

图书馆 2018 年下半年活动掠影

主要工作及活动



2018 年煤炭高等学校图书馆联盟馆长会议在图书馆召开



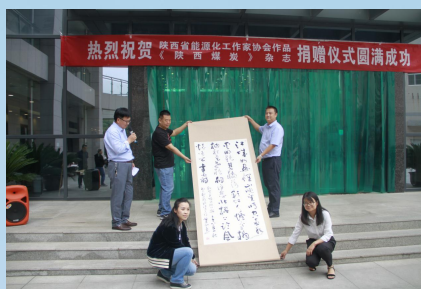
副校长王贵荣到图书馆调研指导工作



图书馆举办田家琦教授书法作品展



临潼区第二届少儿经典诵读比赛决赛在图书馆成功举办



陕西能源化工作家协会、《陕西煤炭》杂志社向图书馆捐赠书刊



图书馆 2018 年冬季安全教育培训

业务交流



哈萨克斯坦共和国国家科学院图书馆青年馆员来图书馆参观交流



图书馆职工赴西安工程大学图书馆交流座谈



西安航空职业技术学院图书馆来图书馆参观交流



铜川职业技术学院图书馆来图书馆参观交流



西北大学图书馆党员来图书馆参观交流



边防学院图书馆来图书馆参观交流



西安科技大学
XI'AN UNIVERSITY OF SCIENCE AND TECHNOLOGY

图书馆通讯



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工作总结

图书馆 2018 年工作总结

2018 年,图书馆紧密围绕学校的中心工作以及十三五发展规划和年度目标任务,以“提高管理水平、提升文献质量”的办馆目标,认真履行工作职责,全面超额完成了年度目标任务。

一、认真开展政治学习,提高职工政治素质

继续推进“两学一做”学习教育活动。组织了 8 次集中学习、2 次专题讨论、3 次实地参观、2 次学习心得交流和 1 次民主评议。通过支部书记与馆长讲党课、观看经典影片与警示教育片、专家辅导报告、讨论交流、实地参观及自修自学等多种形式,向职工传达和学习中央、省、学校党委的各种文件精神,强化思想教育、提高政治素质。

二、优化文献结构,提高文献资源保障能力

2018 年不断优化馆藏文献结构,通过充分调研论证,加大电子资源的采购力度,减少了利用率低的外文原版纸质期刊。走进院系征询学科带头人对文献资源建设意见和建议、带领专业课老师现场采书、定期征询学生意见、及时处理读者推荐图书、科学编制电子资源采购方案等措施提高资源建设质量。为助力“一流学科”建设,保障专业认证,分析各学科专业文献资源建设及利用情况,及时完善文献保障支撑措施,文献资源保障能力进一步增强。全年新增纸质图书 81298 册,订购纸质期刊 1554 种,新增数据库 3 个

三、加强学科服务,助力“一流学科”建设

积极开展学科评价及学术影响力分析,为学校“一流学科”建设提供信息决策服务。学科服务人员继续深入学院和科研团队开展学科服务,建立 QQ 服务群,及时传递文献。每周发布我校 SCI、EI 论文收录情况,为科研人员提供有力数据参考。不断完善学科服务平台,方便科研人员

及时了解国内外学科发展动态,满足教学研究需求。全年研究、撰写各类分析报告 8 份,如基于 ESI 的我校工程学学科发展态势分析、西安科技大学“一流学科”建设研究报告、西安科技大学 ESI 学科发展数据简报、西安科技大学 2008-2017 年 SCI 论文分析报告、西安科技大学专利分析报告等。

四、创新服务模式,服务质量不断提高

全年图书馆共接待读者 1711068 人次,微信平台发布信息 100 余条,网站读者访问量 1034925 人次。开展读者培训与教育 36 场次,培训读者 7100 余人次,完成查收查引报告 1859 份。图书年借还量 433139 册,修补破损图书 2600 余册。完成全校 90 个教学班 2786 人 818.1 学时的教学工作量。成功举办了西安科技大学第十一届读书节活动。开展了书海寻宝、盲选图书、古典诗词竞答、征文大赛、优秀电影展播、摄影比赛、旧书封面设计创意比赛、为毕业生赠送阅读报告证书等一系列形式多样的活动 20 余场。成功举办了西安科技大学第十届网络检索知识大赛。联合数据库商举办各种大型读者活动 10 场次。向全校职能处室及各学院发送了《图书馆通讯》2 期,传递图书馆动态和教学科研信息,搭建图书馆与教师服务桥梁。

五、注重馆际交流,社会影响力大大提升

全年共计接待省内外 38 所高校图书馆同仁参观交流 157 人次。接待了哈萨克斯坦共和国国家科学院图书馆青年馆员的到访,也是中国之行参观交流的唯一高校图书馆。主办了“2018 智慧图书馆高峰论坛”、“2018 年煤炭高等院校图书馆联盟馆长会议”2 场全国性会议;承办了“陕西省科学技术情报学会第二届情报理论与实践高级研修班”、“陕西省图书馆学会协作协调委



员会 2018 年年会”；协办了“2018 年陕西省图书情报界中青年学术年会”等。

六、加强业务学习，提升职工业务技能

2018 年共组织职工业务培训活动 20 余次，安排骨干外出培训学习 90 余人次。邀请专家为职工作了 6 场学术报告，各部室开展业务交流 10 次。组织业务骨干到清华大学、北京大学、中国人民大学、重庆大学、西南大学等高校参观学习。全年职工共发表学术论文 20 余篇，其中核心 4 篇。获批陕西省社会科学基金项目等各类项目 16 项、获西安市第十次哲学社会科学优秀成果奖等各类奖项 4 项。

七、规范制度管理，扎实做好安全稳定工作

强化安全意识，落实安全责任。召开“图书馆 2018 年治安综合治理工作大会”，图书馆与各部室签订了治安综合治理工作责任书。召开 2018 年冬季安全教育培训会，提高职工安全意识。建立健全图书馆治安综合治理领导机构与工作机构，完善馆长及部主任值班制度、门卫 24 小时巡逻制度，强化日常安全管理。一年来，在读者数量不断增加的情况下，未发生任何不安全事故与人为责任事故。

读者排行榜

2018年下半年读者借阅排行榜

姓 名	证件号	读者类型	读者单位	借阅册次	借阅排名
王 曦	16407020125	本科生一(理工)	通信工程 1601	189	1
刘 宣	16401010127	本科生一(理工)	工程力学 1601	153	2
李佳艺	1305040308	本科生一(理工)	机械设计制造及其自动化 1303	143	3
赵良育	18217005014	硕士研究生	马克思主义中国化研究	108	4
任盼星	1405010116	本科生一(理工)	机械电子工程 1401	94	5
陈静娴	1507080109	本科生一(理工)	电子信息科学与技术 1501	92	6
王佳磊	17408070715	本科生一(理工)	计算机类 1707	85	7
王俊杰	17401010114	本科生一(理工)	工程力学 1701	84	8
刘争学	17401020129	本科生一(理工)	数学与应用数学 1701	83	9
唐 姣	18402010313	本科生三(文科)	会计学 1803	76	10



图书馆工作动态

下半年图书馆主要工作报道

◆暑假期间，图书馆举行了“学科服务这个暑期不打烊”活动，为 580 余名教师提供不间断的科研信息服务。

◆8 月 27 日，图书馆在临潼校区新馆四楼研讨室召开新学期工作部署会。

◆8 月 27 日，临潼区第二届少儿经典诵读比赛决赛在我校图书馆成功举办。

◆8 月 30-31 日，图书馆在报告厅分院为 1000 余名 2018 级研究生举办了信息素养入学教育讲座。

◆9 月 4 日，王贵荣副校长到图书馆调研指导工作。

◆9 月 2 日，图书馆在临潼校区为全校近 5000 名本科新生举办了 14 场入馆教育培训。

◆9 月 12 日，西北工业大学明德学院图书馆一行 5 人来我校图书馆参观交流。

◆9 月 12 日，图书馆在临潼校区图书馆新馆五楼举办田家琦教授书法作品（册页）展，共展出田教授的书法作品册页八十三册和各类荣誉证书二十本。

◆9 月 13 日，西安航空职业技术学院图书馆一行 6 人到我校图书馆参观交流。

◆9 月 14 日，陕西省能源化工工作家协会、《陕西煤炭》杂志社向西安科技大学捐赠书刊仪式在临潼校区图书馆中心广场举行。此次活动共捐赠图书 62 种 315 册。其中会员单位彬煤公司特意购买文学名著 35 部 175 册，两幅书法作品捐赠。另外《陕西煤炭》杂志社捐赠 1991 年以来发行的期刊合订本及现刊 218 册（期）。

◆9 月 13 日、14 日，图书馆学科馆员走进电气与控制工程学院开展学科服务。

◆9 月 26 日~28 日，2018 年煤炭高等院校图书馆联盟馆长会议在我校临潼校区举行，来自全国 15 所煤炭高等学校图书馆馆长和代表 30 余人参加了会议。煤炭高等院校图书馆联盟理事长、中国矿业大学图书馆馆长宋迎法致辞并做了题为“一流学科建设背景下的图书馆国际交流与合作——访科罗拉多矿业大学图书馆”的专题报告。武汉大学图书馆副馆长刘霞应邀做了题为“双一流”建设背景下的图书馆服务质量提升——武汉大学图书馆实践探索”的报告。西安科技大学图书馆馆长赵晓光就我校新图书馆建设过程中的经验和体会与各位参会代表进行了分享。

◆9 月 29 日，西安财经学院行知学院图书馆副馆长高康月一行 3 人到我校临潼校区图书馆参观交流。

◆10 月，图书馆在暑期开始的非遗传承人“口述历史”项目取得阶段性成果。本项目在西安科技大学校团委的支持下由西安科技大学图书馆、临渭区图书馆、临渭区文化馆三方合作，共同组织大学生到陕西省渭南市对“秦源影雕黑陶”、“阳郭草编”、“渭南剪纸”“华阴老腔”等一批非物质文化遗产的传承人进行口述采集，并在完成采集工作后进行资料整理、加工，制作口述历史档案，近期已完成部分口述历史资料的加工工作。

◆10 月 11 日，图书馆 20 多位老师在副馆长冯永财、张治红的带领下前往西安工程大学图书馆进行交流座谈。

◆10 月 11-13 日，铜川职业技术学院、西南政法大学、浙江外国语学院图书馆同仁先后来到我校临潼校区图书馆参观交流。

◆10 月 17 日，图书馆学科馆员走进化工学院，为化工学院研一新生开展资源检索以及文献管



理软件使用讲座。

◆10月18日,直属单位党委第二党支部在临潼校区图书馆五楼会议室召开党员会议。

◆10月18日,图书馆在临潼图书馆二楼报告厅举办2018年冬季安全教育培训。此次培训特邀西安和谐安全中心张浩亮教官为大家作《关注消防,平安你我》的报告。

◆10月18日,直属单位党委第一党支部在临潼校区新馆五楼会议室组织全体党员进行集中学习。

◆10月21日,西北大学图书馆党支部全体党员30余人来我校临潼校区图书馆进行参观交流。

◆10月,图书馆学科馆员及学科服务平台产品经理走进马克思主义学院和测绘科学与技术学院,为学院一级学科博士点学科服务平台建设前期事宜与院领导进行沟通交流。

◆10月25日,西安科技大学第十届大学生网络检索知识竞赛决赛在临潼校区图书馆二层国际学术报告厅举行。

◆11月2日,西安科技大学图书馆学生管理委员会2018年换届暨迎新晚会在我校临潼校区骊山校园学生第二俱乐部举行。

◆11月2日,由西安科技大学图书馆、人文与外国语学院联合主办,西科新新英语协会、智课教育协办的“玩转万圣节,齐High狂欢夜”英语交流活动在临潼校区3教405教室举办。

◆11月9日,图书馆采编部工作人员赴西安建筑科技大学图书馆进行业务交流。

◆11月23日,由西安科技大学图书馆、人文与外国语学院联合主办,西科新新英语协会承办,智课教育协办的“陕西省20所高校联盟英语演讲比赛西安科技大学赛区”决赛在临潼校区图书馆报告厅成功举办。

◆11月24日,陕西学前师范学院图书馆曾馆长一行20人来我校临潼校区图书馆参观交流。

◆11月25-28日,中国高等教育文献保障系统CALIS联机编目中心在厦门市举办“CALIS中西文编目员研讨会”。西安科技大学图书馆在中文书目数据共建共享中表现优秀,被中国高等教育文献保障系统授予“2017-2018年度CALIS联合目录中文数据库建设先进单位”和“2017-2018年度CALIS联合目录馆藏数据建设先进单位”;姜利华同志荣获“2017-2018年度CALIS联合目录优秀中文认证编目员奖”,并别授予“CALIS联合目录中文二级编目员”。

◆11月29日,哈萨克斯坦共和国国家科学院图书馆青年馆员来到我校临潼校区图书馆参观交流,来访人员有图书馆管理与市场部主任、团长Kussainova Gulmira、技术部主任Polichshuk Alexandr、软件工程师Ramenskiy Sergey及文学艺术馆主任Issak Alua。我校图书馆馆长赵晓光、国际交流与合作处副处长朱彬、图书馆副馆长冯永财、张治红及部室主任进行了热情接待。双方在新馆五楼会议室进行了座谈,部分哈萨克斯坦籍留学生参加了座谈会。

◆12月3日,学科馆员走进安全学院,开展《“双一流”建设背景下学科服务助力学科建设》专题讲座,近20名博硕士研究生及青年教师参加了此次讲座。

◆12月7日,陕西省图书馆学会协作协调委员会2018年工作会议在我校临潼校区图书馆新馆五楼会议室召开。

◆12月7日,陕西省高校图工委信息技术应用工作组年度会议暨“智慧图书馆的应用发展”专题研讨会在西安交通大学图书馆召开。我馆程时星、郭利伟两位同志参加了研讨会,并作了“西安科技大学智慧图书馆建设与实践探索”的专题报告。

◆为了传承中国传统文化,图书馆流通三部十二月特推出中国传统民俗篇。本次活动在新馆一楼展示了有关民俗类图书共计一百余本。

◆12月底,受机械工程学院邀请,学科馆员在该学院会议室先后为100余名研究生及部分青年教师做《Endnote实现文献管理,成就论文写作》以及《学术规范与学术道德建设》讲座。



滑坡敏感性研究领域的知识网络与发展态势 ——基于文献计量学分析

1 研究背景

地质灾害作为一种破坏性的地质事件，对人类的生命财产和生存环境构成严重威胁。滑坡是世界上危险性最大的地质灾害类型之一，其破坏力强、危害大，每年给世界各国造成不可估量的人员伤亡、经济损失和生态环境破坏。近年来，世界上许多国家的政府和国际研究机构都投入了大量的资源进行滑坡研究。滑坡风险评价和管理是减轻滑坡灾害损失最有效的方法和途径，是目前滑坡研究领域的热点和难点课题之一。其中滑坡敏感性评价是滑坡风险评价与管理的基础，其根据已发生滑坡灾害与区域地质环境背景的空间相关性，可以对将来滑坡可能发生的空间位置进行有效预测，同时可定量分析不同滑坡灾害影响因子对滑坡发生的贡献程度，加深对滑坡发生机理的理解，对滑坡的防治和预警工作具有十分重要的理论与实际意义。

近几年来，国际上对于滑坡敏感性研究发展迅速，我校学者在此领域的研究也有突出贡献。本报告通过客观数据的分析，评价 1999-2018 年滑坡敏感性研究领域的相关研究文献的趋势，通过统计研究文献所属国家、研究机构、期刊分布、研究领域等情况，分析滑坡敏感性研究的发展态势与阶段、学科分布与结构、研究热点与趋势等，客观系统地了解此领域研究热点变迁以及研究发展态势，为以后的研究发展提供较为客观的信息支撑及有价值的参考数据。

2 研究设计

2.1 数据获取

本报告选取 Web of Science 数据库的核心合集中 SCIE 引文数据库作为文献来源。SCIE 引文数据库收录了滑坡敏感性方面较高水平的研究成果，基本上可以反映学科前沿的发展动态，能够同时满足数据来源的权威性、完整性和可操作性等条件。本报告将时间范围设定为 1999-2018 年，基本上覆盖了国际上对滑坡敏感性研究思想的形成路径。检索时间是 2018 年 6 月 5 日。编制的检索式为：landslide* susceptible*，语言检索设置为英语，检索出 3615 条数据，限制文献类型为 article 和 review，经过汇总去重，共得 2248 条有效文献数据。

2.2 数据处理

本报告以文献计量法为主要研究方法，文献计量学是借助文献的各种特征的数量，采用数学与统计学方法来描述评价和预测科学技术的现状与发展趋势的图书情报学分支学科。使用科睿唯安公司开发的 DDA（Derwent Data Analyzer）分析软件作为研究工具进行文献数据挖掘和分析。对获取的文献数据进行清洗，清洗后按发文国家、研究机构、来源出版物、学科领域、发表年度、关键词等信息进行分类统计，利用影响因子和 h 指数进行各项分析。

3 结果与分析

3.1 论文产出分析

文献量通常能从一定程度上反映一个学科的研究水平和发展速度。论文数量的年度变化趋势如图 1 所示（2018 年总量轻微下降，与 2018 年只统计到 6 月份有关）。从图 1 可以看出，自 1999 年以来，滑坡敏感性评价研究基本保持了一定的发表量，文献数量呈现逐年稳定增长趋势，尤其从 2011 年之后增长趋势明显，速度较快。可见滑坡敏感性研究一直吸引学者的广泛关注。

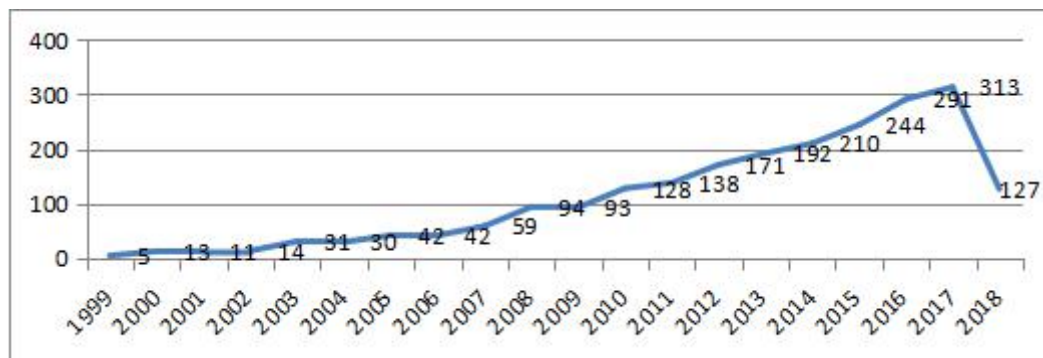


图 1 论文年度变化趋势图

3.2 论文影响力

截止 2018 年 6 月 5 日，全球共有 2248 篇滑坡敏感性的相关文献，被引频次总计 51166 次，每篇平均引用次数为 22.56，2248 篇文献的 H 指数为 103。说明滑坡敏感性领域产生了较高影响力的文献。被引频次最高的 10 篇文献分别出现在 2005 年（582 次），2006 年（359 次），2005 年（348 次），2001 年（348 次），2008 年（343 次），2003 年（312 次），2012 年（307 次），2008 年（303 次），2007 年（295 次），2005 年（293 次）。这 10 篇文献中有 3 篇为 ESI 高被引论文，被引频次高的论文主要分布在 2000-2010 年间。

3.3 发文国家分析

1999-2018 年的文献中，共有 95 个国家对此领域研究有贡献，前 10 个国家中（如表 1），意大利、中国、美国位居前三位。前 10 位的国家单一国家发文数为 915 篇，占该领域论文总数的 40%，这在一定程度上反映出该领域的主要研究力量。意大利在 1999-2018 年共产出 385 篇文献，总被引频次为 8328，每篇平均引用次数为 21.63，H 指数为 46，说明意大利产出的文献具有较高的文献影响力。意大利的发文量、国际合作论文数、第一作者论文数、H 指数等都占绝对领先地位，说明其总体生产力和总影响力最高；中国在 1999-2018 年共产出文献 348 篇，总被引频次为 4759，每篇平均引用次数为 13.6，H 指数为 34，中国的单一国家论文数排名第一，发文量、国际合作论文数、第一作者论文数等排名第 2，说明中国在该领域具有一定竞争优势，但中国的平均引用次数偏低，在论文质量上还有待进一步提高。美国幅员辽阔，是地质灾害多发的国家，在 20 世纪 80 年代初，尽管美国滑坡损失每年超过 10 亿美元，但由于这些损失通常很分散，始终未引起重视，美国在 1999-2018 年共产出文献 236 篇文献，总被引频次为 4252，每篇平均引用次数为 18.01，H 指数为 38，显示出其强大的科研竞争力和对滑坡敏感性研究的投入力度。



表 1 1999-2018 年 top10 国家论文概况

国家	论文数量	单一国家 论文数及占比	合作国家 论文数	第一作者 论文数	通信作者 论文数	h 指数
Italy	385	2(9.09)	1(33.11)	2(13.72)	1(13.74)	46
China	348	1(13.17)	2(20.08)	1(13.90)	2(13.07)	34
USA	236	3(7.69)	3(16.09)	3(6.81)	3(6.82)	38
India	151	4(7.29)	9(5.59)	4(5.74)	4(5.75)	25
South Korea	147	6(6.02)	8(7.58)	6(5.03)	5(5.39)	42
Turkey	143	5(6.75)	9(5.59)	5(5.48)	6(5.48)	43
Germany	142	8(3.28)	4(12.37)	8(3.87)	8(4.06)	33
Iran	141	7(3.54)	5(11.70)	7(4.27)	7(4.46)	27
Malaysia	117	10(2.07)	6(11.44)	9(2.62)	9(3.21)	39
Japan	100	9(2.27)	7(8.78)	10(2.58)	10(2.36)	25

3.4 主要国家研究主题分析

从各国关注的研究主题来看，虽然滑坡敏感性、边坡稳定性、地理信息系统等研究主题是各个国家所共同优先关注的，但各国的关注程度却不尽相同。意大利历史记载了不少灾难性的滑坡事件，因此意大利无论是滑坡灾害调查评价和风险区划的研究，还是在滑坡灾害管理的经验都位于世界前列，意大利基于水文地貌灾害的土地区划（HSP），是世界上首次以法律的形式确定了滑坡灾害风险土地区划的法律地位。中国地域广阔，山区面积占总国土面积的 65% 以上，是亚洲乃至世界上滑坡灾害最为严重的地区之一。因此，意大利、日本和中国比较关注降水。1985 年波多黎各庞塞附近发生较大滑坡造成 129 人死亡，这是美国历史上单个滑坡最高伤亡记录，自此，美国开始重视滑坡灾害的预警，1986 年，USGS（U.S. Geological Survey）和 NWS（National Weather Service）合作建成实时滑坡警报系统。2000 年，美国地质调查局制定了《美国国家滑坡灾害减灾战略》，构成从研究、制定到实施的政策统一连续体，尤其通过新技术应用提高对滑坡过程、临界值和诱发因素等的认识。因此，美国关注浅层滑坡。

3.5 国际合作分析

自上世纪 80 年代末，随着联合国“国际减轻自然灾害十年（IDNDR）”计划的启动，滑坡等自然灾害引起国际社会的空前重视，许多国际和区域性自然灾害合作研究计划相继实施。合作网络中具有较大影响力的国家主要有意大利、中国、美国、德国、韩国、伊朗、印度、土耳其、马来西亚等国家，意大利、中国和美国作为研究滑坡敏感性领域的重要国家，对于滑坡敏感性领域的知识传播与扩散发挥着重要作用。

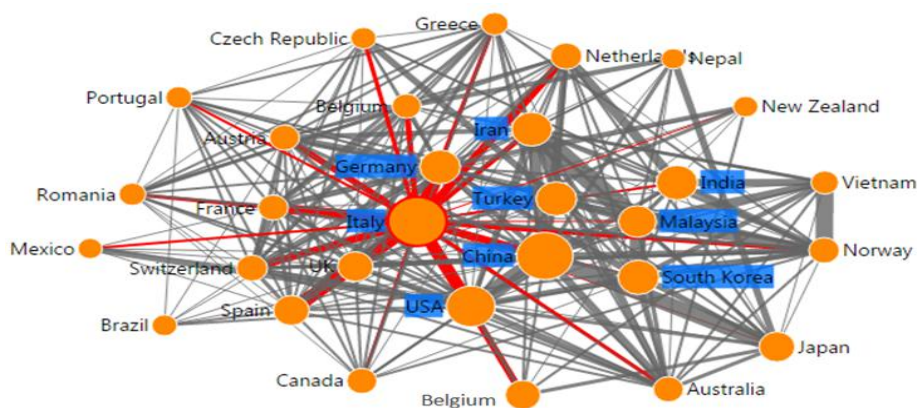


图 2 国际合作图网络图

3.5 研究机构和作者合作分析

3.5.1 研究机构分析

统计结果基本体现出位列前位的机构代表了滑坡敏感性评价领域科研的中坚力量，代表总体研究方向和研究前沿，集中了主要的研究学者和科研队伍，如表 2 所示，该领域论文产量排在前 20 位的主要为高等院校，排名前三的研究机构是马来西亚普特拉大学、中国科学院、意大利国家研究理事会。中国有 6 所机构位于前 20 位，占比 30%。西安科技大学发文 33 篇，排名第 11 位，在促进该研究领域的发展中起到重要引领作用。

表 2 主要研究机构分析表

研究机构	记录数量	单一机构	合作机构	第一作者	通信作者	H 指数
Univ Putra Malaysia	87	18	69	40	53	35
Chinese Acad Sci	74	6	68	44	50	20
CNR	65	13	52	37	38	20
China Univ Geosci	48	6	42	31	28	10
Hacettepe Univ	44	9	35	26	26	25
Korea Inst Geosci & Mineral Resources KIGAM	42	6	36	24	22	20
Shiraz Univ	39	5	34	11	28	13
Univ Florence	38	17	21	23	22	17
Chengdu Univ Technol	36	13	23	22	22	12
Xian Univ Sci & Technol	33	0	33	16	11	10
Islamic Azad Univ	31	4	27	15	16	10
Univ Twente	31	1	30	12	10	17
US Geol Survey	30	11	19	19	18	19
China Earthquake Adm	29	2	27	23	20	13
Indian Inst Technol	26	10	16	17	16	12
Kyoto Univ	25	2	23	9	9	14
Sejong Univ	25	2	23	4	12	9
Univ Naples Federico II	24	10	14	19	19	9
Univ Salerno	24	9	15	18	18	12
Nanjing Normal Univ	23	8	16	16	20	3

3.5.2 研究机构合作分析

科研合作成为世界发展的主流模式，机构作为科研合作活动中的重要主体，担任着促进知识流动的主要任务与职责。从合作网络的结构来看，研究机构遍布世界各国，说明滑坡敏感性得到全球各个国家的高度关注与支持。

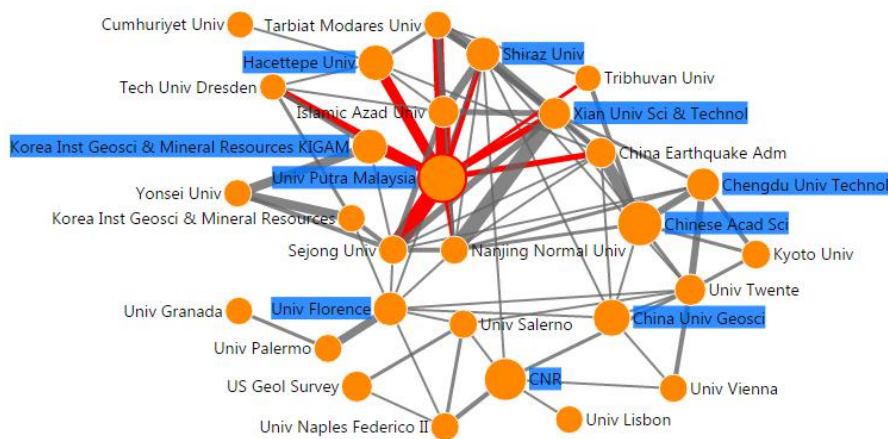


图 3 研究机构合作网络图

3.5.3 作者合作分析

经数据统计分析发现，2044 篇文献中有合著论文 1783 篇，合著论文占总数的 87.23%，所有文献共有作者 5686 名。从图 4 可以看出，作者之间具有较高的合作强度，Pradhan, Biswajeet 与其他作者合作强度最高，居于网络核心位置；西安科技大学学者陈伟在合作强度上位居第四，在作者合作网络中具有很强的活跃性，居于较核心的位置，对于该领域内信息传播和知识交流起了非常重要的作用。

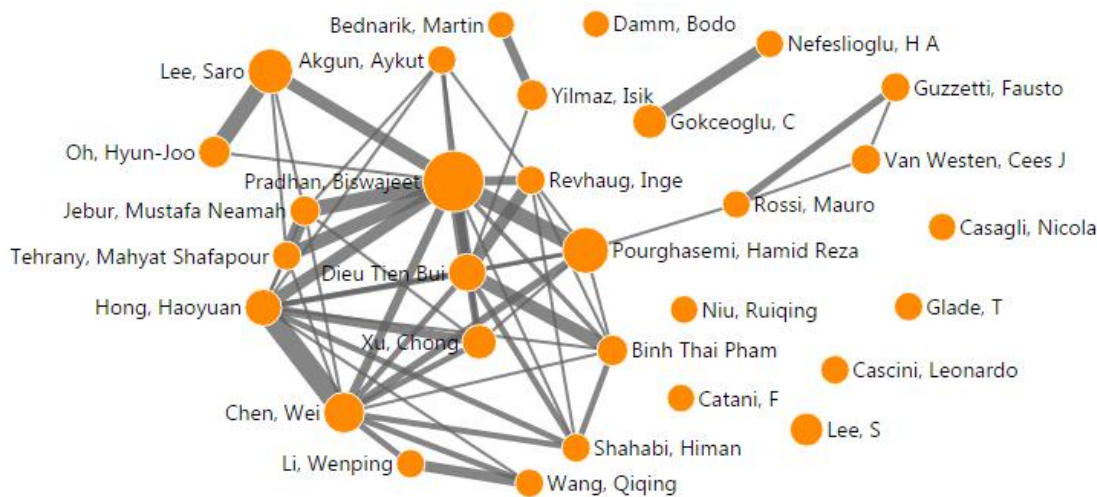


图 4 研究作者合作网络图

4. 研究热点分析

通过 20 年滑坡敏感性研究领域文献的关键词提取，得到论文中关键词出现的频次排序情况，滑坡与地震、地理信息系统、泥石流、边坡稳定性都具有非常强的关联度，滑坡与灾害、降雨、侵蚀、监测、地貌和海啸具有很强的关联度，这些在整体上反映了滑坡领域的主要研究主题。滑坡与建模、灾害、海啸、海底滑坡、滑坡与数值模拟、降雨、地理信息系统都有较强的关联度。这些在一定程



度上反映了滑坡领域的另一重要研究主题。

由于敏感性评价侧重于解决在什么样的条件下“哪里”容易发生灾害，因此非常注重对模型的分析研究，2000 年以前滑坡敏感性领域的研究热点集中在滑坡、地震、地貌、降雨、灾害等，近十几年增长最快的关键词为地理信息系统、集成建模等，说明这些主题是近十几年新出现的研究热点。

表 3 主要关键词排序

关键词	频次	关键词	频次	关键词	频次	关键词	频次
Landslide	420	Landslide susceptibility mapping	78	Modeling	57	Wenchuan Earthquake	35
GIS	419	Frequency ratio	75	Debris flow	54	Support vector machine	34
Landslide susceptibility	267	Artificial neural network	70	Italy	53	Machine learning	33
Logistic regression	148	Geographic information system	65	Risk assessment	40	landslide monitoring	30
Remote sensing	152	Hazard	64	Fuzzy logic	38	slope stability	30

5. 未来的研究趋势

滑坡发生的机理复杂，滑坡敏感性的定量分析仍是研究的难点和热点。（1）滑坡表示方法研究，目前最流行的有基于点的、多边形等表示方法，但是具体哪种表示方式最合理还是争论焦点。（2）滑坡敏感性分析相关因子：影响因子的选择是滑坡易发性评价中的一项重要工作，但是目前为止还没有选择的统一标准。目前多数是基于专家经验，选取的评价指标主观性大，尚未有规则来界定评价指标的筛选，对于滑坡评价因子的选取目前仍是一个难点。（3）建模前的数据准备问题，包括针对滑坡及针对不同滑坡表示方法下的各种问题等方面。（4）滑坡敏感性空间预测模型的选取与构建：已有的滑坡空间预测模型，都存在一定的局限性，如何构建一个具有普适性和强有力的滑坡预测模型，仍是一个研究的热点。（5）建模完成后，模型的优选问题。目前有 ROC 曲线、AUC 曲线、统计指标方法以及非参数统计方法等，但这些方法中哪些是最优的方法目前未有定论

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西安科技大学专利产出数据分析报告

1. 简介

1.1 报告摘要

为明晰西安科技大学专利工作所处的水平态势，采用壹专利检索分析平台，通过专利数据挖掘对西安科技大学专利申请态势、活跃发明人、热门领域、申请人竞争力等方面进行分析。根据检索结果发现：西安科技大学的专利量在 2017 年之前（包括 2017 年）呈现逐年增长趋势。截至检索日 2018 年 11 月 12 日，西安科技大学共拥有 5470 件专利（注：由于 2017、2018 年专利申请公开还不充分，部分专利数据还未收录，会对专利总数有一定影响；全部专利=发明申请+实用新型+外观设计）。其中有效专利 2115 件，主要涉及物理材料、采矿、计算机、电气、化学等领域，活跃发明人包括文虎、邓军、马宏伟、金永飞、张传伟、王伟峰、郭军、张旭辉、马砺、周安宁等。



1.2 数据来源

壹专利检索分析平台囊括了全球 104 个国家和地区的一亿多条专利数据，检索操作简单，提供多维度专利数据的统计分析和多样式图形化的统计结果展现。

本报告在壹专利数据库中检索“申请人=(西安科技大学 not 西安科技大学高新学院) and 公开日<=(2018.11.12)”，得到西安科技大学当前专利申请总量 5470 件，申请国别均为中国。其中专利授权量 4386 件，授权专利比例 80.18%，有效专利量 2115 件，有效专利比例约占 38.67%。专利申请时间限制：2004-2018 年。

2. 宏观分析

2.1 西安科技大学专利申请量年度趋势分析——专利申请的过去、现状与趋势

将 5470 件专利按照申请年统计，如图 1 所示。



图 1 西安科技大学专利申请年度趋势图

由图 1 可见：西安科技大学专利早年的申请量较小，2007 年以前（包括 2007 年）的年均申请量不超过 5 件；2007 年以后在国家 and 学校政策的推动下，西安科技大学的专利申请进入迅速增长期，2014 年的专利申请 520 件，之后出现爆发式增长，2017 年专利申请量达到 1474 件；发明专利申请量的增长趋势与全部专利基本一致，但数量级一直处于全部专利的 1/3 左右；实用新型申请量一直高于发明专利。

西安科技大学发明专利申请量 1999 件，授权 915 件，申请与授权量的阶段趋势见图 2。图中西安科技大学发明专利申请分成三大阶段：2006 年前申请量仅 2 件，但 100%授权；随后 5 年即 2006-2010 年“十一五”期间，西安科技大学的发明专利申请量有所增长，但增幅不大，授权比例降为 74.4%；在 2011-2016 年“十二五”期间，西安科技大学的发明专利申请量急剧增加，5 年间达到 1161 件，增长接近 14 倍，而授权比例则有所下降，平均授权比例为 66.8%；近两年由于申请公开不充分，故不做特别说明。

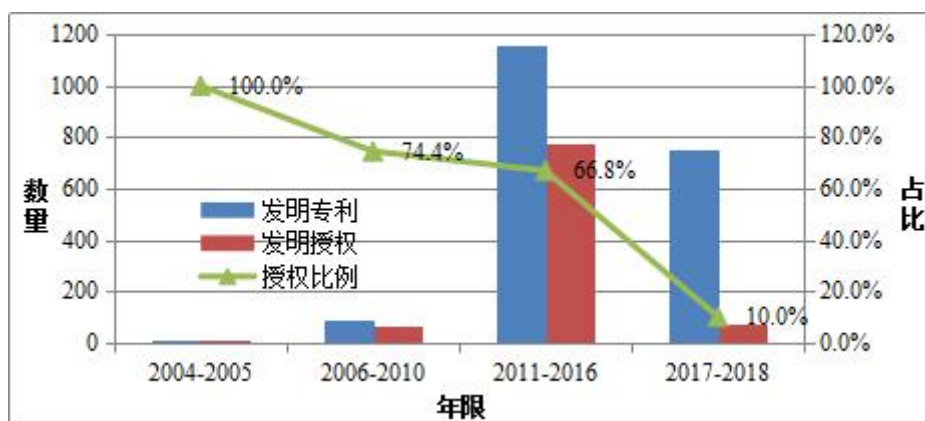


图2 西安科技大学发明专利申请与授权量的阶段趋势图

影响专利授权比例的因素比较多，主要包括：

- 1) 中国专利制度的逐步完善，审核员的综合素质提升以及信息化程度导致检索结果的提升，会让专利的审核逐步严格，授权比例下降；
- 2) 由于政策引导、科研能力提升等原因导致科研人员的专利保护意识增强，但专利撰写水平尚有局限，从而造成专利申请量增加，但授权量不能同比增加；
- 3) 专利服务机构如专利代理所及专利代理人的业务水平提升和专利量的提升无法同比提高，导致授权比例下降；
- 4) 近年申请的专利有部分还处于审查过程中，尚未被授权。

近年来，西安科技大学科研人员专利意识明显增强，但申请质量和获得授权的比例仍有待提高；同时，在有效保护发明创造成果的同时，提升专利实施转化率。

2.2 西安科技大学专利申请人和发明人分析

2.2.1 与西安科技大学联合申请的专利权人

专利合作情况在一定程度上表明技术创新的对外联合度和学科交叉度。这里主要针对西安科技大学的发明申请和实用新型专利（共 4999 件）申请人和发明人合作情况进行分析，其中与国内其他机构联合申请的有 272 件，约占总量的 5.4%，主要合作机构多为陕西省内企业（如图 3），且均为与西安科技大学特色学科相关的行业内企业，如能源、安全以及测控设备等。



图3 主要合作机构网络

2.2.2 西安科技大学活跃的学科发明人

将 4999 件专利按照专利发明人统计,得到西安科技大学最活跃的 10 位专利发明人如图 4 所示,主要分布在安全科学与工程学院、机械工程学院和化学与化工学院,其中邓军、文虎、马宏伟和周安宁四位教授的发明专利数量超过实用新型专利数量。

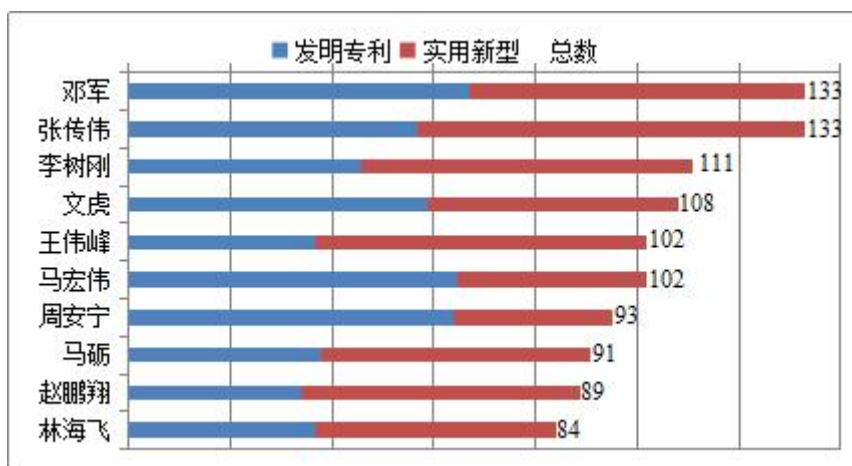


图 4 西安科技大学最活跃的 10 位专利发明人

结合发明人合作网络图 5 和图 6 可以看出,活跃发明人主要是西安科技大学创新团队成员,团队的带头人恰恰就是专利发明人合作网络中的核心教授,例如:邓军教授带领的教育部“长江学者和创新团队发展计划”创新团队,以及分别由李树刚、马宏伟、张传伟和周安宁四位教授带领的西安科技大学科技创新团队。

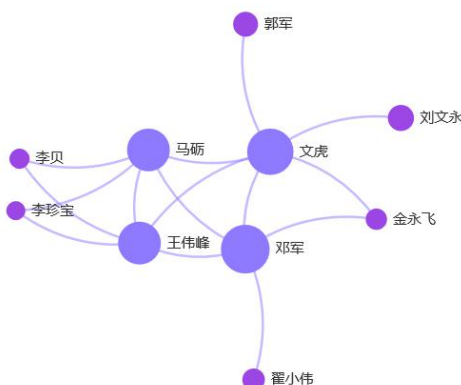


图 5 专利发明人合作网络(教育部“长江学者和创新团队发展计划”创新团队)

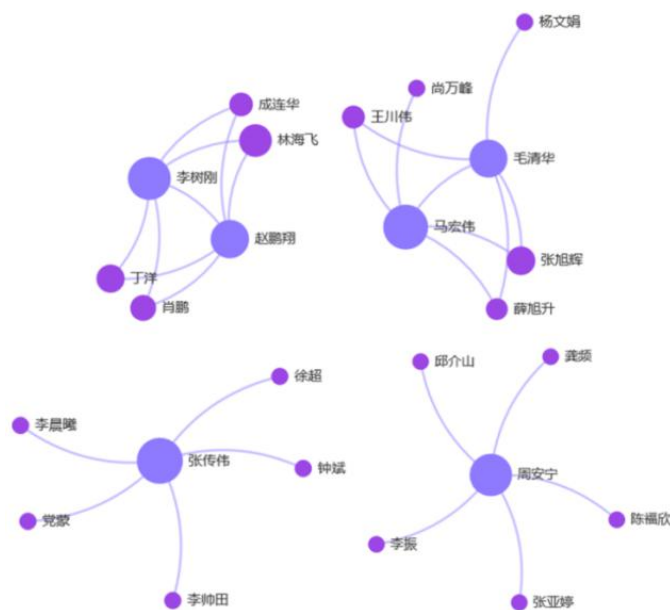


图 6 专利发明人合作网络（西安科技大学科技创新团队）

2.3 西安科技大学发明专利技术类别分析——发明创造的热门领域

将西安科技大学 1999 件发明专利按照 IPC（国际专利分类）统计如表 1，西安科技大学发明创造主要集中在物理和固定建筑物、电学、化学冶金和运输五大类。对比全国专利在相应小类上的表现，且拟定西安科技大学专利数量>200 件作为热门领域，全国专利数量>2000000 件视为热门领域，可以发现，西安科技大学目前已申请的热门发明专利涉及全国研究热点的技术方向是物理测量、测试和计算方法方面的研究。

表 1 西安科技大学发明热点 VS.全国发明热点

大类	小类	专利热门领域	全国专利热门领域
物理	测量；测试	443（热）	2540730（热）
	计算；推算；计数	239（热）	2941138（热）
	控制；调节	58	318504
固定建筑物	土层或岩石的钻进；采矿	271（热）	332494
电学	电通信技术	97	3254486（热）
	发电、变电或配电	91	983596
	基本电气元件	70	3383779（热）
化学；冶金	有机高分子化合物；其制备或化学加工；以其为基料的组合物	86	1245365
	染料；涂料；抛光剂；天然树脂；黏合剂	54	574862
运输	一般的物理或化学的方法或装置	86	1019404

提取出西安科技大学与全国重合的热点领域专利进行聚类分析，筛选出西安科技大学最热专利研究方向是测定和分析材料的化学或物理性质，且多是在电数字数据处理方法上有所



突破。其中，表现最为出色的 3 组技术见图 7：G01N3/00（用机械应力测试固体材料的强度特性）、G06F17/00（特别适用于特定功能的数字计算设备或数据处理设备或数据处理方法）和 G01N1/00（取样；制备测试用的样品）。

图 7 中，2013 年之前 3 组技术几乎齐头并进，年产量均不超过 2 件；2013~2014 年，G01N3/00 增幅明显，2014 年以后出现井喷式增长；而另外两组中 G01N1/00 以微小的优势与 G06F17/00 一起稳步增长；但 2015 年以后 G06F17/00 反超 G01N1/00；近两年由于申请公开不充分，故不做特别说明。由此可见“用机械应力测试固体材料的强度特性”是西安科技大学专利发明人持续关注的技术领域，而“取样；制备测试用的样品”是西安科技大学专利发明人一直想要突破的技术领域，但很有可能会逐渐被“数字计算设备或数据处理设备或数据处理方法”和一方面的研究代替。

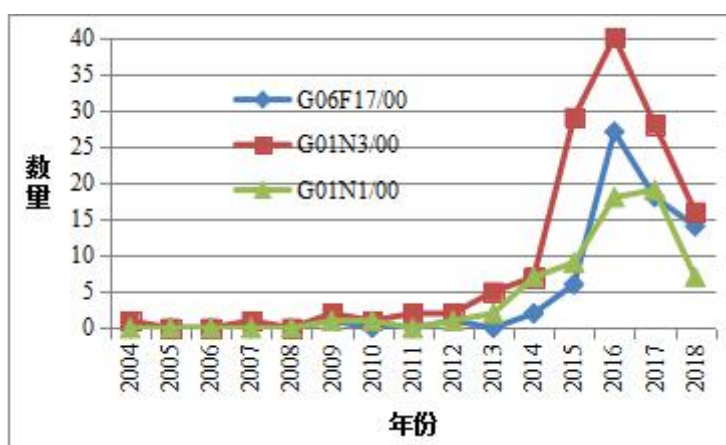


图 7 热门技术领域

3. 与省内 4 所高校专利情况比较分析

3.1 专利申请量、授权量、有效专利量等对比分析

分别查询西安科技大学、陕西科技大学、西安建筑科技大学、西安理工大学、西安工程大学的专利数据，得到本次调查的 5 所高校的专利基本数据，见表 2。可以看出，陕西科技大学在专利数量上占有绝对优势，特别是发明专利申请量超出西安科技大学申请量的 3 倍；西安理工大学发明专利占比最高；西安建筑科技大学有效专利占比高达 70.51%，非常重视专利的保护；西安科技大学在专利授权比例方面略占优势，但结合发明专利占比最低，说明西安科技大学科研人员的专利主要是实用新型和外观专利，专利的技术性还有待提高；从另一个角度也说明西安科技大学科研人员注重专利查新工作，并且只拿最新和有把握的成果去申请专利，有利于专利授权比例的提高。

表 2 西安科技大学与省内 4 所高校的专利数据对比表

学校名称	专利申请量	授权量	有效专利量	发明专利申请量	发明专利授权量	发明专利占比	有效专利占比	专利授权比
陕西科技大学	9370	6191	2800	6062	2883	64.70	29.88	66.07
西安理工大学	4512	3074	1510	2936	1498	65.07	33.47	68.13
西安建筑科大	3574	2511	2520	2183	1129	61.08	70.51	70.26



西安工程大学	2899	2288	1040	1201	590	41.43	35.87	78.92
西安科技大学	5470	4386	2115	1999	915	36.54	38.67	80.18

3.2 发明专利与实用新型专利授权情况对比分析

5 所高校的发明专利授权情况如图 8 所示，陕西科技大学非常重视发明专利的申请，尤其是 2008 年以后，发明授权量在 5 所高校中遥遥领先；西安理工大学次之，但 2016 年发明授权量骤减，不排除其中有成果奖励政策变化这一因素的影响；西安建筑科技大学的发明授权量一直落后于西安理工，但 2014 年以后，西安科技大学一举突破，超过西安建筑科技大学，接近西安理工大学。

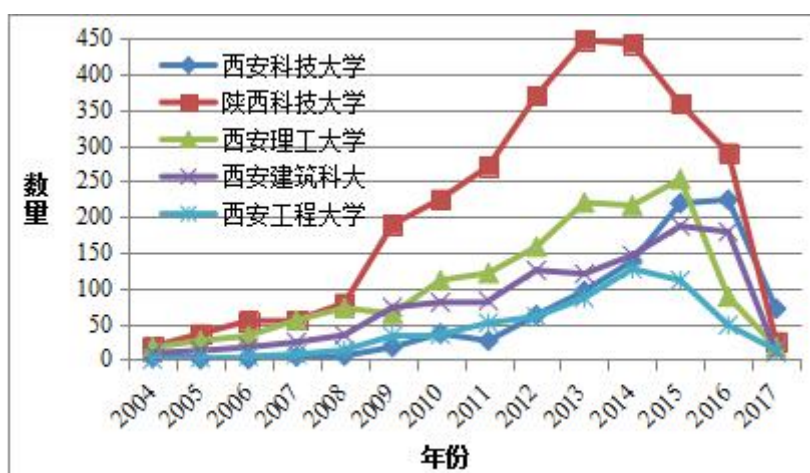


图 8 五所高校发明专利授权对比

5 所高校实用新型专利授权量波动都比较大（见图 9），2012 年之前陕西科技大学实用新型专利授权量一直领先；而西安科技大学 2011 年以后实用新型专利授权量急剧上升，特别是 2014 年以后出现井喷式增长，从落后到领先，2015 年更是超出年授权量第二的陕西科技大学两倍有余；西安理工大学 2013 年之前稳步增长，之后就落入低谷；西安建筑科技大学和西安工程大学虽有波动但并无大起大落。

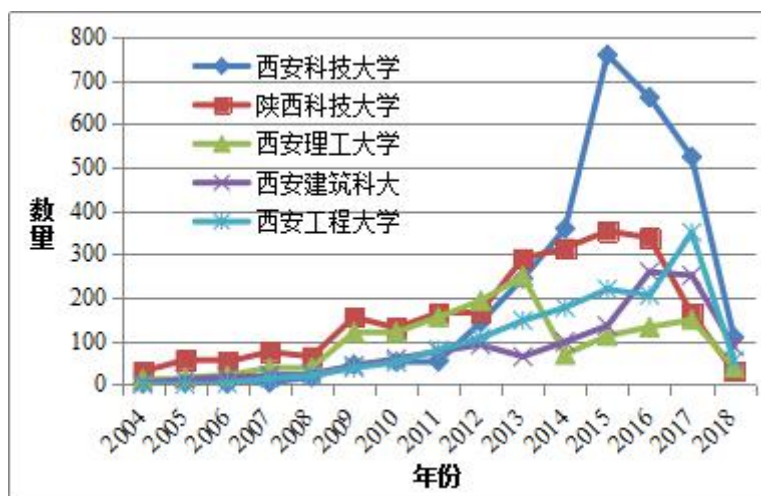


图 9 五所高校实用新型专利授权对比



3.3 发明专利 IPC 技术领域对比分析

5 所高校发明专利的热门技术创新点各具特色（见表 3）。其中，陕西科技大学发明专利的热门技术创新点是化学材料类，这与该校的重点学科相契合；西安理工大学的技术热点主要是工程测试计算方法方面的创新，可以看出该校更注重在基础学科上的技术突破；西安建筑科技大学的热门技术更具行业特色，都是围绕建筑物的各类化工材料处理技术的创新；而西安工程大学的专利学科特色鲜明，主要集中在纺织品的处理方法上也是属于该校的优势学科；西安科技大学的专利热门技术创新点上也是围绕特色专业采矿的开展。

表 3 5 所高校发明专利热门技术创新点对比表

陕西科技大学	IPC 大类	有机高分子化合物；其制备或化学加工；以其为基料的组合物	无机化学	水泥；混凝土；人造石；陶瓷；耐火材料
	专利数量	1301	1041	927
西安理工大学	IPC 大类	计算；推算；计数	测量；测试	机床；其他类目中不包括的金属加工
	专利数量	753	578	385
西安建筑科技大	IPC 大类	建筑物	水、废水、污水或污泥的处理	水泥；混凝土；人造石；陶瓷；耐火材料
	专利数量	451	439	415
西安工程大学	IPC 大类	供热；炉灶；通风	织物等的处理；洗涤；其他类不包括的柔性材料	测量；测试
	专利数量	438	251	211
西安科技大学	IPC 大类	测量；测试	土层或岩石的钻进；采矿	计算；推算；计数
	专利数量	1394	742	382

4. 西安科技大学专利转让情况分析

据壹专利检索分析平台，西安科技大学已转让专利 10 件，转让的专利权人主要是陕西本土企业，包括 1 件实用新型和 9 件发明专利，见表 4。

表 4 西安科技大学转出专利情况

序号	公开号	专利标题	公开日	当前专利权人
1	CN203796260U	一种块煤开采用采煤机	2014.08.27	西安科技大学 库尔勒金川矿业有限公司
2	CN102407344B	一种纳米铜颗粒的工业生产方法	2013.01.23	西安坤德新型材料有限公司
3	CN103426336B	高校教学资源数字化系统及使用方法	2015.09.09	深圳驰睿泰科数字技术有限公司



4	CN1300571C	埋入式微弯光纤传感器和微弯光纤传感器埋入与测试方法	2007.02.14	中交隧道工程局有限公司
5	CN101789680B	一种可快速关断耗尽型开关器件的驱动电路	2012.07.25	陕西中试电力科技有限公司
6	CN103910257B	一种电梯远程监管方法	2015.12.02	西安终南信息技术有限公司
7	CN104155564B	无刷直流电机逆变器单管开路故障的诊断和定位方法	2017.01.25	陕西智简美机电科技有限公司
8	CN103952612B	超纯镁锌二元合金的制备方法及其制备装置	2017.01.04	陕西西科博尔科技有限责任公司
9	CN104110258B	一种矿山井下钻孔测井分析仪与方法	2016.08.24	西安瑞泰电气有限公司
10	CN1588013A	蛇形光纤传感器埋入与测试方法及其蛇形光纤传感器	2005.03.02	中交隧道工程局有限公司

5. 西安科技大学专利情况总结

根据上述检索与分析的结果综述如下结论：

西安科技大学专利申请总数达 5470 件，2007 年之前申请量较少，2007 年后专利申请进入快速增长时期，每年均保持较高的增长率，2017 年专利申请量达 1474 件。但与省内其他高校相比，发明专利占比低，授权比例也有所下降，而实用新型专利近几年略占优势。

西安科技大学专利申请全部为中国专利，且大多属于校内科研团队自主研发，机构合作以陕西省内企业为主。建议鼓励校内科研人员有目的性的对重要的技术进行国外专利的申请，以扩大技术的保护范围；同时，加强与校外甚至国外机构的技术创新合作，努力拓展专利技术的国内外市场。

从有效专利的数量看，西安科技大学目前的有效专利量为 2115 件，有效比例为 38.67%，有效专利主要是近年来新授权的专利，也有少量早年授权的专利当前还处于有效状态中；建议及时关注这些专利的状态，保证专利权的正常维持。

西安科技大学的发明专利学科特色明显，主要是涉及矿业工程和岩土工程方面的技术创新。

从专利的授权情况上看，授权专利一共 4386 件。从授权比例上看，总体的授权比例为 80.18%，其中实用新型专利 3000 件，占比（54.84%）最大；另外，早年专利申请量较少而授权比例高，但近年授权比例下降的原因不排除是由专利处于审查期所致。

西安科技大学转让专利 10 件，转化率低，建议建立合适的平台，宣传西安科技大学专利成果，促进其有效转化。

1) 建议有计划的组织对科研人员尤其是重要创新团队科研人员的专利知识培训，提升科研人员的意识，提高他们对专利知识与技术应用的有效结合能力。

说明：报告中所提供的数据受数据库数据完整性和时效性的影响，故仅作参考。

报告撰写人：王璇 王晓文 吕亚娟

审核人：沈思



我校教师申请并授权的发明专利

(公开公告日: 2018.07.03~2018.12.11)

- 1、【申请号】CN201710944003
【名称】钻孔瓦斯抽采实验室模拟方法及封孔材料密封性测试方法
【公开(公告)日】2018.07.03
【发明(设计)人】张天军;蒋兴科;包若羽;张磊;宋爽;陈佳伟;葛迪;周敖;赵云红;范亚飞
- 2、【申请号】CN201610710117
【名称】一种六履带四摆臂救援机器人及其自主行走控制方法
【公开(公告)日】2018.07.03
【发明(设计)人】马宏伟;王川伟;马琨;薛旭升;尚万峰;夏晶;刘鹏;王岩;杨林
- 3、【申请号】CN201610903007
【名称】一种隐藏式矿用单体开关
【公开(公告)日】2018.07.06
【发明(设计)人】郭秀才;李海宁;杨勇
- 4、【申请号】CN201610695179
【名称】一种煤矿救援机器人远程控制系统和控制方法
【公开(公告)日】2018.07.06
【发明(设计)人】张旭辉;董润霖;马宏伟;毛清华;杜昱阳;王川伟
- 5、【申请号】CN201610652321
【名称】可遥控式双面擦玻璃机器人用控制系统及控制方法
【公开(公告)日】2018.07.06
【发明(设计)人】马宏伟;田海波;张一澍;张旭辉;王川伟;刘鹏
- 6、【申请号】CN201610814361
【名称】手动式煤矿掘进通风风筒出风口调控装置
【公开(公告)日】2018.07.06
【发明(设计)人】龚晓燕;张永强;焦婉莺;吴悦;惠双琳;黄彦德;王帅;薛河;李根;莫金明;薛馨宇;秦少妮;古晓蒙;赵敏贤;张欣怡
- 7、【申请号】CN201610458902
【名称】一种围压状态下土体剪切带扩展过程观测方法
【公开(公告)日】2018.07.03
【发明(设计)人】王晓华;李晓军;李昊;李洁梁
- 8、【申请号】CN201611001276
【名称】一种软岩隧道开挖及初期支护方法
【公开(公告)日】2018.07.03
- 9、【申请号】CN201610901057
【名称】一种矿山物料传输防掉落限位装置
【公开(公告)日】2018.07.03
【发明(设计)人】李海宁;郭秀才;杨勇
- 10、【申请号】CN201610653093
【名称】一种可遥控式双面擦玻璃机器人及其擦玻璃方法
【公开(公告)日】2018.07.03
【发明(设计)人】马宏伟;田海波;张一澍;毛清华;薛旭升;夏晶
- 11、【申请号】CN201610343013
【名称】充气式纸箱快速包装机
【公开(公告)日】2018.07.03
【发明(设计)人】王川伟;毛清华;岳俊阳;苏欣;杜月荣
- 12、【申请号】CN201610709774
【名称】六履带四摆臂救援机器人的自主越障避障行走控制方法
【公开(公告)日】2018.07.03
【发明(设计)人】王川伟;马宏伟;马琨;尚万峰;薛旭升;刘鹏;夏晶;杨林;王岩
- 13、【申请号】CN201610825090
【名称】基于眨眼识别与视觉诱发的 3D 打印机控制方法
【公开(公告)日】2018.07.10
【发明(设计)人】汪梅;赵海强;程松;吕元杰;朱阳阳;牛钦;张松志
- 14、【申请号】CN201610748346
【名称】一种高速公路护栏安装用快速打孔装置
【公开(公告)日】2018.07.10
【发明(设计)人】景宏君
- 15、【申请号】CN201610835463
【名称】基于圆拟合的眨眼检测方法
【公开(公告)日】2018.07.10
【发明(设计)人】汪梅;郭林;赵海强;徐长丰;朱亮;朱阳阳;张松志;牛钦
- 16、【申请号】CN201610835397
【名称】一种基于眨眼检测的疲劳驾驶监测方法
【公开(公告)日】2018.07.10



- 【发明(设计)人】汪梅;郭林;赵海强;徐长丰;
朱亮;朱阳阳;张松志;牛钦
- 17、【申请号】CN201611252643
【名称】一种货运索道自动挂钩装置
【公开(公告)日】2018.07.10
【发明(设计)人】余竹焕
- 18、【申请号】CN201610304775
【名称】一种新型钻井提速磁激励器
【公开(公告)日】2018.07.10
【发明(设计)人】于洋;陶亮;董晓博;刘颖
- 19、【申请号】CN201611001277
【名称】基于柔模支护的软岩隧道施工方法
【公开(公告)日】2018.07.10
【发明(设计)人】于远祥;陈宝平
- 20、【申请号】CN201610028073
【名称】大倾角煤层变角度综采/放工作面
伪仰斜变倾角布置方法
【公开(公告)日】2018.07.10
【发明(设计)人】王红伟;伍永平;曹沛沛;高
凯;武会杰
- 21、【申请号】CN201610458905
【名称】一种软土层滑坡灾害模拟试验方法
【公开(公告)日】2018.07.06
【发明(设计)人】李晓军;王晓华;李昊;李洁
梁
- 22、【申请号】CN201610458903
【名称】一种围压状态下软土层滑坡灾害模
拟试验方法
【公开(公告)日】2018.07.06
【发明(设计)人】李晓军;李洁梁
- 23、【申请号】CN201610301259
【名称】一种带有可调平装置的水准尺
【公开(公告)日】2018.07.20
【发明(设计)人】娄宁
- 24、【申请号】CN201610820727
【名称】一种基于闭环驾驶模型的驾驶员驾
驶状态辨识方法
【公开(公告)日】2018.07.20
【发明(设计)人】赵栓峰
- 25、【申请号】CN201610680939
【名称】煤矿瓦斯抽采钻孔漏气位置检测实
验室模拟系统及方法
【公开(公告)日】2018.07.17
【发明(设计)人】张天军;宋爽;李树刚;张超;
包若羽;王乾;张磊;尚宏波;魏文伟;董晓刚;
石涛
- 26、【申请号】CN201610866001
【名称】矿山钻孔救援多元信息生命侦测系
统及侦测方法
- 【公开(公告)日】2018.07.17
【发明(设计)人】郑学召;郭军;金永飞;文虎;
费金彪;邓军;张玉涛
- 27、【申请号】CN201610808663
【名称】地面钻孔灭火用液态二氧化碳的输
送装置和输送方法
【公开(公告)日】2018.07.17
【发明(设计)人】翟小伟;王凯;邓军;于志金;
张姍妮;王彩萍
- 28、【申请号】CN201611230222
【名称】一种煤与瓦斯突出模拟实验装置及
实验方法
【公开(公告)日】2018.07.13
【发明(设计)人】张天军;尚宏波;李树刚;包
若羽;马腾;宋爽;张磊;羽玥;董晓刚;蒋兴科
- 29、【申请号】CN201610741676
【名称】一种艺术设计专业用绘图架
【公开(公告)日】2018.07.13
【发明(设计)人】卢小飞
- 30、【申请号】CN201510259402
【名称】一种高温深井下充填体的相变降温
研究方法
【公开(公告)日】2018.07.13
【发明(设计)人】刘浪;郭洪泉
- 31、【申请号】CN201710743286
【名称】高温矿井充填体蓄热释热实验模拟
装置及方法
【公开(公告)日】2018.07.13
【发明(设计)人】张小艳;刘浪;张波;孙伟博;
陈柳;王美;秦学斌;王燕;邱华富;王湃
- 32、【申请号】CN201510260512
【名称】一种复合型生物质型煤粘结剂及其
制备方法和应用
【公开(公告)日】2018.07.13
【发明(设计)人】周安宁;李克伦;魏建国;杨
阳;贺新福
- 33、【申请号】CN201610285608
【名称】具有副边绕组磁复位功能的正激变
换电路及其复位方法
【公开(公告)日】2018.07.27
【发明(设计)人】刘树林;员翠平;曹剑;汪倩
倩;黄治;徐丹丹;韩跃云;张法旺
- 34、【申请号】CN201610841665
【名称】一种可调角度的三维物理相似模拟
实验架
【公开(公告)日】2018.07.24
【发明(设计)人】伍永平;武会杰;高凯;胡晋
林;刘茂福;武永强
- 35、【申请号】CN201610379636



- 【名称】一种煤矿井下外因火灾小尺寸模拟实验台
【公开(公告)日】2018.07.24
【发明(设计)人】马砺;刘晗;罗振敏;李珍宝;刘长春;张李荣
- 36、【申请号】CN201710456624
【名称】一种露天矿台阶爆破布孔方法
【公开(公告)日】2018.07.24
【发明(设计)人】肖双双;马力
- 37、【申请号】CN201611007514
【名称】一种伺服控制3D绘图机器人
【公开(公告)日】2018.07.24
【发明(设计)人】钟斌;葛晓林;张传伟
- 38、【申请号】CN201611246655
【名称】一种利用飞矸防护系统防护飞矸的方法
【公开(公告)日】2018.07.24
【发明(设计)人】伍永平;胡博胜;解盘石;武会杰;王红伟
- 39、【申请号】CN201610864577
【名称】一种四轮独立驱动电动汽车的协调控制方法
【公开(公告)日】2018.07.20
【发明(设计)人】张传伟;王娜婷;袁月;崔万豪;赵东刚
- 40、【申请号】CN201610364327
【名称】一种从打印废纸中分离出高纯度纤维素的方法
【公开(公告)日】2018.07.20
【发明(设计)人】杨志远;贺宇;刘娇萍;李智华
- 41、【申请号】CN201710161666
【名称】一种索梁组合式桥梁及其施工方法
【公开(公告)日】2018.07.20
【发明(设计)人】柴生波
- 42、【申请号】CN201610624082
【名称】矿井瓦斯爆炸冲击波对人体损伤破坏的仿真评估方法
【公开(公告)日】2018.07.20
【发明(设计)人】王秋红;邓军;李海涛;陈晓坤
- 43、【申请号】CN201710384311
【名称】涂层/基体复合材料界面结合强度测量装置及方法
【公开(公告)日】2018.08.07
【发明(设计)人】柴蓉霞;李凯凯;张传伟
- 44、【申请号】CN201610616692
【名称】咖啡酸-赖氨酸及其衍生物、制备方法和用途
【公开(公告)日】2018.08.07
【发明(设计)人】陈福欣;龚频;张少利;侯彬彬;马筱嫻;李侃社;周安宁
- 45、【申请号】CN201710204190
【名称】一种偏心轴式湿式多盘制动器
【公开(公告)日】2018.08.03
【发明(设计)人】张传伟;张腾;刘畅;赵斌斌
- 46、【申请号】CN201610459242
【名称】一种沿空留巷混凝土充填墙环形气囊模板
【公开(公告)日】2018.08.03
【发明(设计)人】李昂;马强;陈建博;李亮;牟谦;刘鹏
- 47、【申请号】CN201610537791
【名称】一种沿空留巷窄煤柱的锚固结构及加固方法
【公开(公告)日】2018.08.03
【发明(设计)人】李昂
- 48、【申请号】CN201610536888
【名称】一种沿空掘巷窄煤柱的加固方法
【公开(公告)日】2018.08.03
【发明(设计)人】李昂
- 49、【申请号】CN201610643582
【名称】基于牙冠与牙根特征的牙齿建模方法
【公开(公告)日】2018.08.03
【发明(设计)人】李占利;高天宇;李洪安;武璠菲
- 50、【申请号】CN201510593250
【名称】一种圆棒状激光晶体热管热沉式紧固冷却装置及方法
【公开(公告)日】2018.07.31
【发明(设计)人】刘海强
- 51、【申请号】CN201510593334
【名称】一种激光光束质量因子测量方法
【公开(公告)日】2018.07.31
【发明(设计)人】刘海强;常坤;武风波;汪正进
- 52、【申请号】CN201710379539
【名称】适用多种光学诊断方法的气体、粉尘爆炸及抑爆实验系统
【公开(公告)日】2018.07.31
【发明(设计)人】罗振敏;王涛;程方明;王亚超;苏彬;邓军;陈晓坤;易欣;王秋红;李海涛
- 53、【申请号】CN201610653164
【名称】一种擦玻璃机器人用控制方法
【公开(公告)日】2018.08.17
【发明(设计)人】田海波;马宏伟;张一澍;尚万峰;魏娟;王川伟



- 54、【申请号】CN201611101652
【名称】一种基于非牛顿流体的软质减压防爆门
【公开(公告)日】2018.08.17
【发明(设计)人】文虎;樊世星;程小蛟;郭军;许延辉;李海涛
- 55、【申请号】CN201610835161
【名称】煤矿井下四轮独立驱动电动车制动能量回收系统及方法
【公开(公告)日】2018.08.14
【发明(设计)人】张传伟;李帅田
- 56、【申请号】CN201610757161
【名称】一种变距式全差动刚性旋翼系统及其变距方法
【公开(公告)日】2018.08.14
【发明(设计)人】张东升;刘欢;李长骏;魏江鹏;田爱芬
- 57、【申请号】CN201710979751
【名称】一种在空间大地测量中求解任意旋转角三维坐标转换参数的方法
【公开(公告)日】2018.08.14
【发明(设计)人】马下平
- 58、【申请号】CN201710456625
【名称】一种抛掷爆破智能施工方法
【公开(公告)日】2018.08.14
【发明(设计)人】肖双双;马力
- 59、【申请号】CN201611258762
【名称】矿用移动式液态二氧化碳防灭火系统
【公开(公告)日】2018.08.14
【发明(设计)人】王伟峰;马砺;魏高明;李珍宝
- 60、【申请号】CN201510257159
【名称】一种油罐储区消防用火灾监测及灭火机器人
【公开(公告)日】2018.08.14
【发明(设计)人】马砺;文虎;白磊;李珍宝;郑学召;张李荣
- 61、【申请号】CN201610653110
【名称】带有升降式行走机构的擦玻璃机器人及其擦玻璃方法
【公开(公告)日】2018.08.10
【发明(设计)人】田海波;马宏伟;张一澍;魏娟;尚万峰;薛旭升
- 62、【申请号】CN201510026915
【名称】一种基于三角网格简化的纹理映射方法
【公开(公告)日】2018.08.07
【发明(设计)人】李占利;刘小靖
- 63、【申请号】CN201710071074
【名称】多级纳米片构筑的三维分等级二氟氧钛微米球及其制备方法和应用
【公开(公告)日】2018.08.28
【发明(设计)人】侯晨涛;柳文莉;李妍洁;朱佳明;宋乔乔;吴彤
- 64、【申请号】CN201610574176
【名称】综掘工作面风筒出风口全方位调控装置
【公开(公告)日】2018.08.28
【发明(设计)人】龚晓燕;李根;焦婉莹;张永强;古晓蒙;莫金明;薛馨禹;秦少妮;赵敏贤;薛河;张欣怡
- 65、【申请号】CN201610512755
【名称】双马来酰胺酸基钙锌复合热稳定剂、制备方法及应用
【公开(公告)日】2018.08.28
【发明(设计)人】李侃社;李苗;梁耀东;康洁;牛红梅;汪晓芹;闫兰英;陈创前;章结兵;李锦;朱雪丹
- 66、【申请号】CN201610810694
【名称】一种可适应多比例的物理相似模拟实验平台
【公开(公告)日】2018.08.24
【发明(设计)人】伍永平;胡晋林;解盘石;胡博胜;武永强
- 67、【申请号】CN201710919815
【名称】一种以金属氧化物为原料制备耐磨耐久性彩色超疏水材料的方法
【公开(公告)日】2018.08.24
【发明(设计)人】何金梅;屈孟男;何姣;袁明娟;王一帆;薛萌辉
- 68、【申请号】CN201711194743
【名称】机动车行驶前方物体视频测距及方向定位方法
【公开(公告)日】2018.08.24
【发明(设计)人】秦学斌
- 69、【申请号】CN201610424940
【名称】一种用于三相全桥整流电路晶闸管故障诊断的方法
【公开(公告)日】2018.08.24
【发明(设计)人】杜京义;蔡驰;高瑞;周艳玲;王立春;殷聪;赵国欣
- 70、【申请号】CN201710792466
【名称】复合馈能式磁流变半主动座椅悬架及其控制方法
【公开(公告)日】2018.08.24
【发明(设计)人】寇发荣;曾宪梓
- 71、【申请号】CN201610589777



- 【名称】一种用于镇流器成品入包装盒的装置
【公开(公告)日】2018.08.21
【发明(设计)人】汪卫兵;李方;朱茂进
- 72、【申请号】CN201610887367
【名称】一种竹节形外立面超高层建筑结构附着式爬架及提升方法
【公开(公告)日】2018.08.17
【发明(设计)人】熊光红
- 73、【申请号】CN201610718097
【名称】一种多视窗多功能气体、粉尘爆炸抑爆实验系统
【公开(公告)日】2018.09.14
【发明(设计)人】罗振敏;程方明;管琦;邓军;文虎;陈晓坤;王秋红;张嫵妮;王亚超;王涛;张江
- 74、【申请号】CN201410628931
【名称】大采深、大跨度综放采煤工作面顶板砂岩裂隙水探防方法
【公开(公告)日】2018.09.14
【发明(设计)人】牛超;邱梅;朱鲁;施龙青
- 75、【申请号】CN201510523081
【名称】一种车用动态加油系统
【公开(公告)日】2018.09.14
【发明(设计)人】张武
- 76、【申请号】CN201610048401
【名称】一种矿物浮选系统
【公开(公告)日】2018.09.14
【发明(设计)人】刘莉君;于伟;樊晓萍;王永田
- 77、【申请号】CN201710206509
【名称】一种浅埋深煤层采动松散层入渗率变化测量方法
【公开(公告)日】2018.09.11
【发明(设计)人】肖乐乐;牛超;聂文杰;王生全;曾社教;赵璐;武中山
- 78、【申请号】CN201610835121
【名称】一种永磁钻床
【公开(公告)日】2018.09.07
【发明(设计)人】薛河;庄泽城;谢红龙;王帅;倪陈强
- 79、【申请号】CN201610623603
【名称】一种微波辅助提选金属矿物的方法
【公开(公告)日】2018.09.07
【发明(设计)人】代俊;李传净;杨强
- 80、【申请号】CN201611073145
【名称】一种快速确定埋地管线位置的标识装置及方法
【公开(公告)日】2018.09.04
- 【发明(设计)人】申艳军;杨阳
- 81、【申请号】CN201510523837
【名称】一种车用动态加油接头
【公开(公告)日】2018.08.31
【发明(设计)人】张武
- 82、【申请号】CN201610596901
【名称】一种超级电容多模式快速充电电路的设计方法
【公开(公告)日】2018.08.31
【发明(设计)人】刘树林;张法旺;韩跃云;周闵阳光;徐惠三;聂桑
- 83、【申请号】CN201610511678
【名称】一种稀土配合物及其制备方法和应用
【公开(公告)日】2018.09.18
【发明(设计)人】李侃社;李苗;梁耀东;康洁;牛红梅;汪晓芹;闫兰英;陈创前;章结兵;李锦;朱雪丹
- 84、【申请号】CN201610479454
【名称】一种近距离煤层巷道底臃治理方法
【公开(公告)日】2018.09.18
【发明(设计)人】于远祥
- 85、【申请号】CN201710812315
【名称】一种可变耦合度的宽带射频电桥
【公开(公告)日】2018.09.18
【发明(设计)人】马延军;王倩;辛梦娜;朱代先;代新冠;刘凌志
- 86、【申请号】CN201610872454
【名称】一种皮带运输系统
【公开(公告)日】2018.09.18
【发明(设计)人】张传伟;赵东刚;崔万豪;王挪婷
- 87、【申请号】CN201711058821
【名称】一种宽频带正交信号产生装置
【公开(公告)日】2018.09.18
【发明(设计)人】王静
- 88、【申请号】CN201610916885
【名称】开关电源输入电压范围拓展电路的设计方法
【公开(公告)日】2018.09.18
【发明(设计)人】刘树林;付垚;张法旺;韩跃云;刘锦涛
- 89、【申请号】CN201510726132
【名称】人字齿面齿轮传动机构及其人字齿面齿轮的铣齿加工方法
【公开(公告)日】2018.09.18
【发明(设计)人】彭先龙
- 90、【申请号】CN201610575531
【名称】轮翻式电动爬楼运货车



- 【公开(公告)日】2018.09.18
【发明(设计)人】倪陈强;张传伟;苟思育;张亮;张曾强;曹双露
- 91、【申请号】CN201711068807
【名称】一种边缘馈电的抛物面锥体超宽带天线
【公开(公告)日】2018.09.18
【发明(设计)人】王静
- 92、【申请号】CN201510555813
【名称】具有突变隧穿结的绝缘层上张应变锗 TFET 及制备方法
【公开(公告)日】2018.09.14
【发明(设计)人】李舒晨;张超;张岩;徐大庆;秦学斌
- 93、【申请号】CN201611088154
【名称】一种悬臂式掘进机虚拟培训系统的培训方法
【公开(公告)日】2018.10.09
【发明(设计)人】张旭辉;陈利;刘龙;杜昱阳;刘永伟;姚闯
- 94、【申请号】CN201610831656
【名称】一种 TiOF 向 TiO 转化的非高温超声处理方法
【公开(公告)日】2018.10.09
【发明(设计)人】侯晨涛;柳文莉;李妍洁;吴彤;宋乔乔
- 95、【申请号】CN201711178659
【名称】深井含冰充填料浆充填及采场降温实验室模拟装置及方法
【公开(公告)日】2018.10.02
【发明(设计)人】王美;刘浪;张小艳;陈柳;张波;姬长发;孙伟博;秦学斌;王湃;邱华富;王燕;王诗祺;方治余;辛杰;朱超
- 96、【申请号】CN201711178655
【名称】深井含冰充填料浆充填及充填体应力分布实验装置及方法
【公开(公告)日】2018.10.02
【发明(设计)人】王美;刘浪;陈柳;张小艳;姬长发;张波;秦学斌;邱华富;孙伟博;王湃;贾宇航;方治余;朱超;辛杰
- 97、【申请号】CN201610309522
【名称】一种煤与瓦斯共采三维物理模拟综合实验系统
【公开(公告)日】2018.09.28
【发明(设计)人】李树刚;林海飞;魏宗勇;肖鹏;潘红宇;赵鹏翔;刘超;成连华;丁洋;杨守国;李莉;许满贵
- 98、【申请号】CN201611148339
【名称】一种二氧化碳相变制裂实验装置
【公开(公告)日】2018.09.28
【发明(设计)人】孙伟博;王燕
- 99、【申请号】CN201711058376
【名称】一种施工放样虚拟前方交会方法
【公开(公告)日】2018.09.25
【发明(设计)人】朱庆伟;刘明明
- 100、【申请号】CN201610330413
【名称】一种可大幅无损弯曲的氧化铝陶瓷箔及其制备方法
【公开(公告)日】2018.09.21
【发明(设计)人】蔡辉;徐苗;麻凤娇;郭倩
- 101、【申请号】CN201710548014
【名称】有线控制机器人用线缆收放装置及线缆收放方法
【公开(公告)日】2018.09.21
【发明(设计)人】马宏伟;马琨;王川伟;薛旭升;尚万峰;夏晶;刘鹏;杨林;王岩
- 102、【申请号】CN201610813902
【名称】一种长管道内可连续旋转支撑自稳定行走防变形装置
【公开(公告)日】2018.09.18
【发明(设计)人】魏娟;陆盼;郭盼盼;田海波
- 103、【申请号】CN201610972214
【名称】一种助力式弹出插座
【公开(公告)日】2018.10.19
【发明(设计)人】郭卫;李凯凯;柴蓉霞
- 104、【申请号】CN201610936453
【名称】一种可拆装便携式逃生装置
【公开(公告)日】2018.10.16
【发明(设计)人】彭龙贵;邱洲;符银昌;孙伟;刘宝祥;朱江花;王秀秀
- 105、【申请号】CN201510057965
【名称】一种液体冲力流速测量仪及其测量方法
【公开(公告)日】2018.10.16
【发明(设计)人】秋兴国;郭艳艳;贾澎湃;任义;王艳
- 106、【申请号】CN201710023928
【名称】防治煤自燃的离子液体阻化剂发生装置
【公开(公告)日】2018.10.16
【发明(设计)人】肖旻;邓军;吕慧菲;徐启铭;魏高明
- 107、【申请号】CN201710454337
【名称】一种基于机器视觉的皮带输送机安全智能保障系统
【公开(公告)日】2018.10.12
【发明(设计)人】马宏伟;王川伟;薛旭升;毛清华;杨文娟;张旭辉;刘鹏;夏晶;尚万峰;田



- 海波;马琨;王岩;杨林;张璞;夏伟
- 108、【申请号】CN201710406664
【名称】多功能纸箱包装机
【公开(公告)日】2018.10.12
【发明(设计)人】王川伟;彭亮;孙广越;陈奕生;苏禄福;万继成
- 109、【申请号】CN201610633317
【名称】单履带智能巡检机器人
【公开(公告)日】2018.10.12
【发明(设计)人】王川伟
- 110、【申请号】CN201610040753
【名称】力电耦合测裂纹扩展速率检测方法
【公开(公告)日】2018.10.12
【发明(设计)人】杨宏亮
- 111、【申请号】CN201610624662
【名称】一种煤矿井下用轨道起吊车
【公开(公告)日】2018.10.12
【发明(设计)人】王建国;傅文;傅瑜;李逵
- 112、【申请号】CN201611246464
【名称】一种用于管道耐蚀阻燃的玻璃钢复合涂层及制备方法
【公开(公告)日】2018.10.09
【发明(设计)人】王冬平;邵水源;程红林;左胜;赵新平;张益龙;郭建斌;赵乐琴;李永勃;王知;范阳;郝强强;张洋;黄奕涵;梁姣利
- 113、【申请号】CN201610828260
【名称】基于专家系统的双重求救式无线安全报警装置及方法
【公开(公告)日】2018.10.30
【发明(设计)人】侯媛彬;陈显;宋柏佑;白云;宋春峰;王伟峰;卢志强;高美娥;张文娟;李东;罗艳;许文杰;何柳;刘改业
- 114、【申请号】CN201511034045
【名称】一种接地网腐蚀速率等级预测方法
【公开(公告)日】2018.10.30
【发明(设计)人】崔江霞;杜京义;杨学存;贺虎成
- 115、【申请号】CN201610658213
【名称】矿井主井箕斗定重装载称重装置及方法
【公开(公告)日】2018.10.23
【发明(设计)人】李曼;金楠
- 116、【申请号】CN201610929835
【名称】冰箱制冷管自动清洗装置及方法
【公开(公告)日】2018.10.23
【发明(设计)人】周奇勋
- 117、【申请号】CN201611163805
【名称】一种抑制煤自燃的环保型离子液体阻化剂
【公开(公告)日】2018.10.23
【发明(设计)人】邓军;肖旻;白祖锦;徐启铭;王彩萍;易欣
- 118、【申请号】CN201710994250
【名称】基于语音特征和人脸识别的门禁系统的控制方法
【公开(公告)日】2018.10.23
【发明(设计)人】秦学斌
- 119、【申请号】CN201610049597
【名称】折反射全景相机与激光雷达数据融合标定方法
【公开(公告)日】2018.10.23
【发明(设计)人】马宏伟;王岩;尚万峰;薛旭升;王川伟;马琨
- 120、【申请号】CN201610978528
【名称】一种纳米 ZrC-SiC 复合粉体的制备方法
【公开(公告)日】2018.10.19
【发明(设计)人】廉晓庆
- 121、【申请号】CN201711335037
【名称】机器人自平衡模拟实验系统及方法
【公开(公告)日】2018.10.19
【发明(设计)人】张奇;刘心怡
- 122、【申请号】CN201610821415
【名称】一种刮板输送机飘链故障诊断方法
【公开(公告)日】2018.10.19
【发明(设计)人】马宏伟;董刚;南源桐;张旭辉;毛清华;聂珍
- 123、【申请号】CN201610285677
【名称】小斗提升式机械清理撒煤系统
【公开(公告)日】2018.11.09
【发明(设计)人】邵小平;刘二帅;柴敬;张战平;薛杨;陶叶青;蔡小林;武军涛
- 124、【申请号】CN201610286157
【名称】立爪提升式机械清理撒煤系统
【公开(公告)日】2018.11.09
【发明(设计)人】邵小平;陶叶青;柴敬;李鑫;王龙;张战平;刘二帅;薛杨;李瑞千
- 125、【申请号】CN201611043088
【名称】矿井热动力灾害救援过程中继发性瓦斯爆炸判定方法
【公开(公告)日】2018.11.09
【发明(设计)人】郭军;郑学召;文虎;金永飞;邓军;王亚超;刘文永;李亚清;费金彪;李海涛;张铎
- 126、【申请号】CN201610286556
【名称】螺旋提升式机械清理撒煤系统
【公开(公告)日】2018.11.09



- 【发明(设计)人】邵小平;刘二帅;陶叶青;王龙;李鑫;张战平;薛杨;武军涛;蔡小林;李瑞千
- 127、【申请号】CN201610519578
【名称】一种基于 DLP 技术的成型粉末及粉末面成型装置
【公开(公告)日】2018.11.09
【发明(设计)人】杨来侠;王勃;龚林
- 128、【申请号】CN201610458868
【名称】一种土体剪切带的剪切试验装置及剪切试验方法
【公开(公告)日】2018.11.06
【发明(设计)人】李晓军;王晓华;李洁梁;李昊
- 129、【申请号】CN201710976992
【名称】一种基于 ERT 传感器的自适应多相流测量装置
【公开(公告)日】2018.11.06
【发明(设计)人】王湃
- 130、【申请号】CN201610458867
【名称】一种围压状态下土体剪切试验装置及剪切试验方法
【公开(公告)日】2018.11.06
【发明(设计)人】李晓军;王晓华;李洁梁;李昊
- 131、【申请号】CN201610011463
【名称】一种金属材料单轴性能测试夹具
【公开(公告)日】2018.11.02
【发明(设计)人】钟斌;张传伟;徐超
- 132、【申请号】CN201710124968
【名称】一种货运索道行走小车自动挂索装置及方法
【公开(公告)日】2018.10.30
【发明(设计)人】余竹焕
- 133、【申请号】CN201610508990
【名称】煤矿供配电系统动态模拟方法
【公开(公告)日】2018.11.13
【发明(设计)人】王清亮
- 134、【申请号】CN201610589776
【名称】一种用于镇流器包装盒装箱工序自动线设计
【公开(公告)日】2018.11.13
【发明(设计)人】汪卫兵;李方;朱茂进
- 135、【申请号】CN201610970108
【名称】聚集诱导发红光材料及其制备方法
【公开(公告)日】2018.11.13
【发明(设计)人】赵秋丽
- 136、【申请号】CN201610970372
【名称】一种聚集诱导发红光材料及其制备方法
- 方法
【公开(公告)日】2018.11.13
【发明(设计)人】赵秋丽
- 137、【申请号】CN201710404443
【名称】一种高致密性高导热钨铜材料的制备方法
【公开(公告)日】2018.12.11
【发明(设计)人】陈进;曹佳欣
- 138、【申请号】CN201610077380
【名称】一种啁啾纠缠光子对的压缩装置及方法
【公开(公告)日】2018.12.07
【发明(设计)人】李百宏
- 139、【申请号】CN201611183026
【名称】露天煤矿的开采方法
【公开(公告)日】2018.12.04
【发明(设计)人】马力;张宝卫;马占一;周永利;罗怀廷;肖双双;彭洪阁
- 140、【申请号】CN201510322850
【名称】一种便携式接地网腐蚀状态监测系统和监测方法
【公开(公告)日】2018.11.27
【发明(设计)人】王来军;梁向阳;方强华;张渤;王媛彬;杜京义
- 141、【申请号】CN201610173926
【名称】一种数学模型演示教具
【公开(公告)日】2018.11.23
【发明(设计)人】金浩;张思
- 142、【申请号】CN201710032008
【名称】基于模量突变的双极高压直流输电线路纵联保护方法
【公开(公告)日】2018.11.23
【发明(设计)人】高淑萍;刘琪;宋国兵
- 143、【申请号】CN201610590634
【名称】一种用于软启动的柔性扭矩增量联轴器
【公开(公告)日】2018.11.23
【发明(设计)人】于洋;陶亮;张怡;韩新龙;王夏丹
- 144、【申请号】CN201710123725
【名称】一种基于蓝牙通信的 RGBW-LED 音乐彩灯
【公开(公告)日】2018.11.20
【发明(设计)人】刘晓荣;柴钰;卫莱;程庆宇
- 145、【申请号】CN201810097843
【名称】一种基于图像处理的胶结充填体微观参数敏感性分析方法
【公开(公告)日】2018.11.20



- 【发明(设计)人】秦学斌;刘浪;张波;王湃;
陈柳;王美;张小艳;孙伟博;邱华富;王燕;方
治余;朱超;辛杰
146、【申请号】CN201710047056
【名称】基于深度数据和鱼眼图像的汽车 A

柱盲区透视方法
【公开(公告)日】2018.11.16
【发明(设计)人】秦学斌

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学院名称	SCI	EI	ISTP	合计
电气与控制工程学院	2	40	5	47
安全科学与工程学院	18	21	2	41
地质与环境学院	21	17	2	40
测绘科学与技术学院	18	20	2	40
通信与信息工程学院	5	28	3	36
机械工程学院	12	20	3	35
化学与化工学院	20	11	3	34
能源学院	8	25	1	34
建筑与土木工程学院	13	17	1	31
理学院	5	20	1	26
材料科学与工程学院	14	9	3	26
计算机科学与技术学院	3	16	1	20
管理学院	1	6	2	9
工程训练中心		2		2
合 计	140 篇	252 篇	29 篇	421 篇

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我校各学院被 EI 收录的部分论文

(2018.06.15~2018.12.11)



化学与化工学院

1. 标题: **Fabrication of durable superamphiphobic materials on various substrates with wear-resistance and self-cleaning performance from kaolin**
作者: Qu, Mengnan (College of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Ma, Xuerui; Hou, Lingang; Yuan, Mingjuan; He, Jiao; Xue, Menghui; Liu, Xiangrong; He, Jinmei
Accession number: 20182605379891
2. 标题: **Timed disintegrating of the liquid marbles containing triton X-100**
作者: Wang, Caixia (Department of Applied Chemistry, Xi'an University of Science and Technology, Xi'an; 710054, China); He, Yongjun
Accession number: 20183705798814
3. 标题: **Assembling of Sulfur Quantum Dots in Fission of Sublimed Sulfur**
作者: Shen, Lihua (College of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Wang, Hongni; Liu, Shengnan; Bai, Zhuangwei; Zhang, Sichun; Zhang, Xinrong; Zhang, Chengxiao
Accession number: 20182405296627
4. 标题: **Hydrodesulfurization of 4,6-dimethyldibenzothiophene over NiMo sulfide catalysts supported on meso-microporous Y zeolite with different mesopore sizes**
作者: Zhou, Wenwu (School of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Wei, Qiang; Zhou, Yasong; Liu, Meifang; Ding, Sijia; Yang, Qi
Accession number: 20182905558795
5. 标题: **Hydroxide conduction enhancement of chitosan membranes by functionalized MXene**
作者: Wang, Lina (College of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Shi, Benbing
Accession number: 20184806141598
6. 标题: **Long-Persistent Circularly Polarized Phosphorescence from Chiral Organic Ionic Crystals**
作者: Chen, Wenjie (Beijing National Laboratory for Molecular Science, CAS Key Laboratory of Colloid Interface and Chemical Thermodynamics, Institute of Chemistry, Chinese Academy of Sciences, No. 2 ZhongGuanCun BeiYiJie, Beijing; 100190, China); Tian, Zimin (College of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, No. 58, Yanta Road, Xi'an; 710054, China); Li, Yuangang; Jiang, Yuqian; Liu, Minghua; Duan, Pengfei
Accession number: 20184506045478
7. 标题: **Substrate-versatile approach to multifunctional superamphiphobic coatings with mechanical durable property from quartz sand**
作者: Qu, Mengnan (College of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Yuan, Mingjuan; He, Jiao; Xue, Menghui; Ma, Xuerui; Hou, Lingang; Zhang, Tianjun; Liu, Xiangrong; He, Jinmei
Accession number: 20183205675709
8. 标题: **Flotation characteristics of oxidized coal slimes within low-rank metamorphic**
作者: Cai, Yuchu (School of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Du, Meili; Wang, Shuili; Liu, Lei
Accession number: 20183805825230
9. 标题: **Electroflotation separation of coal macerals and its electro-coagulation characteristics**
作者: Zhao, Wei (College of Chemistry & Chemical Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Li, Zhen; Yang, Zhiyuan; Zhou, Anning
Accession number: 20183905880329
10. 标题: **Research progress in heat conductive CNTs/polymer composites**
作者: He, Xinfu (School of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Zhang, Xiaoqin; Wang, Di; Wu, Hongju; Zhou, Wenying
Accession number: 20184606067993
11. 标题: **Mineral liberation analysis on coal components separated using typical comminution methods**
作者: Li, Zhen (College of Chemistry and Chemical Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Fu, Yanhong; Yang, Chao; Yu, Wei; Liu, Lijun; Qu, Jinzhou; Zhao, Wei
Accession number: 20182705406749



建筑与土木工程学院

1. 标题: **Experiments on the damage characteristics and fracture process of single-joint quasi-sandstone under the cyclic freezing-thawing and cyclic loading**
作者: Shen, Yanjun (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Yang, Gengshe; Wang, Ming; Jia, Hailiang; Zhang, Huimei; Gao, Xicai
Accession number: 20183505757656
2. 标题: **Research progress and tendency in characteristics of multi-scale damage mechanics of rock under freezing-thawing**
作者: Yang, Gengshe (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Shen, Yanjun; Jia, Hailiang; Wei, Yao; Zhang, Huimei; Liu, Hui
Accession number: 20183505757640
3. 标题: **Deformation Law and Flexible Formwork Support Technology of Soft Rock Tunnel Based on Force Analysis of Rock Bolt**
作者: Yu, Yuan-Xiang (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Chen, Bao-Ping; Zhang, Tao; Zhang, Jie
Accession number: 20183605782024
4. 标题: **Influence of temperature on the microstructure deterioration of sandstone**
作者: Shen, Yan-Jun (College of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Yu-Liang; Gao, Feng; Yang, Geng-She; Lai, Xing-Ping
Accession number: 20183305681990
5. 标题: **The Impact of Temperatures on the Stability of Rocks Surrounding a Single Fracture**
作者: Zhang, Yan (Institute of Geotechnical Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Li, Ning; Dai, Jun
Accession number: 20183105635916
6. 标题: **Study on the characteristics of the micro-pollution river purified by the immobilized carrier filler sponge iron**
作者: Wan, Qiong (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Wu, Yi; Wang, Xin; Wu, Yinghai; Wei, Dongyang; He, Tao; Jiang, Qi
Accession number: 20184105932872
7. 标题: **Stability analysis of tunnel supported by bolt-surrounding rock bearing structure**
作者: Gu, Shuan-Cheng (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Zhou, Pan; Huang, Rong-Bin
Accession number: 20184606067935
8. 标题: **Modeling of Nitrous Oxide Production by Ammonium-Oxidizing Bacteria**
作者: Ding, Xiaoqian (School of Environmental Science and Engineering, Chang'an University, Xi'an, Shaanxi; 710064, China; School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an, China); Zhao, Jianqiang; Gao, Kun; Hu, Bo; Li, Xiaoling; Ge, Guanghuan; Yu, Yangyang; Wu, Jinna
Accession number: 20183205678416
9. 标题: **Reduction and accumulative characteristics of dissolved heavy metals in modified bioretention media**
作者: Li, Yajiao (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Wen, Meng; Li, Jiak; Chai, Beibei; Jiang, Chunbo
Accession number: 20184305991798
10. 标题: **Zonal disintegration of surrounding rock in deep underground cave based on force analysis of rock bolts**
作者: Yu, Yuanxiang (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Chen, Baoping; Wang, Fuyu; Wang, Jingbin; Ke, Da
Accession number: 20183705792065
11. 标题: **Numerical analysis and case study on the mitigation of mining damage to the floor of no. 5 coal seam of Taiyuan Group by grouting**
作者: Li, A. (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, China); Liu, Y.; Mou, L.; Li, K.
Accession number: 20182805537681



12. 标题: **Experimental Study on Shear Mechanical Properties of Water-Soluble Polyurethane Concrete**
作者: Zhang, Yan (Institute of Geotechnical Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Zhang, Haobo; Xia, Yong
Accession number: 20183405734988
13. 标题: **The influence of temperature and moisture content on sandstone thermal conductivity from a case using the artificial ground freezing(AGF) method**
作者: Shen, Yan-jun (College of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Wang, Yong-zhi; Zhao, Xiao-dong; Yang, Geng-she; Jia, Hai-liang; Rong, Teng-long
Accession number: 20183305700655
14. 标题: **Influence of water content on the physical and mechanical behaviour of argillaceous siltstone and some microscopic explanations**
作者: Jia, Hailiang (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Wang, Ting; Xiang, Wei; Tan, Long; Shen, Yanjun; Yang, Gengshe
Accession number: 20183705792064
15. 标题: **Scale effects of damage to loess structure under freezing and thawing conditions**
作者: Ye, Wan-Jun (College of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Li, Chang-Qing; Yang, Geng-She; Liu, Zhong-Xiang; Peng, Rui-Qi
Accession number: 20184205947270
16. 标题: **Force rule of composite lining considering creep of tunnel surrounding rock**
作者: Gu, Shuan-Cheng (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Huang, Rong-Bin; Su, Pei-Li
Accession number: 20182405298794
17. 标题: **Acoustic Emission Characteristics of Compression Damage of Coal Gangue Concrete after Freeze-Thaw Cycles**
作者: Qiu, Jisheng (School of Architecture and Civil Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Pan, Du; Guan, Xiao; Wang, Minhuang; Zheng, Juanjuan; Xiao, Qianhui
Accession number: 20182805523270

材料科学与工程学院

1. 标题: **Preliminary study on the acid removal rate of element in the different rank of coal**
作者: Yang, Jianye (College of Material Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Weiguo; Qu, Lianying
Accession number: 20183805818207
2. 标题: **High-temperature Friction and Wear Resistance of Ni-Co-SiC Composite Coatings**
作者: Guo, Fang (College of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Sun, Wan-Chang; Jia, Zong-Wei; Liu, Xiao-Jia; Dong, Ya-Ru
Accession number: 20183105635910
3. 标题: **Planar solid-state amperometric hydrogen gas sensor based on Nafion®/Pt/nano-structured polyaniline/Au/Al₂O₃ electrode**
作者: Do, Jing-Shan (Department of Chemical and Materials Engineering, National Chin-Yi University of Technology, Taichung, Taiwan; College of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an, China); Chen, Yu-Yong; Tsai, Ming-Liao
Accession number: 20182605380023
4. 标题: **Electrical properties of La₂Mo_{1.98}Nb_{0.02}O_{8.99} oxide ionic conductors prepared by tape casting)**
作者: Liu, Xiao (College of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Xu, Xiaomin; Du, Huiling
Accession number: 20182605358146
5. 标题: **High energy-storage properties of Bi_{0.5}Na_{0.5}TiO₃-BaTiO₃-SrTi_{0.875}Nb_{0.125} lead-free relaxor ferroelectrics**
作者: Shi, Jing (Key Laboratory of Electronic Equipment Structure Design (Ministry of Education), School of Mechano-Electronic Engineering, Xidian University, Xi'an; 710071, China); Liu, Xiao (College of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Tian, Wenchao
Accession number: 20182605359289



6. 标题: **Electrochemical study on the corrosion behaviors of 316 SS in HITEC molten salt at different temperatures**
作者: Zhu, Ming (College of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zeng, Song; Zhang, Huihui; Li, Junyi; Cao, Boyuan
Accession number: 20182705404471
7. 标题: **Advances in Synthesis and Purification Methods of Ionic Liquids**
作者: Bian, Jiepeng (School of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710000, China); Yang, Qinghao
Accession number: 20184706112727
8. 标题: **Property of a/b sites substituted bismuth sodium titanate based piezoelectrics**
作者: Liu, Xiao (College of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Xu, Xiao-Min; Du, Hui-Ling
Accession number: 20183705791895
9. 标题: **Effect of Solution Treatment on Microstructure and Corrosion Resistance of AZ91HP Magnesium Alloy**
作者: Guo, Lingling (School of Materials Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Jumei; Zhang, Yang; Cai, Hui
Accession number: 20183405734947

地质与环境学院

1. 标题: **Application of plasma treatment in preparation of soybean oil factory sludge catalyst and its application in selective catalytic oxidation (SCO) denitration**
作者: Zhang, Lei (School of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Yang, Chao; Zhang, Lei; He, Huibin; Luo, Min; Jia, Yang; Li, Yonghui
Accession number: 20183705807612
2. 标题: **Geometry and geodynamic mechanism of buckle folds in Hancheng mining area**
作者: Xia, Yucheng (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Sun, Tingchen; Liang, Qianwen; Wang, Shengrong; Du, Shaohua; Liu, Pengcheng
Accession number: 20183505758003
3. 标题: **A novel treatment method of PVC-medical waste by near-critical methanol: Dechlorination and additives recovery**
作者: Qi, Yingying (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); He, Jiahuan; Li, Yifan; Yu, Xuan; Xiu, Fu-Rong; Deng, Yuehua; Gao, Xiang
Accession number: 20183705794878
4. 标题: **Grey Relational Analysis of Geological Hazards and Urbanization Construction in China**
作者: Wang, Nianqin (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Pu, Kaichao
Accession number: 20183405734954
5. 标题: **Evaluation of Mine Geo-environment Quality in Shangnan Country Based on Information Weight Method and Set Pair Analysis**
作者: Wang, Nianqin (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Renwei
Accession number: 20183405734952
6. 标题: **Analysis on the influence of heavy rainfall on slope stability**
作者: Zhao, Xiaoguang (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an, China); Sun, Yanjie; Feng, Qiuyan
Accession number: 20183405734403
7. 标题: **Study on the distribution of microseismic activities caused by longwall mining**
作者: Chen, Tong (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Wang, Shuangming; Wang, Yue; Cheng, Guanwen
Accession number: 20184406002119
8. 标题: **Prediction of geotemperatures in coal-bearing strata and implications for coal bed methane accumulation in the Bide-Santang basin, western Guizhou, China**
作者: Guo, Chen (College of Geology and Environment, Xi'an University of Science & Technology, Xi'an;



- 710054, China; Stations for Post-doctoral Research of Geological Resources and Geological Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Qin, Yong; Ma, Dongmin; Yang, Zhaobiao; Lu, Lingling
Accession number: 20183005603581
9. 标题: **Evaluation of Water-richness of Coal Seam Roof Based on Fractal Theory**
作者: Dai, Gelian (School of Geology and Environment, Xi'an University of Science and Technology, Xi'an, Shaanxi province; 710054, China); Wang, Yazhou; Niu, Chao
Accession number: 20184706124862
10. 标题: **Partial oxidation treatment of waste polyvinyl chloride in critical water: Preparation of benzaldehyde/acetophenone and dechlorination**
作者: Qi, Yingying (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); He, Jiahuan; Xiu, Fu-Rong; Nie, Wenjie; Chen, Mengjun
Accession number: 20182705406922
11. 标题: **The Design and Implementation of the Honeypot System Based on Spark**
作者: Chen, Wei (Xi An University of Science and Technology, Xian, Shanxi; 710000, China); Yao, Jun; Tan, Jingjing
Accession number: 20182805539755
12. 标题: **Preparation of Ca²⁺ Imprinted Cross-linked Modified Chitosan and Its Adsorption Properties for Cd²⁺**
作者: Cheng, Ai-Hua (College of Geology & Environment, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Qian, Da-Peng; Yao, Meng-Yao
Accession number: 20182905573941
13. 标题: **Classification Evaluation of Loess Slope Stability Based on the Combination Weight of Game Theory**
作者: Zhang, Shuai (College of Environment and Geology, Xi'an University of Science and Technology, 58 Yanta Rd., Beilin District, Xi'an, Shaanxi, China); Wang, Nianqin; Liu, Xiaoling; Chen, Xiaopeng
Accession number: 20183405734949
14. 标题: **Study on the preparation of plasma-modified fly ash catalyst and its De-NO_x mechanism**
作者: Zhang, Lei (School of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Wen, Xin; Zhang, Lei; Sha, Xiangling; Wang, Yusu; Chen, Jihao; Luo, Min; Li, Yonghui
Accession number: 20182605371686
15. 标题: **Principle and application of stratification transfer prediction method of mining subsidence in coal mining area**
作者: Song, Shijie (College of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Wang, Shuangming
Accession number: 20184606064858
16. 标题: **Performance evaluation of the GIS-based data mining techniques of best-first decision tree, random forest, and naïve Bayes tree for landslide susceptibility modeling**
作者: Chen, Wei (College of Geology & Environment, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Zhang, Shuai; Li, Renwei; Shahabi, Himan
Accession number: 20182805534782
17. 标题: **Effect of Wettability on Adsorption and Desorption of Coalbed Methane: A Case Study from Low-Rank Coals in the Southwestern Ordos Basin, China**
作者: Li, Pei (School of Energy Resources, China University of Geosciences, Beijing; 100083, China); Ma, Dongmin (School of Geology and Environment, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Jinchuan; Tang, Xuan; Huo, Zhipeng; Li, Zhen; Liu, Junlan
Accession number: 20183505753390

通信与信息工程学院

1. 标题: **Analysis of Parameter Selection for Permutation Entropy in Logistic Chaotic Series**
作者: Zhang, Hong (College of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Liu, Xuncheng
Accession number: 20182805541262
2. 标题: **A Channel State Information Feedback and Prediction Scheme for Time-Varying Underwater Acoustic Channels**



- 作者: Li, Yanbin (Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Li, Baiping; Zhang, Yuzhi
Accession number: 20182805538610
3. 标题: **Wearable Pace Speed Monitoring and Reminding System**
作者: Zhang, Bo (Department of Telecommunication and Information Engineering, Xi'an University of Science and Technology, No. 58 Yanta Street, Xi'an, Shaanxi; 710054, China); Guo, JinBao; Xu, DanDan
Accession number: 20182805543944
4. 标题: **Wireless Network Security Detection System Design Based on Client**
作者: Li, Baiping (Xi'an University of Science and Technology, Xian; 710000, China); Yu, Huawei; Tan, Fengfeng
Accession number: 20182805539798
5. 标题: **A Chinese short text semantic similarity computation model based on stop words and TongyiciCilin**
作者: Shancheng, Tang (Communication and Information Institute, Xi'an University of Science and Technology, Xi'an, China); Yunyue, Bai; Fuyu, Ma
Accession number: 20182805544176
6. 标题: **Reform of teaching method based on wisdom education in communication theory curriculum**
作者: Zhang, Ming (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xian, Shaanxi; 710054, China)
Accession number: 20182805539814
7. 标题: **Based on the moving average and target motion information for detection of weak small target**
作者: Wu, Dongmei (College of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Li; Lin, Lihua
Accession number: 20182805539706
8. 标题: **System utility based resource allocation for D2D multicast communication in software-defined cellular networks**
作者: Gong, Wenrong (College of Communication and Information Engineering, Xi'an University of Science and Technology, No. 58, Yanta Road, Xi'an, China); Li, Guomin; Li, Baiping
Accession number: 20183905875079
9. 标题: **Multivariate-based evaluation methods for system performance**
作者: Wenjuan, Li (Communication and Information Engineering College, Xi'an University of Science and Technology, Xi'an; 710054, China); Haiqiang, Liu
Accession number: 20182805541023
10. 标题: **Novel coherent radar high-speed manoeuvring target detection method**
作者: Wang, Jing (College of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, China); Guo, Ping; Li, Yin-Wei; Wu, Dong-Mei; Chen, Li-Fu
Accession number: 20182505320789
11. 标题: **Studied on Application of Double Encryption Algorithm in Covert Channel Transmission**
作者: Liu, Tao (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xian, Shaanxi; 710054, China); Wen, Yudong
Accession number: 20182805538932
12. 标题: **Research on Separation Algorithm for Space-Based AIS Signal Collision**
作者: Yang, Su (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xian, Shaanxi; 710054, China); Ma, Li; Zheng, Chang
Accession number: 20182905548312
13. 标题: **Study of passive chipless IR-UWB indoor positioning based on time-of-arrival and band-notch**
作者: Liu, Jian (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China)
Accession number: 20182505340268
14. 标题: **Joint frequency and time coded chipless UWB-RFID tag for bit data enhancement**
作者: Liu, Jian (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, China)
Accession number: 20182805537565
15. 标题: **Improved Schemes on Channel Interval for the Suppression of the Effect of Four-Wave-Mixing**



- 作者: Mao, Xinrong (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China)
Accession number: 20182405296627
16. 标题: **Research on Real Time Online Detection System for High Temperature Ceramic Tile Color**
作者: Han, Xiaobing (College of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Liu, Xiaobin; Gao, Meng
Accession number: 20182805544263
17. 标题: **Electromagnetic Prospecting for Underground Structure by a 2.5-D Frequency-Domain Algorithm**
作者: Zhou, Yuan-Guo (Department of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, China); Zhuang, Mingwei; Guo, Ping; Hou, Xuanying; Liu, Na
Accession number: 20184806158937
18. 标题: **A Dual Band Semi-Passive Sensor Tag Based on the Technique of Electromagnetic Field Scavenging**
作者: Liu, Jian (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China)
Accession number: 20182805543972
19. 标题: **The Design of Tunnel Lighting Intelligent Control System**
作者: Li, Baiping (Xi An University of Science and Technology, Xian, Shaanxi; 710054, China); Yang, Tao
Accession number: 20182805538602
20. 标题: **Mobile robot based on FPGA**
作者: Han, Xiaobing (College of Communication and Information Engineering, Xi' An University of Science and Technology, Xi'an; 710054, China); Xing, Lei
Accession number: 20182805539729
21. 标题: **The Establishment of Data Analysis Model about E-Commerce's Behavior Based on Hadoop Platform**
作者: Shao, Fan (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Yao, Jun
Accession number: 20182805538620
22. 标题: **A spectral element solution to generate wellconditioned system matrices at any desired frequency**
作者: Zhou, Yuan-Guo (Department of Communication and Information Engineering, Xi'An University of Science and Technology, Xi'an, China); Wang, Jiamin; Chen, Yingshi
Accession number: 20184806143656
23. 标题: **A circular region of interest image retrieval Algorithm**
作者: Wu, Yanhai (Xi'An University of Science and Technology, Xi'an, Shaanxi; 710054, China); Dang, Yuan-Yuan
Accession number: 20182805539670
24. 标题: **Design of Multi Direction Real-Time Online Edge Detection System Based on FPGA**
作者: Li, Li (College of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Han, Xiao-Bing
Accession number: 20182805539063
25. 标题: **Design of wisdom teaching based on network learning space**
作者: Li, Rong (School of Communication and Information Engineering, Xi'An University of Science and Technology, Xi'an; 710054, China); Zhang, Ming
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26. 标题: **Corrections to 'range-angle-dependent beamforming of pulsed-frequency diverse array'**
作者: Xu, Yanhong (Department of Communication and Information Engineering, Xi'An University of Science and Technology, Xi'an; 710054, China); Xu, Jingwei
Accession number: 20183305700051
27. 标题: **A compact UWB-RFID sensor tag with reconfigurable band-notch deployment**
作者: Liu, Jian (College of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China)
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28. 标题: **Research and application of image in the weights of chaotic neural network**

作者: Wang, Jianxin (Xi'an University of Science and Technology, School of communication and Information Engineering, Xi'an; 710054, China); Jin, Shisheng; Wang, Yongfeng
Accession number: 20183105647853

理学院

1. 标题: **Rotor design of ultra-high speed PM motor with self-starting ability**

作者: Cheng, Wenjie (College of science Xi'an University of Science and Technology Xi'an, Shannxi Province; 710054, China); Li, Wei; Xiao, Ling; Li, Ming; Zhong, Bin; Fan, Hongwei
Accession number: 20184606070855

2. 标题: **Effects of Grain Orientation on Stress State near Grain Boundary of Austenitic Stainless Steel Bicrystals**

作者: Yang, Fu-Qiang (School of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Xue, He; Zhao, Ling-Yan; Fang, Xiu-Rong
Accession number: 20180804815852

3. 标题: **Asymmetric failure pattern and slip characteristics of floor of longwall face in steeply dipping seam mining**

作者: Luo, Shenghu (School of Sciences, Xi'an University of Science and Technology, Xi'an; 710054, China); Wu, Yongping; Wang, Hongwei; Xie, Panshi
Accession number: 20184706107201

4. 标题: **Multibands acoustic metamaterial with multilayer structure**

作者: Hao, Limei (Department of Applied Physics, Xi'an University of Science and Technology, Xi'an; 710054, China); Men, Meiling; Zuo, Yujie; Yan, Xiaole; Zhang, Pengli; Chen, Zhi
Accession number: 20183605779553

5. 标题: **Effect of Cold Working on the Residual Stress around the Notch front of Stress Corrosion Cracking**

作者: Lingyan, Zhao (School of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Yinghao, Cui; Fuqiang, Yang
Accession number: 20184305988568

6. 标题: **A new filled function method with two parameters for global optimization**

作者: Wei, Fei (College of Sciences, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Shugang; Lin, Haifei
Accession number: 20184706084710

7. 标题: **Fractal characteristics of particle size distribution of broken coal samples with different immersion time**

作者: Zhang, Tianjun (School of Science, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Chen, Jiawei; Bao, Ruoyu; Jiang, Xingke; Zhou, Ao; Ge, Di
Accession number: 20183505741810

8. 标题: **Three-Dimensional Analysis of the Effect of Out-Of-Plane Constraint on the Local Plastic Strain around Crack Front**

作者: Zhao, Lingyan (School of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Cui, Yinghao; Yang, Fuqiang
Accession number: 20183305698926

9. 标题: **Cooperative co-evolution algorithm with problem adaptive variable grouping for large scale global optimization**

作者: Wei, Fei (College of Sciences, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Shugang; Xue, Jinfeng
Accession number: 20184706084712

10. 标题: **Wave velocity and power spectral density of hole-containing specimens with different moisture content under uniaxial compression**

作者: Zhang, Tian-Jun (College of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Lei; Li, Shu-Gang; Liu, Jia-Lei; Pan, Hong-Yu; Ji, Xiang
Accession number: 20184806163241

11. 标题: **Permeability tests of fractured sandstone with different sizes of fragments under**



three-dimensional stress states

作者: Zhang, Tian-Jun (College of Sciences, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Shang, Hong-Bo; Li, Shu-Gang; Wei, Wen-Wei; Bao, Ruo-Yu; Pan, Hong-Yu
Accession number: 20184205947273

12. 标题: 3-D Thermo-Acousto-Electric Diagonalized and Supplementary Equations in Fully Trianisotropic and Inhomogeneous Media Part I: Proof of Existence by Construction

作者: Baghai-Wadji, Alireza (Department of Electrical Engineering, University of Cape Town, Cape Town, South Africa; College of Science, Xi'an University of Science and Technology, Xi'an; 710054, China)
Accession number: 20184105916474

13. 标题: Multiplicative signal induces double and quasi-periodic vibrational resonance in the overdamped oscillator

作者: Zheng, Yingchun (School of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Yang, Yunfeng
Accession number: 20183305696734

14. 标题: Effects of Gd211 Particles Characteristic in the Precursor Pellets on the Levitation Force of Single-Domain GdBCO Bulks Prepared by the Gd + 011 TSIG Method

作者: Yuan, Xiaochun (College of Physics and Information Technology, Shaanxi Normal University, Xi'an; 710062, China; College of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Yang, Wanmin
Accession number: 20183805839001

15. 标题: Effect of sintering temperature on the structural and luminescence properties of Er doped PbWO₄ microcrystals

作者: Pang, Hua-Feng (Department of Applied Physics, School of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Gu, Malong; Li, Baihong; Zhang, Tao
Accession number: 20183805829636

16. 标题: Testing for the mean shifts for long memory time series in presence of breaks in variance

作者: Jin, Hao (College of Science, Xi'an University of Science and Technology, Xi'an, Shaanxi, China); Yang, Liping; Yao, Yanru
Accession number: 20183305696941

17. 标题: Sufficiency for nondifferentiable multiobjective programming problem

作者: Gao, Xiaoyan (College of Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Ruijuan
Accession number: 20183305696723

18. 标题: Three-Dimensional Thermo-Acousto-Electric Diagonalized and Supplementary Equations in Fully Tri-Anisotropic and Inhomogeneous Media Part II: Relative Proof of Consistency

作者: Baghai-Wadji, Alireza (Department of Electrical Engineering, University of Cape Town, Cape Town; 7701, South Africa; College of Science, Xi'an University of Science and Technology, Xi'an; 710054, China)
Accession number: 20184105916731

19. 标题: Testing for changes heavy index under infinite variance observations

作者: Jin, Hao (College of Science, Xi'an University of Science and Technology, Xi'an, Shaanxi, China); Yao, Yanru; Yang, Liping
Accession number: 20183305696638

20. 标题: Bootstrap procedures for variance breaks test in time series with a changing trend

作者: Jin, Hao (Department of Mathematics, Xi An University of Science and Technology, Xi An, China); Zhang, Si; Zhang, Jinsuo; Zhang, Shougang
Accession number: 20174604391272

能源学院

1. 标题: Testing on fluid-solid coupling characteristics of fractured coal-rock mass considering regional geostress characteristics

作者: Shan, Pengfei (School of Energy, Xi'an University of Science and Technology, Xi'an; 710054, China); Cui, Feng; Cao, Jiantao; Lai, Xingping; Sun, Huan; Yang, Yiran
Accession number: 20183005605863

2. 标题: Comprehensive analysis to temporal-spatial variation of dynamic instability of steeply inclined



coal-rock mass

作者: Lai, Xingping (School of Energy and Resource, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Yang, Yiran; Wang, Ningbo; Shan, Pengfei; Zhang, Dongsheng
Accession number: 20183505757643

3. 标题: **Parameter sensitivity study for typical expander-based transcritical CO₂ refrigeration cycles**
作者: Zhang, Bo (Energy School, Xi'an University of Science and Technology, Yanta Road, Xi'an; 710054, China); Chen, Liu; Liu, Lang; Zhang, Xiaoyan; Wang, Mei; Ji, Changfa; Song, Ki-Il
Accession number: 20184305993383
4. 标题: **Experimental study on micron-sized aluminum dust explosion in a rectangular pipe**
作者: Wen, Hu (College of Energy Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Yang, Yufeng; Wang, Qihong; Ren, Xugang
Accession number: 20184406012239
5. 标题: **Development and application of support and control system for simulating test based on the coupling principle of support-surrounding rocks**
作者: Wu, Yongping (School of Mineral Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Hu, Bosheng; Xie, Panshi; Wang, Hongwei
Accession number: 20182505342012
6. 标题: **Study on the active structure of caved roof and support resistance in shallow buried and ultra-close coal seams mining**
作者: Huang, Qingxiang (School of Energy, Key Laboratory of Western Mine Exploitation and Hazard Prevention, Ministry of Education, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); He, Yanpeng; Luo, Libo; Cao, Jian
Accession number: 20183505741805
7. 标题: **Mine Water Resource Utilization**
作者: Sun, Wei Bo (School of Energy Engineering, Xi'an University of Science and Technology, Xi'an, China); Wang, Yan; Liu, Lang; Zhang, Lei Ming; Wang, Xin; Liu, Yan Da
Accession number: 20183405738111
8. 标题: **Mechanism of backfill thermal utilization adsorption cooling system in deep mine**
作者: Chen, Liu (Energy School, Xi'an University of Science and Technology, Xi'an; 710054, China); Liu, Lang; Zhang, Bo; Zhang, Xiaoyan; Wang, Mei
Accession number: 20183805818203
9. 标题: **Experimental investigation of precooling desiccant-wheel air-conditioning system in a high-temperature and high-humidity environment**
作者: Chen, L. (Energy School, Xi'an University of Science and Technology, Yanta Road, Xi'an, 710054, China); Chen, S.H.; Liu, L.; Zhang, B.
Accession number: 20184105914249
10. 标题: **New chemical grouting materials and rapid construction technology for inclined shaft penetrating Drift-Sand layer in coal mine**
作者: Gao, Xicai (Key Laboratory of Western Mine Exploitation and Hazard Prevention, Ministry of Education, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Wang, Xinyu; Liu, Xiangdong
Accession number: 20183205651912
11. 标题: **Coupling control of pillar stress and surface cracks in shallow coal seam group mining**
作者: Huang, Qingxiang (School of Energy Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Du, Junwu
Accession number: 20183505757980
12. 标题: **Experimental investigation on the relationship between pore characteristics and unconfined compressive strength of cemented paste backfill**
作者: Liu, Lang (Energy School, Xi'an University of Science and Technology, Xi'an; 710054, China); Fang, Zhiyu; Qi, Chongchong; Zhang, Bo; Guo, Lijie; Song, Ki-IL
Accession number: 20182505340430
13. 标题: **Long-term planning model of internal dumping in surface coal mining and its solution method**
作者: Xiao, Shuangshuang (School of Energy Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Huang, Fu; Li, Kemin; Ma, Li; Hong, Yong
Accession number: 20183905870669
14. 标题: **Assessing the difference in measuring bolt stress: A comparison of two optical fiber sensing**



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作者: Chai, Jing (School of Energy, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Liu, Qi; Liu, Jinxuan; Zhang, Guihua; Zhang, Dingding; Qiu, Fengqi
Accession number: 20184406017149

15. 标题: Energy dissipation properties and mechanisms of fractured coal-rock mass failure under mining condition

作者: Shan, Pengfei (School of Energy, Key Laboratory of Western Mines and Hazard Prevention of Ministry of Education, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Lai, Xingping; Cui, Feng; Cao, Jiantao
Accession number: 20184406002124

16. 标题: Basic theories and applied exploration of functional backfill in mines

作者: Liu, Lang (Energy School, Xi'an University of Science and Technology, Xi'an; 710054, China); Xin, Jie; Zhang, Bo; Zhang, Xiaoyan; Wang, Mei; Qiu, Huaifu; Chen, Liu
Accession number: 20184406020523

17. 标题: Research on roof structure and support resistance during firstperiodic weighting in shallow group coal seams

作者: Huang, Qingxiang (School of Energy Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Huang, Kejun; Zhao, Mengye
Accession number: 20184506032599

18. 标题: Kinetic and Isotherm Studies for the Adsorption of Phanerochaete Chrysosporium on Lignites

作者: Niu, Yu (College of Mining Engineering, Taiyuan University of Technology, Shanxi Province, Taiyuan; 030024, China); Niu, Xian (College of Mining Engineering, Xi'an University of Science and Technology, Xi'an, Shan'xi Province; 710054, China); Wu, Shiyue; Li, Chuantian; Chen, Jin; Suo, Zaibin
Accession number: 20183505760617

19. 标题: Heterogeneous large deformation mechanism based on change of principal stress direction in deep gob side entry and control

作者: Li, Ji (School of Energy, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Ma, Nianjie; Ding, Ziwei
Accession number: 20184406002103

20. 标题: Water-preserved mining with the method named "backfilling while mining"

作者: Ma, Liqiang (School of Energy, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Dongsheng; Wang, Shuokang; Xie, Yusheng; Yu, Yihe
Accession number: 20183005605858

21. 标题: Experimental study on rock burst of coal samples under overstress and triaxial unloading

作者: Zhu, Guang'an (School of Energy Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Dou, Linming; Ding, Ziwei
Accession number: 20183905856307

22. 标题: Regional fracture of top-coal along the inclined direction of fully-mechanized caving face in soft steep dipping seam

作者: Wu, Yongping (School of Energy Engineering, Key Laboratory of Western Mine Exploitation and Hazard Prevention, Ministry of Education, Xi'an University of Science and Technology, Xi'an; Shanxi; 710054, China); Lang, Ding; Xie, Panshi; Wang, Hongwei
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23. 标题: Water disaster prevention and control technology in shallow coal seam around the large reservoir in Shenfu coal mine

作者: Geng, Yaoqiang (School of Energy Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Wang, Sujian; Deng, Zengshe; Wang, Biqing; Huang, Kejun; Feng, Jie; Miao, Yanping
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24. 标题: Comprehensive analysis of disaster-causing characteristics of roof stress superimposed effect in steeply inclined coal seams

作者: Lai, Xingping (School of Energy and Resource, Xi'an University of Science and Technology, Xi'an; 710054, China); Yang, Yiran; Shan, Pengfei; Lü, Zhaohai; Wang, Ningbo
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25. 标题: Cooling Effect Analysis of Suppressing Coal Spontaneous Ignition with Heat Pipe

作者: Zhang, Yaping (College of Energy Engineering, Xi'an University of Science and Technology, Xi'an;



710054, China); Zhang, Shuanwei; Wang, Jianguo; Hao, Gaihong
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安全科学与工程学院

1. 标题: **Inhibiting effects of three commercial inhibitors in spontaneous coal combustion**
作者: Deng, Jun (College of Safety Science and Engineering, Xi'an University of Science and Technology, No. 58, Yanta Mid. Rd., Xi'an; Shaanxi; 710054, China); Yang, Yi; Zhang, Yan-Ni; Liu, Bo; Shu, Chi-Min
Accession number: 20183705809219
2. 标题: **Oxidation characteristics of coal by STA-FTIR experiment**
作者: Yang, Yi (College of Safety Science & Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Deng, Jun; Zhang, Yanni; Wang, Weifeng
Accession number: 20183905870679
3. 标题: **A new hybrid method for china's energy supply security forecasting based on ARIMA and xgboost**
作者: Li, Pin (School of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Jin-Suo
Accession number: 20183305681906
4. 标题: **Explosion characteristics of micro-sized aluminum dust in 20 L spherical vessel**
作者: Chen, Xiaokun (College of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Zhang, Zijun; Wang, Qihong; Deng, Jun; Li, Haitao; Xu, Qingfeng
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5. 标题: **Numerical simulation on the premix properties and explosion process of methane/coal dust mixture in a vertical pipeline under turbulent flow**
作者: Li, Haitao (College of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Chen, Xiaokun; Deng, Jun; Wen, Hu; Luo, Zhenmin; Wang, Qihong; Zhang, Yanni; Zhai, Xiaowei
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6. 标题: **Experimental study on expansion mechanism of new CF sealing material and the key influencing factors**
作者: Li, Shugang (School of Safety Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Zhang, Jingfei; Zhang, Chao; Lin, Haifei; Yang, Huijun
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7. 标题: **Factor Analysis of Traffic Safety in Urban Roads Based on FTA-LEC**
作者: Shuicheng, Tian (Institute of Safety Management, Xi'an University of Science and Technology, Xi'an; 710054, China); Xingbo, Yang; Xiaoqing, Shen; Detao, Zhang
Accession number: 20183105636407
8. 标题: **A Dynamic Approach to Measuring China's Provincial Energy Supply Security along "the Belt and Road"**
作者: Li, Pin (School of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Jin-Suo; Xu, Jian; Wang, Ping
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9. 标题: **Study on the Accident-causing of Foundation Pit Engineering**
作者: Shuicheng, Tian (Institute of Safety Management, Xi'an University of Science and Technology, Xi'an; 710054, China); Xinyue, Zhang; Pengfei, Yang; Longgang, Chen
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10. 标题: **Experimental Study and Application of a Novel Foamed Concrete to Yield Airtight Walls in Coal Mines**
作者: Wen, Hu (College of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Fan, Shixing; Zhang, Duo; Wang, Weifeng; Guo, Jun; Sun, Qingfeng
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11. 标题: **Influence of strain rate on the rock fracture propagation law**
作者: Pan, Hongyu (School of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Ge, Di; Zhang, Tianjun; Dong, Xiaogang; Zhang, Lei; Zhou, Ao



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12. 标题: **Effect of oxygen concentration on low-temperature exothermic oxidation of pulverized coal**
作者: Deng, Jun (School of Safety Science and Engineering, Xi'an University of Science and Technology, 58, Yanta Mid. Rd., Xi'an; Shaanxi; 710054, China); Ren, Li-Feng; Ma, Li; Lei, Chang-Kui; Wei, Gao-Ming; Wang, Wei-Feng
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13. 标题: **Risk evaluation of coal spontaneous combustion on the basis of auto-ignition temperature**
作者: Zhang, Yutao (Xi'an University of Science and Technology, Xi'an; Shaanxi Province; 710054, China); Liu, Yurui; Shi, Xueqiang; Yang, Chaoping; Wang, Weifeng; Li, Yaqing
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14. 标题: **Relative permeability of two-phase flow in three-dimensional porous media using the lattice Boltzmann method**
作者: Shi, Y. (School of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Tang, G.H.
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15. 标题: **Thermal properties of coals with different metamorphic levels in air atmosphere**
作者: Deng, Jun (School of Safety Science and Engineering, Xi'an University of Science and Technology, 58 Yanta Middle Rd., Xi'an; Shaanxi; 710054, China); Ren, Shuai-Jing; Xiao, Yang; Li, Qing-Wei; Shu, Chi-Min
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16. 标题: **Label-free ferrule-top optical fiber micro-cantilever biosensor**
作者: Li, J. (Anhui Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, Hefei; 230031, China; School of Safety Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhou, Y.X.; Guo, Y.X.; Wang, G.Y.; Maier, R.R.J.; Hand, D.P.; MacPherson, W.N.
Accession number: 20183605780944
17. 标题: **Improved dust management at a longwall top coal caving (LTCC) face – A CFD modelling approach**
作者: Ren, Ting (School of Civil, Mining and Environmental Engineering, Faculty of Engineering and Information Sciences, University of Wollongong, Wollongong; NSW; 2522, Australia); Wang, Zhongwei (College of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Jian
Accession number: 20182705404202
18. 标题: **Study on reasonable layout of upward penetrating boreholes in retaining gob-side roadway in Y-type ventilation working face**
作者: Fan, Shixing (College of Safety Science and Engineering, Xi'an University of Science and Technology, Xi'an; Shaanxi; 710054, China); Wen, Hu; Xiao, Junfeng; Lu, Ping; Li, Ping; Tong, Xiaozhang; Wang, Weifeng; Guo, Jun
Accession number: 20184406002128
19. 标题: **Establishment and application of early warning model for gas safety management**
作者: Wang, Peng (College of Safety Science and Engineering, Xi'an University of Science and Technology, Shaanxi; 710054, China); Yan, Zhen-Guo; Wang, Yan-Qing
Accession number: 20184005894930
20. 标题: **Controlling Fire of Belt Conveyor and Ventilation Network Calculation in Underground Coal mines**
作者: Xiao, Yang (College of Safety Science and Engineering, Xi'an University of Science and Technology, No. 58, Yanta Mid. Rd., Xi'an, Shaanxi; 710054, China); Chen, Longgang; Zhang, Xinyue; Ren, Shuaijing; Li, Dajiang
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21. 标题: **Influences of ethane on the flammable limits and explosive oxygen concentration of methane with nitrogen dilution**
作者: Luo, Zhenmin (School of Safety Science & Engineering, Key Western China Laboratory for Coal Exploitation Development and Safety for Ministry Education, The Western Coal Mine Safety Engineering Research Center of the Ministry of Education, Shaanxi Key Laboratory of Prevention and Control of Coal Fire, Xi'an University of Science and Technology, 58, Yanta Mid. Rd., Xi'an; Shaanxi; 710054, China); Su, Bin; Cheng, Fangming; Wang, Tao; Shu, Chimin; Li, Yaqing
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电气与控制工程学院

1. 标题: **Position Fault of Transmission Line Based on Improved Vanishing Moment Complex Wavelet**
作者: Wang, Mei (College of Electric and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Xu, Changfeng; Wang, Weifeng; Zhao, Chunting
Accession number: 20183505745082
2. 标题: **Research on self-powered short-circuit fault alarming system in power grid**
作者: Liu, Shulin (Xi'an University of Science and Technology, Xi'an shaanxi, China); Xu, Dandan
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3. 标题: **Optimization of industrial boiler combustion control system based on genetic algorithm**
作者: Pan, Hongguang (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhong, Weimin; Wang, Zaiying; Wang, Guoxin
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4. 标题: **Non-Contact Low-Power Proximity Switch Based on Kitchen Garbage Crusher**
作者: Wang, Shouhua (Department of Electrical and Control Engineering, Xi'an University of Science and Technology, No. 58 Yanta Street, Xi'an, Shaanxi; 710054, China); Guo, JinBao; Xu, DanDan
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5. 标题: **Coordination control of dual-redundancy permanent magnet synchronous motor servo system**
作者: Zhou, Qixun (Xi'an University of Science and Technology, Xi'an, Shaanxi Province; 710054, China); Ma, Cunchao; Liu, Na; Zhang, Yufeng; Chen, Sha
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6. 标题: **A Mobile Computing Method Using CNN and SR for Signature Authentication with Contour Damage and Light Distortion**
作者: Wang, Mei (School of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an, China); Zhai, Ke; Liu, Chi Harold; Li, Yujie
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作者: Pan, Hongguang (College of Electric and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Mi, Wenyu; Wang, Mei; Sun, Jinggao
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8. 标题: **BOOTLOADER Analysis Construction and U-BOOT Porting Based on S3C2440**
作者: Guo, Jianxin (College of Electrical and Control Engineering, Xi'an University of Science and Technology, China); Chen, Wenyan
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9. 标题: **Design of Image Acquisition and Transmission System Based on STM32F407**
作者: Chai, Yu (Xi'an University of Science and Technology, School of Electrization and Control Engineering, Xi'an; 710054, China); Xu, Jike
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10. 标题: **Design and Realization of Mobile Video Surveillance Car Based on ARM9 and Linux Platform**
作者: Chai, Yu (Xi'an University of Science and Technology, School of Electrization and Control Engineering, Xi'an; 710054, China); Wang, Jie
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11. 标题: **Study of three-level SVPWM algorithm for 60° coordinate system**
作者: Tong, Jun (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Liu, Li-Jun; Qiao, Jian-Wei; Zhang, Qian; Lu, Yao
Accession number: 20183005587508
12. 标题: **Navigation and positioning system applied in underground driverless vehicle based on IMU**
作者: Guo, Jinbao (Department of Electrical and Control Engineering, Xi'an University of Science and Technology, No. 58 Yanta Street, Xi'an, Shaanxi; 710054, China); Du, Jingyi; Xu, Dandan
Accession number: 20183105647819
13. 标题: **Crowd sensing socialization task allocation based on mobile social network**
作者: Wang, Liang (School of Computer Science and Engineering, Northwestern Polytechnical University, Xi'an; 710072, China; School of Electrical and Control Engineering, Xi'an University of Science and



- Technology, Xi'an; 710054, China); Yu, Zhi-Wen; Guo, Bin; Xiong, Fei
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14. 标题: **Low Voltage Ride Through Control Method of Photovoltaic Grid-connected Inverter Based on Model Current Predictive Control**
作者: Shang, Liqun (School of Electrical and Control Engineering, Xi' An University of Science and Technology, Xian; 710054, China); Li, Pengwei; Li, Zhuojun
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15. 标题: **Inrush Current Identification Based on Multiscale Sample Entropy EMD-GAELM**
作者: Xu, Wenjie (Xi'An University of Science and Technology, School of Electric and Control Engineering, Xian, China); Hou, Yuanbin; He, Liu; Li, Dong
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16. 标题: **Object recognition of environmental information in the internet of things based on augmented reality**
作者: Shasha, Chen (Xi'An University of Science and Technology, Xi'an, Shaanx, China); Mei, Wang; Xuebin, Qin
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作者: Chai, Yu (Xi'An University of Science and Technology, School of Electrization and Control Engineering, Xi' an; 710054, China); Yang, Fei
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作者: Liu, Shulin (Xi'an University of Science and Technology, Xi'an shaanxi, China); Yuan, Cuiping
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19. 标题: **Single-ended method to accurately calculate UHV AC transmission line frequency parameters**
作者: Fan, Gan (School of Electrical and Control Engineering, Xi'An University of Science and Technology, Yanta District, Xi'an, China); Nana, Zhang; Yun-Ge, Li; Zhouxing, Fu
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20. 标题: **Sensitivity Analysis of Microstructure Parameters and Mechanical Strength during Consolidation of Cemented Paste Backfill**
作者: Qin, Xuebin (School of Electrical and Control Engineering, Xi'an University of Science and Technology, 58 Yanta Rd, Xi'an, Shaanxi, China); Wang, Pai; Liu, Lang; Wang, Mei; Xin, Jie
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作者: Tong, Jun (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Qiao, Jianwei; Liu, Lijun; Lu, Yao; Zhang, Qian
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22. 标题: **A brain computer interface control system based on cloud platform for Minitype UAVs**
作者: Wang, Gang (Xi'An University of Science and Technology, Xi'an; 710054, China); Wang, Mei; Qin, Xuebin; Zhang, Lin
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23. 标题: **Low-Light Forest Flame Image Segmentation Based on Color Features**
作者: Wang, Yuanbin (School of Electric and Control Engineering, Xi'An University of Science and Technology, Xi'an; 710054, China); Ren, Jieying
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24. 标题: **The pipeline positive pressure wave signal mutation point detection based on EMD and wavelet transform**
作者: Yang, Xuecun (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Kong, Linghong
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25. 标题: **Research on power transmission characteristic of forward-flyback converter**
作者: Cao, Jian (School of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an, China); Liu, Shulin; Yan, Liqian; Huang, Zhi
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- 作者: Shang, Liqun (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhu, Weiwei; Li, Zhuojun
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27. 标题: **A cable fault recognition method based on a deep belief network**
作者: qin, Xuebin (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Yizhe; Mei, Wang; Dong, Gang; Gao, Jun; Wang, Pai; Deng, Jun; Pan, Hongguang
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28. 标题: **Application of Improved Cat Swarm Optimization in MPPT Control of Photovoltaic Arrays**
作者: Xiu-Cai, Guo (Xi'an University of Science and Technology, Yanta Middle Road 58, Xi'an, Shaanxi Province, China); Dan, X.U.
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29. 标题: **Bandwidth Slicing for Socially-Aware D2D Caching in SDN-Enabled Networks**
作者: Wang, Bowen (School of Information and Control Engineering, China University of Mining and Technology, Xuzhou; 221116, China); Sun, Yanjing (School of Communication and Information Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Cao, Qi; Li, Song; Sun, Zhi
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30. 标题: **Uneven Illumination Two-Dimensional Code Image Recognition Algorithm Research**
作者: Yao, Shuailing (Xi'an University of Science and Technology, School of Electrical and Control Engineering, Xi'an; 710054, China); Huang, Vlenz Tao; Li, Ping; He, Liu; Li, Yifan
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31. 标题: **Staircase Detection Algorithm Based on Projection-Histogram**
作者: Huang, Xiangdong (Xi'an University of Science and Technology, School of Electrization and Control Engineering, Xi'an; 710054, China); Tang, Zhigang
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32. 标题: **Influence of Different Rotor Structure on Flux-Weakening Properties of Permanent Magnet AC Servo Motor**
作者: Mo, Wei (Xi'an Micromotor Research Institute, Xi'an; 710077, China); Wang, Mei (College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Mo, Huicheng
Accession number: 20184706107174
33. 标题: **First-principle study on electronic structures, magnetic, and optical properties of different valence Mn ions doped InN**
作者: Xu, Da-Qing (School of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhao, Zi-Han; Li, Pei-Xian; Wang, Chao; Zhang, Yan; Liu, Shu-Lin; Tong, Jun
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作者: Shang, Liqun (School of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710000, China); Li, Pengwei; Zhang, Yifeng
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35. 标题: **A Method of TOA Positioning for Mine to Effectively Reduce the Impact of Non - Line of Sight Error propagation**
作者: Xiaoqiang, Shao (Xi'an University of Science and Technology, College of Electric and Control Engineering, Xi'an; 710054, China); Le, Li Kang; Xi, Chen
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36. 标题: **A New Algorithm for T-Line Fault Location Based on Wavelet Energy Spectrum**
作者: Wang, Mei (Institute of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhu, Liang; Zhang, Guoqiang; Wang, Liang; Liu, Chi
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37. 标题: **Weakly-coupled multicore optical fiber taper-based high-temperature sensor**
作者: Chunxia, Yue (State Key Laboratory of Electrical Insulation and Power Equipment, Xi'an Jiaotong University, Xi'an; 710049, China; College of Electrical and Control Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Hui, Ding; Wei, Ding; Chaowei, Xu
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38. 标题: **A remote monitoring system of temperature and humidity based on OneNet cloud service platform**



作者: Du, Jingyi (Xi'an University of Science and Technology, Xi' an shaanxi, China); Guo, Jinbao; Xu, Dandan; Huang, Qiong
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39. 标题: **The polarization characteristics of the half space reflected wave: Linear polarized incident wave case**

作者: Cao, Le (Collage of Electric and Control Engineering, Xi'an University of Science and Technology, Xi'an, China); Du, Jingyi
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40. 标题: **Fault section location method using wide area centralized structure based on modified hausdorff distance**

作者: Zhao, Jianwen (School of Electrical and control Engineering, Xi'an University of Science and Technology, Xi'an, China); Zhang, Guangxiao; Shi, Xin; Shi, Wei
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机械工程学院

1. 标题: **Asymmetric load and instability characteristics of coal wall at large mining height fully-mechanized face in steeply dipping seam**

作者: Luo, Shenghu (Department of Mechanics, Xi'an University of Science and Technology, Xi'an; 710054, China); Wu, Yongping; Liu, Kongzhi; Xie, Panshi; Wang, Hongwei
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2. 标题: **Effect of the Surface Scratch Angle on the Mechanical Characteristics of Nickel-Based Alloy**

作者: Yinghao, Cui (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); He, Xue; Lingyan, Zhao; Hongliang, Yang; Jianlong, Zhang; Weibing, Wang
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作者: Yinghao, Cui (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Lingyan, Zhao; Weibing, Wang
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4. 标题: **Experimental research of influences of freeze-thaw cycles and confining pressure on physical-mechanical characteristics of rocks**

作者: Zhang, Huimei (Department of Mechanics, Xi'an University of Science and Technology, Xi'an; 710054, China); Xia, Haojun; Yang, Gengshe; Zhang, Mengjun; Peng, Chuan; Ye, Wanjun; Shen, Yanjun
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5. 标题: **Study on the Pin-load Distribution of Composite Joints with Protruding-head Bolts Based on Cumulative Damage**

作者: Liu, Xiangdong (Department of Mechanics, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Huimei; Liu, Na; Li, Linjie
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6. 标题: **Theoretical and experimental investigation on influence of load control strategy of LY12 duralumin alloy bar fine cropping process**

作者: Zhong, Bin (School of Mechanical Engineering, Xi'an University of Science and Technology, No. 58, Yanta Middle Road, Xi'an; Shaanxi; 710054, China); Zhao, Shengdun; Chen, Wenjie; Xu, Chao; Zhang, Chuanwei
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7. 标题: **Facile preparation of superhydrophobic structures on Al alloys surfaces with superior corrosion resistance**

作者: Li, Xuewu (School of Mechanical Engineering, Xi'an University of Science and Technology, 58 Yanta Road, Xi'an; 710054, China); Zhang, Lin; Shi, Tian; Zhang, Chuanwei; Zhang, Lai-Chang
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8. 标题: **A four-foot walking-type stepping piezoelectric actuator: Driving principle, simulation and experimental evaluation**

作者: Xu, Dongmei (State Key Laboratory of Robotics and System, Harbin Institute of Technology, Heilongjiang Province Harbin; 150001, China; School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an, Shaanxi Province; 710054, China); Liu, Yingxiang; Liu, Junkao; Wang, Liang



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9. 标题: **Simulation and experiment on obstacle-surmounting performance of four swing arms and six tracked robot under unilateral step environment**
作者: Wang, Chuanwei (Xi'an University of Science and Technology, Xi'an; 710054, China); Ma, Kun; Yang, Lin; Ma, Hongwei; Xue, Xusheng; Tian, Haibo
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 10. 标题: **Modeling of big production data storage of fully mechanized mining equipment based on workflow-driven deep coupling network**
作者: Wang, Yan (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an, China); Cao, Xian-Gang
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 11. 标题: **Target positioning and tracking method of the airborne tracker based on multi-information fusion**
作者: Zhang, Chuan-Wei (College of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an, China); Chen, Li-Ming; Rui, Wang; Zeng, Hong-Jun; Xu, Da-Ming
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 12. 标题: **Remote control non-contact manipulation system for micro robotics**
作者: Shang, Wanfeng (Mechanical Engineering Department, Xi'an University of Science and Technology, Xi'an, China); Yang, Yuanyuan; Lu, Haojian; Shen, Yajing
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 13. 标题: **Structural Statics Analysis and Optimization Design of Regulating Device for Air Conveyer Outlet in Coal Mine**
作者: Gong, Xiaoyan (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an, Shanxi; 710054, China); Li, Ying; Zhang, Yongqiang
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 14. 标题: **Experimental Study on Technological Parameters and Proportion of Selected Laser Sintered PS/PE Mixed Powders**
作者: Yang, Laixia (College of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Wang, Bo; Bai, Xiang
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 15. 标题: **Adaptive Rotor Balancing Algorithm and Single-Disk Rotation Test for Electromagnetic Balancer**
作者: Fan, Hongwei (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhi, Jingjuan; Shi, Bijia; Jing, Mingqing; Liu, Heng; Zhang, Xuhui
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作者: Chenqiang, Ni (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); He, Xue; Weibing, Wang
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作者: Zhang, Chuan-Wei (College of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Xu, Ke-Jun; Li, Lin-Yang; Yang, Man-Zhi; Gao, Huai-Bin; Chen, Shang-Rui
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 18. 标题: **Simulation study on the obstacle-surmounting of the 4 swing arms-6 tracked robot**
作者: Xie, Moubiao (Department of Planning and Construction, Kunming Shipbome Equipment Research and Test Center, Kunming; 650051, China); Wang, Chuanwei (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China)
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 19. 标题: **Design and Experimental Evaluation of a Stepper Piezoelectric Actuator Using Bending Transducers**
作者: Liu, Yingxiang (School of Mechatronics Engineering, Harbin Institute of Technology, Harbin; 150001, China); Xu, Dongmei (School of Mechanical Engineering, Xi'an University of Science and Technology, Xi'an; 710054, China); Chen, Weishan; Li, Kai; Wang, Liang
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 20. 标题: **Research on the Architecture and Key Technology of RFID-Driven Equipment Lifecycle Service**



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作者: Cao, Xiangang (Xi'an University of Science and Technology, School of Mechanical Engineering, Xian, China); Di, Hang; Wu, Yue; Wang, Yan; Zhou, Zhan
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测绘科学与技术学院

1. 标题: **Dynamic Reclamation Methods for Subsidence Land in the Mining Area with High Underground Water Level**
作者: Chen, Qiuji (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Hang, Mengru
Accession number: 20184806132082
2. 标题: **Influence of slope aspect on the microbial properties of rhizospheric and non-rhizospheric soils on the Loess Plateau, China**
作者: Min Ai, Ze (State Key Laboratory of Soil Erosion and Dryland Farming on the Loess Plateau, Institute of Soil and Water Conservation, Northwest AandF University, Yangling, Shaanxi; 712100, China; College of Geomatics, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Yang Zhang, Jiao; Fei Liu, Hong; Xue, Sha; Bin Liu, Guo
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3. 标题: **A Method to Improve the Utilization Rate of Satellite Rays for Three-dimensional Water Vapor Tomography Using the ECMWF Data**
作者: Zhao, Qingzhi (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Yao, Yibin; Yao, Wanqiang; Chen, Peng; Wu, Manyi
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4. 标题: **Comparison and Application of MPDI and MSMMI for Drought Monitoring in Desert Mining Area**
作者: Liu, Ying (College of Geomatics, Xi'an University of Science and Technology, Xi'an, Shaanxi; 710054, China); Li, Yao; Lu, Yang; Yue, Hui
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5. 标题: **Energy Ecological Footprint Changes and Its Influencing Factors at the Provincial Scale in China**
作者: Wang, Tao (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China)
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6. 标题: **Spatiotemporal variations in maize phenology of China under climate change from 1981 to 2010**
作者: Qin, Ya (Xi'an University of Science and Technology, College of Surveying and Mapping Science and Technology, Xi'an; 710054, China); Liu, Yujie; Ge, Quansheng
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7. 标题: **Study on the plasmaspheric Weddell Sea Anomaly based on COSMIC onboard GPS measurements**
作者: Chen, Peng (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Qinzhen; Yao, Yibin; Yao, WanQiang
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8. 标题: **Space Location of Image in Urban Environments Based on C/S Structure**
作者: Zhang, Chunsen (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Wang, Xiqi; Guo, Bingxuan
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9. 标题: **Refinement of the 3D Mesh Model Driven by the Image Information**
作者: Zhang, Chunsen (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Zhang, Mengmeng; Guo, Bingxuan
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10. 标题: **Simulation and study on ground gravity anomaly effect in goaf of coal mine**
作者: Tang, Fuquan (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Gengxin; Yuan, Yizhe
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11. 标题: **Dynamic Changes of Net Primary Productivity and its Response to Temperature and Precipitation in China**
作者: Wang, Tao (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China)



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12. 标题: **A method of interactively extracting region objects from high-resolution remote sensing image based on full connection CRF**
作者: Chunsen, Zhang (College of Geomatics, Xi'an University of Science and Technology, China); Zhen, Yu; Yan, Hu
Accession number: 20184706085065
13. 标题: **Spatial and temporal analysis of carbon sources and sinks through land use/cover changes in the Beijing-Tianjin-Hebei urban agglomeration region**
作者: Cui, Xiaolin (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Wei, Xiaoqing; Liu, Wei; Zhang, Fan; Li, Zhihui
Accession number: 20184205956972
14. 标题: **Three dimensional information extraction from maize tassel based on stereoscopic vision**
作者: Han, Dong (Key Laboratory of Quantitative Remote Sensing in Agriculture of Ministry of Agriculture P. R. China, Beijing Research Center for Information Technology in Agriculture, Beijing; 100097, China; College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Yang, Guijun; Yang, Hao; Qiu, Chunxia; Chen, Mingjie; Wen, Weiliang; Niu, Qinglin; Yang, Wenpan
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15. 标题: **Troposphere water vapour tomography: A horizontal parameterised approach**
作者: Zhao, Qingzhi (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Yao, Yibin; Yao, Wanqiang
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16. 标题: **Near-global GPS-derived PWV and its analysis in the El Niño event of 2014–2016**
作者: Zhao, Qingzhi (College of Geomatics, Xi'an University of Science and Technology, Xi'an, China); Yao, Yibin; Yao, Wan Qiang; Li, Zufeng
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17. 标题: **Regional suitability of virtual water strategy: Evaluating with an integrated water-ecosystem-economy index**
作者: Cui, Xiaolin (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Wu, Xiaojuan; He, Xiaojia; Li, Zhe; Shi, Chenchen; Wu, Feng
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18. 标题: **High-resolution remote sensing image change detection by statistical-object-based method**
作者: Zhang, Chunsen (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Guojun; Cui, Weihong
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19. 标题: **Land Use Change and Carbon Emissions in China from 1990 to 2015**
作者: Wang, Tao (College of Geomatics, Xi'an University of Science and Technology, Xi'an; 710054, China)
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20. 标题: **The Temperature Vegetation Dryness Index (TVDI) based on bi-parabolic NDVI-Tsspace and gradient-based structural similarity (GSSIM) for long-term drought assessment across Shaanxi Province, China (2000-2016)**
作者: Liu, Ying (College of Geomatics, Xi'an University of Science and Technology, Yanta Road, Xi'an; 710054, China); Yue, Hui
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计算机科学与技术学院

1. 标题: **Efficient Secure Set Intersection Problem Computation**
作者: Zhou, Su-Fang (School of Computer Science, Shaanxi Normal University, Xi'an; 710062, China); Li, Shun-Dong; Guo, Yi-Min; Dou, Jia-Wei; Chen, Zhen-Hua (School of Computer Science and Technology, Xi'an University of Science and Technology, Xi'an; 710054, China)
Accession number: 20183305699543
2. 标题: **New Solutions to Two Privacy-Preserving Location-Relation Determining Problems**
作者: Chen, Zhen-Hua (School of Computer Science and Technology, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Shun-Dong; Huang, Qiong; Dong, Li-Hong; Chen, Wei
Accession number: 20183305699534



3. 标题: **Adaptive Damping Factors Based Permeability Filter for Aggregation of Matching Cost**
作者: Fu, Limei (School of Computer Science, Xi'an University of Science and Technology, Xi'an; 710054, China); Peng, Guohua
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4. 标题: **Face Recognition Research Based on the Fusion of Layered LBP Feature**
作者: Yang, Xiao-Qiang (Xi' An University of Science and Technology, Computer Science Technology College, Shaanxi Xi'an, China); Zhang, Xiao-Bing
Accession number: 20183205662571
5. 标题: **A provably secure anonymous authenticated key exchange protocol based on ECC for wireless sensor networks**
作者: Zhang, Ke (Network Information Center, Shaanxi Normal University, Xi'an; 710062, China); Xu, Kai(School of Computer Science and Technology, Xi'An University of Science and Technology, Xi'an; 710054, China); Wei, Fushan
Accession number: 20183205671714
6. 标题: **Research on Collaborative Filtering Algorithm Based on Spark Platform**
作者: Tian, Hong-Peng (Xi' An University of Science and Technology, Computer Science and Technology College, Shaanxi Xi'an, China); Chen, En-Jie
Accession number: 20183205661852
7. 标题: **Coal mine gas concentration prediction model based on selective ensemble learning**
作者: Liang, Rong (School of Computer Science and Technology, Xi'An University of Science and Technology, Shaanxi; 710054, China); Jia, Pengtao
Accession number: 20183205650768
8. 标题: **Hemolysis detection based on SVM of Adaboost classification algorithm**
作者: Shi, Xiaonan (Xi'An University of Science and Technology, IT Academy, Xi'an, Shaanxi Province, China); Wang, Zitong; Zhao, Zhenmin
Accession number: 20183205673904
9. 标题: **Printing orientation optimization of 3D model**
作者: Li, Zhanli (Xi'an University of Science and Technology, Xi'an; 710054, China); Hu, Amin; Fu, Jingding; Wu, Xinghuan; Li, Hongan
Accession number: 20184706126507
10. 标题: **Key Technologies of Confrontational Intelligent Decision Support for Multi-Agent Systems**
作者: Zhang, Yun (School of Computer Science and Technology, Xi' an University of Science and Technology, Xi'an; Shaanxi; 710054, China)
Accession number: 20183905852425
11. 标题: **Secure Computation of Two Set-Relationships with the Unencrypted Method**
作者: Chen, Zhen-Hua (School of Computer Science and Technology, Xi'an University of Science and Technology, Xi'an; 710054, China); Li, Shun-Dong; Huang, Qiong; Ding, Yong; Liu, Ya-Ru
Accession number: 20182805527646
12. 标题: **Wireless sensor networks routing algorithm based on particle swarm optimisation**
作者: Yang, Junhan (School of Computer, Xi'an University of Science and Technology, Xi'an; 710054, China)
Accession number: 20183805839058
13. 标题: **Gait recognition based on optimized neural network**
作者: Zhan-Li, Li (College of Computer Science and Technology, Xi'an University of Science and Technology, Xi'an; 710054, China); A-Min, Hu;Hong-An, Li; Li-Chao, Chen
Accession number: 20183605779334
14. 标题: **Parameterization texture mapping method based on the simplification of irregular triangular mesh**
作者: Li, Zhan-Li (College of Computer Science and Technology, Xi'an University of Science and Technology, Xi'an; 710054, China); Hu, A-Min; Li, Hong-An; Liu, Xiaojing
Accession number: 20183605779256
15. 标题: **Compact Attribute-Based Broadcast Encryption Scheme for General Circuits with Arbitrary Depth**
作者: Zhang, Li-Na (School of Computer Science, Shaanxi Normal University, Xi'an; 710072, China;Department of Computing Science and Technology, Xi'an University of Science and Technology, Xi'an;



710054, China); Yang, Bo; Zhou, Yan-Wei; Jia, Yan-Yan

Accession number: 20183305699542

16. 标题: **Design and implementation of constant pressure water supply monitoring system based on STM32**

作者: Fang, Xin (Institute of Computer Science and Technology, Xi'an University of Science and Technology, Xi'an, China); Zhang, Kun'ao

Accession number: 20182305271623

管理学院

1. 标题: **The Effect of Labor Transfer Based on Panel Data on Farmers' per Capita Consumption of Commodity Energy**

Ping, Wang (School of Management, Xi'an University of Science and Technology, Xi'an; 710054, China); Min, Zhu

Accession number: 20184606065685

2. 标题: **Permutation flowshop scheduling with simple linear deterioration**

作者: Sun, Lin-Hui (School of Management, Xi'an University of Science and Technology, Xi'an, China); Ge, Chen-Chen; Zhang, Wei; Wang, Ji-Bo; Lu, Yuan-Yuan

Accession number: 20184305976442

3. 标题: **Research on computer communication network security and guarantee ways**

作者: Li, Hongxia (Xi'an University of Science and Technology, Xi'an Yanta Road 58, Shaanxi Province, China); Chen, Lei

Accession number: 20184406003271

4. 标题: **Impact of Social Media on Effective E-Recruitment and Selection in Construction Industries of Pakistan**

作者: Waheed, Salma (Department of Management Science, Xi'an University of Science and Technology, Xi'an, China); Li, Hongxia; Waheed, Abdul; Habib, Saima; Majeed, Abdul

Accession number: 20184406018225

5. 标题: **Research on M&A Performance of Environmental Protection Enterprises under "one Belt and One Road"**

作者: Feng, Yahong (School of Management, Xi'an University of Science and Technology, Xi'an; 710054, China); Wang, Yunnyun

Accession number: 20184606065684

6. 标题: **Research on book shopping website interface based on the eye tracker**

作者: Li, Hongxia (College of Management, Xi'an University of Science and Technology, Xi'an Shaanxi; 710054, China); Che, Dandan; Yuan, Xiaofang; Li, Yan

Accession number: 20182805529598

工程训练中心

1. 标题: **Effect of Oxide Film Crack Length on Film-induced Stress in Stress Corrosion Cracking Tip**

作者: Hongliang, Yang (Center of Engineering Training, Xi'an University of Science and Technology, Xi'an; 710054, China); He, Xue; Yinghao, Cui; Chenqiang, Ni

Accession number: 20183305698913

2. 标题: **Effect of Crack Length on Mechanical Field of Stress Corrosion Crack Tip of Cold Working 316L Stainless Steel**

作者: Yang, Hongliang (Center of Engineering Training, Xi'an University of Science and Technology, Xi'an; 710054, China); Xue, He; Zhang, Jianlong

Accession number: 20183305698914



我校各学院被 SCI 收录的部分论文

(2018.06.14~2018.12.14)

化学与化工学院

- 标题: Assembling of Sulfur Quantum Dots in Fission of Sublimed Sulfur**
 作者: Shen, LH (Shen, Lihua)[1,2]; Wang, HN (Wang, Hongni)[1]; Liu, SN (Liu, Shengnan)[1]; Bai, ZW (Bai, Zhuangwei)[1]; Zhang, SC (Zhang, Sichun)[2]; Zhang, XR (Zhang, Xinrong)[2]; Zhang, CX (Zhang, Chengxiao)[3]
 WOS:000436910300021
- 标题: Electrochromic Behaviors of Water-Soluble Polyaniline with Covalently Bonded Acetyl Ferrocene**
 作者: Xiong, SX (Xiong, Shanxin)[1]; Wang, R (Wang, Ru)[1]; Li, SS (Li, Shuaishuai)[1]; Wu, BH (Wu, Bohua)[1]; Chu, J (Chu, Jia)[1]; Wang, XQ (Wang, Xiaoqin)[1]; Zhang, RL (Zhang, Runlan)[1]; Gong, M (Gong, Ming)[1]
 WOS: 000434278000073
- 标题: Oily bubble flotation technology combining modeling and optimization of parameters for enhancement of flotation of low-flame coal**
 作者: Chen, SJ (Chen, Songjiang)[1]; Li, LL (Li, Lulu)[1]; Qu, JZ (Qu, Jinzhou)[2]; Liu, QZ (Liu, Quanzhou)[1]; Tang, LF (Tang, Longfei)[1]; Tao, XX (Tao, Xinxiang)[1]; Fan, HD (Fan, Huidong)[1]
 WOS:000438002400018
- 标题: Comparative study on dynamic thermal-dielectric properties of epoxy composites with Al and Ni particles**
 作者: Xu, L (Xu, Li)[1,2]; Zhou, WY (Zhou, Wenying)[1,2]; Gong, Y (Gong, Ying)[1]; Kou, YJ (Kou, Yujia)[1]; Wang, ZJ (Wang, Zijun)[1]; Chen, FX (Chen, Fuxin)[1]
 WOS: 000438679000096
- 标题: Enhancing the electrochromic performances of polyaniline film through incorporating polyaniline nanofibers synthesized by interfacial polymerization approach**
 作者: Xiong, SX (Xiong, Shanxin)[1]; Wang, YY (Wang, Yuyun)[1]; Lu, YZ (Lu, Yizhang)[1]; Li, HF (Li, Haifu)[1]; Liu, J (Liu, Jian)[1]; Li, S (Li, Shuai)[1]; Qiu, Z (Qiu, Zhu)[1]; Gong, M (Gong, Ming)[1]; Wu, BH (Wu, Bohua)[1]; Chu, J (Chu, Jia)[1]
 WOS: 000436562400009
- 标题: A novel fiber-reinforced silicone rubber composite with Al particles for enhanced dielectric and thermal properties**
 作者: Sui, XZ (Sui, Xuezheng)[1,2]; Zhou, WY (Zhou, Wenying)[1,2]; Dong, LN (Dong, Lina)[1]; Wang, ZJ (Wang, Zijun)[1]; Liu, XR (Liu, Xiangrong)[1]; Zhou, AN (Zhou, Anning)[1]; Cai, JT (Cai, Jiangtao)[1]; Chen, QG (Chen, Qingguo)[2]
 WOS:000443378400026
- 标题: Exploration on the mechanism of enhancing low-rank coal flotation with cationic surfactant in the presence of oily collector**
 作者: Chen, SJ (Chen, Songjiang)[1]; Wang, SW (Wang, Shiwei)[1]; Li, LL (Li, Lulu)[1]; Qu, JZ (Qu, Jinzhou)[2]; Tao, XX (Tao, Xiuxiang)[1]; He, H (He, Huan)[1]
 WOS: 000438188600024
- 标题: Facile Fabrication of Eco-Friendly Durable Superhydrophobic Material from Eggshell with Oil/Water Separation Property**
 作者: He, JM (He, Jinmei)[1]; He, J (He, Jiao)[1]; Yuan, MJ (Yuan, Mingjuan)[1]; Xue, MH (Xue, Menghui)[1]; Ma, XR (Ma, Xuerui)[1]; Hou, LG (Hou, Lingang)[1]; Zhang, TJ (Zhang, Tianjun)[1]; Liu, XR (Liu, Xiangrong)[1]; Qu, MN (Qu, Mengnan)[1]
 WOS: 000445327200005
- 标题: Mineral liberation analysis on coal components separated using typical comminution methods**
 作者: Li, Z (Li, Zhen)[1,2]; Fu, YH (Fu, Yanhong)[1]; Yang, C (Yang, Chao)[1]; Yu, W (Yu, Wei)[1]; Liu,



- LJ (Liu, Lijun)[1]; Qu, JZ (Qu, Jinzhou)[1]; Zhao, W(Zhao, Wei)[1,2]
WOS:000445718900010
10. 标题:Flotation separation of scheelite from calcite using carboxyl methyl cellulose as depressant
作者: Wang, JZ (Wang, Jizhen)[1]; Bai, JZ (Bai, Junzhi)[2]; Yin, WZ (Yin, Wanzhong)[2]; Liang, X (Liang, Xiao)[1]
WOS:000445308600038
11. 标题: Catalytic Performance of Gold Supported on Mn, Fe and Ni Doped Ceria in the Preferential Oxidation of CO in H-2-Rich Stream
作者: Li, S (Li, Shuna)[1,2]; Zhu, HQ (Zhu, Huaqing)[2]; Qin, ZF (Qin, Zhangfeng)[2]; Zhang, YG (Zhang, Yagang)[2,3]; Wang, GF (Wang, Guofu)[2]; Wu, ZW(Wu, Zhiwei)[2]; Fan, WB (Fan, Weibin)[2]; Wang, JG (Wang, Jianguo)[2]
WOS: 000448543300065
12. 标题:Fabrication of durable superamphiphobic materials on various substrates with wear-resistance and self-cleaning performance from kaolin
作者:Qu, MN (Qu, Mengnan)[1]; Ma, XR (Ma, Xuerui)[1]; Hou, LG (Hou, Lingang)[1]; Yuan, MJ (Yuan, Mingjuan)[1]; He, J (He, Jiao)[1]; Xue, MH (Xue, Menghui)[1]; Liu, XR (Liu, Xiangrong)[1]; He, JM (He, Jinmei)[1]
WOS: 000441281300085
13. 标题:Substrate-versatile approach to multifunctional superamphiphobic coatings with mechanical durable property from quartz sand
作者: Qu, MN (Qu, Mengnan)[1]; Yuan, MJ (Yuan, Mingjuan)[1]; He, J (He, Jiao)[1]; Xue, MH (Xue, Menghui)[1]; Ma, XR (Ma, Xuerui)[1]; Hou, LG (Hou, Lingang)[1]; Zhang, TJ (Zhang, Tianjun)[1]; Liu, XR (Liu, Xiangrong)[1]; He, JM (He, Jinmei)[1]
WOS:000447106400019
14. 标题:Enhanced mechanical and dielectric properties of an epoxy resin modified with hydroxyl-terminated polybutadiene
作者: Kou, YJ (Kou, Yujia)[1,2]; Zhou, WY (Zhou, Wenying)[1,2]; Li, B (Li, Bo)[3]; Dong, L (Dong, Lina)[1]; Duan, YE (Duan, Yu-E)[1]; Hou, QW (Hou, Qianwen)[1]; Liu, XR (Liu, Xiangrong)[1]; Cai, HW (Cai, Huiwu)[1]; Chen, QG (Chen, Qingguo)[2]; Dang, ZM (Dang, Zhi-Min)[1,4,5]
WOS: 000450019200009
15. 标题:Hydrothermal Synthesis of Porous Sugarcane Bagasse Carbon/MnO₂ Nanocomposite for Supercapacitor Application
作者:Xiong, SX (Xiong, Shanxin)[1]; Zhang, XK (Zhang, Xiangkai)[1]; Chu, J (Chu, Jia)[1]; Wang, XQ (Wang, Xiaoqin)[1]; Zhang, RL (Zhang, Runlan)[1]; Gong, M (Gong, Ming)[1]; Wu, BH (Wu, Bohua)[1]
WOS:000445474800028
16. 标题: Towards suppressing dielectric loss of GO/PVDF nanocomposites with TA-Fe coordination complexes as an interface layer
作者: Gong, Y (Gong, Ying)[1,2]; Zhou, WY (Zhou, Wenying)[1,2]; Wang, ZJ (Wang, Zijun)[1,3]; Xu, L (Xu, Li)[1]; Kou, YJ (Kou, Yujia)[1]; Cai, HW (Cai, Huiwu)[1]; Liu, XR (Liu, Xiangrong)[1]; Chen, QG (Chen, Qingguo)[2]; Dang, ZM (Dang, Zhi-Min)[1,4,5]
WOS: 000443274500026
17. 标题: Hydroxide Conduction Enhancement of Chitosan Membranes by Functionalized MXene
作者: Wang, L (Wang, Lina)[1]; Shi, BB (Shi, Benbing)[2]
WOS: 000451755500270
18. 标题: Hydrosulfurization of 4,6-dimethyldibenzothiophene over NiMo sulfide catalysts supported on meso-microporous Y zeolite with different mesopore sizes
作者: Zhou, WW (Zhou, Wenwu)[1,2]; Wei, Q (Wei, Qiang)[2]; Zhou, YS (Zhou, Yasong)[2]; Liu, MF (Liu, Meifang)[2]; Ding, SJ (Ding, Sijia)[2]; Yang, Q (Yang, Qi)[2]
WOS:000443666000022
19. 标题: Timed disintegrating of the liquid marbles containing triton X-100
作者: Wang, CX (Wang, Caixia)[1]; He, YJ (He, Yongjun)[1]
WOS: 000447625500045
20. 标题: Flotation characteristics of oxidized coal slimes within low-rank metamorphic
作者: Cai, YC (Cai, Yuchu)[1]; Du, ML (Du, Meili)[1]; Wang, SL (Wang, Shuili)[1]; Liu, L (Liu, Lei)[1]



WOS: 000449242200005

材料科学与工程学院

1. 标题: Fireside Corrosion Behaviors of Super304H and HR3C in Coal Ash/Gas Environment with Different SO₂ Contents at 650 degrees C
作者: Lu, JT (Lu, Jintao)[1]; Yang, Z (Yang, Zhen)[1]; Li, Y (Li, Yan)[2]; Huang, JY (Huang, Jinyang)[1]; Zhou, YL (Zhou, Yongli)[1]; Zhao, XB (Zhao, Xinbao)[1]; Yuan, Y (Yuan, Yong)[1]
WOS: 000435416000035
2. 标题: Effect of closed pores on dielectric properties of 0.8Na(0.5)Bi(0.5)TiO(3)-0.2K(0.5)Bi(0.5)TiO(3) porous ceramics
作者: Du, LF (Du, Lifei)[1]; Du, X (Du, Xian)[1]; Zhang, L (Zhang, Li)[1]; An, QL (An, Qunli)[1]; Ma, WL (Ma, Wanli)[1]; Ran, HP (Ran, Hongpei)[1]; Du, HL (Du, Huiling)[1]
WOS: 000430647800012
3. 标题: Pore deformation and grain boundary migration during sintering in porous materials: a phase-field approach
作者: Du, LF (Du, Lifei)[1]; Yang, SM (Yang, Shaomei)[1]; Zhu, XW (Zhu, Xinwen)[1]; Jiang, J (Jiang, Jing)[1]; Hui, Q (Hui, Qian)[1]; Du, HL (Du, Huiling)[1]
WOS: 000430171400016
4. 标题: Property of A/B Sites Substituted Bismuth Sodium Titanate Based Piezoelectrics
作者: Liu, X (Liu Xiao)[1]; Xu, XM (Xu Xiao-Min)[1]; Du, HL (Du Hui-Ling)[1]
WOS: 000439101800016
5. 标题: Theoretical study of mechanical and thermodynamic properties of titanium oxides Ti_xO_y
作者: Tang, SL (Tang, S. L.)[1]; Li, YF (Li, Y. F.)[1]; Wang, YR (Wang, Y. R.)[1]; Gao, YM (Gao, Y. M.)[1]; Zheng, Q (Zheng, Qi.)[1]; Yi, DW (Yi, D. W.)[2]
WOS: 000433648600064
6. 标题: Study of adhesion and friction drag on a rough hydrophobic surface: Sandblasted aluminum
作者: Li, LY (Li, Longyang)[1,2]; Zhu, JF (Zhu, Jingfang); Zhi, SD (Zhi, Shudi)[1,2]; Liu, EY (Liu, Eryong)[3]; Wang, G (Wang, Gang)[1]; Zeng, ZX (Zeng, Zhixiang)[1]; Zhao, WJ (Zhao, Wenjie)[1]; Xue, QJ (Xue, Qunji)[1]
WOS: 000440587100003
7. 标题: Planar solid-state amperometric hydrogen gas sensor based on Nafion (R)/Pt/nano-structured polyaniline/Au/Al₂O₃ electrode
作者: Do, JS (Do, Jing-Shan)[1,2]; Chen, YY (Chen, Yu-Yong)[1]; Tsai, ML (Tsai, Ming-Liao)[1]
WOS: 000441493800070
8. 标题: Phase-field modelling and simulation of morphology transition induced by thermoelectric effects during solidification in pure metals
作者: Du, LF (Du, Lifei)[1]; Cao, YQ (Cao, Youqi)[1]; Gao, ZT (Gao, Zhongtang)[2]; Du, HL (Du, Huiling)[1]
WOS: 000440572400001
9. 标题: Study on dye wastewater treatment of tunable conductivity solid-waste-based composite cementitious material catalyst
作者: Kang, L (Kang, Le)[1]; Du, HL (Du, Hui Ling)[1]; Du, X (Du, Xian)[1]; Wang, HT (Wang, Hai Ting)[1]; Ma, WL (Ma, Wan Li)[1]; Wang, ML (Wang, Ming Liang)[1]; Zhang, FB (Zhang, Feng Bo)[1]
WOS: 000446687700042
10. 标题: Size-Controllable Synthesis of Zeolitic Imidazolate Framework/Carbon Nanotube Composites
作者: Fu, F (Fu, Fang)[1]; Zheng, B (Zheng, Bin)[1]; Xie, LH (Xie, Lin-Hua)[2]; Du, HL (Du, Huiling)[1]; Du, SM (Du, Shuangming)[1]; Dong, ZH (Dong, Zhenhua)[3]
WOS: 000448550400001
11. 标题: Electrochemical study on the corrosion behaviors of 316 SS in HITEC molten salt at different temperatures



作者: Zhu, M (Zhu, Ming)[1]; Zeng, S (Zeng, Song)[1]; Zhang, HH (Zhang, Huihui)[1]; Li, JY (Li, Junyi)[1]; Cao, BY (Cao, Boyuan)[1]
WOS: 000441491100025

12. 标题: EFFECT OF LASER QUENCHING ON MICROSTRUCTURE AND PROPERTIES OF THE SURFACE OF TRACK MATERIALS

作者: Xue-Long, P (Xue-Long, Ping)[1]; Han-Guang, F (Han-Guang, Fu)[1]; Kai-Ming, W (Kai-Ming, Wang)[1]; Shu-Ting, S (Shu-Ting, Sun)[1]; Jiang, J (Jiang, Ju)[1]; Jian, L (Jian, Lin)[1]; Da-Wei, Y (Da-Wei, Yi)[2]; Zhen-Guo, X (Zhen-Guo, Xing)[3]; Yong-Ping, L (Yong-Ping, Lei)[1]
WOS: 000452016000010

13. 标题: Electrical properties of La₂Mo_{1.98}Nb_{0.02}O_{8.99} oxide ionic conductors prepared by tape castin

作者: Liu, X (Liu, Xiao)[1]; Xu, XM (Xu, Xiaomin)[1]; Du, HL (Du, Huiling)[1]
WOS: 000443274500019

14. 标题: High energy-storage properties of Bi_{0.5}Na_{0.5}TiO₃-BaTiO₃-SrTi_{0.875}Nb_{0.103} lead-free relaxor ferroelectrics

作者: Shi, J (Shi, Jing)[1]; Liu, X (Liu, Xiao)[2]; Tian, WC (Tian, Wenchao)[1]
WOS: 000443274500020

理学院

1. 标题: The points and diameters of quantales

作者: Liang, SH (Liang, Shaohui)[1]
WOS: 000436195300001

2. 标题: One-pot synthesis of N , S co-doped photoluminescent carbon quantum dots for Hg²⁺ ion detection

作者: Wei, JM (Wei Ju-meng)[1]; Liu, BT (Liu Bi-tao)[2]; Zhang, X (Zhang Xin)[3]; Song, CC (Song Chang-chun)[1]
WOS: 000443674300006

3. 标题: Effect of sintering temperature on the structural and luminescence properties of Er doped PbWO₄ microcrystals

作者: Pang, HF (Pang, Hua-Feng)[1]; Gu, ML (Gu, Malong)[1]; Li, BH (Li, Baihong)[1]; Zhang, T (Zhang, Tao)[1]
WOS: 000444432800001

4. 标题: Multibands acoustic metamaterial with multilayer structure

作者: Hao, LM (Hao, Limei)[1]; Men, ML (Men, Meiling)[1]; Zuo, YJ (Zuo, Yujie)[1]; Yan, XL (Yan, Xiaole)[1]; Zhang, PL (Zhang, Pengli)[1]; Chen, Z (Chen, Zhi)[2]
WOS: 000442223400001

5. 标题: Magnetocaloric effect and critical properties in La_{0.85}Li_{0.15}MnO₃

作者: Han, LA (Han, Li-an)[1]; Pang, SF (Pang, Shao-fang)[1]; Zhu, HZ (Zhu, Hua-ze)[1]; Zhang, PL (Zhang, Peng-li)[1]; Yang, J (Yang, Jing)[1]; Zhang, T (Zhang, Tao)[1]
WOS: 000448831000063

能源学院

1. 标题: Establishing coal-water-wind (solar) energy comprehensive green energy mining system by using mine water

作者: Sun, WB (Sun, WeiBo)[1,2]; Wang, Y (Wang, Yan)[1,2]; Zhang, LM (Zhang, LeiMing)[1]; Liu, YD (Liu, YanDa)[1]; Wang, X (Wang, Xin)[1]
WOS: 000436523600010

2. 标题: Experimental investigation of solid-liquid two-phase flow in cemented rock-tailings backfill using Electrical Resistance Tomography

作者: Liu, L (Liu, L.)([1,2]; Fang, ZY (Fang, Z. Y.)([1]; Wu, YP (Wu, Y. P.)([1]; Lai, XP (Lai, X. P.)([1]; Wang, P (Wang, P.)([3]; Song, KI (Song, Ki-II)([4]
WOS: 000434754500024

3. 标题: Experimental investigation on the relationship between pore characteristics and unconfined



compressive strength of cemented paste backfill

作者: Liu, L (Liu, Lang)[1,2] ; Fang, ZY (Fang, Zhiyu)[1] ; Qi, CC (Qi, Chongchong)[3] ; Zhang, B (Zhang, Bo)[1] ; Guo, LJ (Guo, Lijie)[4] ; Song, KI (Song, Ki-II)[5]
WOS: 000437373600024

4. 标题: **Numerical Simulation of the Fluid-Solid Coupling Process During the Failure of a Fractured Coal-Rock Mass Based on the Regional Geostress**

作者: Shan, PF (Shan, P. F.)[1] ; Lai, XP (Lai, X. P.)[1]
WOS: 000442010300018

5. 标题: **Image segmentation method based on K-mean algorithm**

作者: Shan, PF (Shan, Pengfei)[1]
WOS: 000443927400001

6. 标题: **Heat removal efficiency based multi-node model for both stratum ventilation and displacement ventilation**

作者: Zhang, S (Zhang, Sheng)[1] ; Cheng, Y (Cheng, Yong)[2] ; Huan, C (Huan, Chao)[3] ; Lin, Z (Lin, Zhang)[4]
WOS: 000445987100003

7. 标题: **Modeling non-uniform thermal environment of stratum ventilation with supply and exit air conditions**

作者: Zhang, S (Zhang, Sheng)[1] ; Cheng, Y (Cheng, Yong)[2,3] ; Huan, C (Huan, Chao)[4] ; Lin, Z (Lin, Zhang)[5]
WOS: 000447484300049

8. 标题: **Experimental investigation of precooling desiccant-wheel air-conditioning system in a high-temperature and high-humidity environment**

作者: Chen, L (Chen, L.)[1] ; Chen, SH (Chen, S. H.)[1] ; Liu, L (Liu, L.)[1] ; Zhang, B (Zhang, B.)[1]
WOS: 000449359500010

安全科学与工程学院

1. 标题: **Expansion properties and creep tests for a new type of solidified expansive sealing material for gas drainage boreholes in underground mines**

作者: Zhang, TJ (Zhang, Tianjun)[1,3] ; Bao, RY (Bao, Ruoyu)[2] ; Li, SG (Li, Shugang)[2,3] ; Zhang, C (Zhang, Chao)[2,3] ; Zhang, L (Zhang, Lei)[2]
WOS: 000436543200010

2. 标题: **Investigations of Ventilation Airflow Characteristics on a Longwall FaceA Computational Approach**

作者: Wang, ZW (Wang, Zhongwei)[1] ; Ren, T (Ren, Ting)[2] ; Ma, LQ (Ma, Liqiang)[3,4] ; Zhang, J (Zhang, Jian)[5]
WOS: 000436552700242

3. 标题: **A random forest approach for predicting coal spontaneous combustion**

作者: Lei, CK (Lei, Changkui)[1,2] ; Deng, J (Deng, Jun)[1,2] ; Cao, K (Cao, Kai)[3,4] ; Ma, L (Ma, Li)[1,2] ; Xiao, Y (Xiao, Yang)[1,2] ; Ren, LF (Ren, Lifeng)[1,2]
WOS: 000429423700007

4. 标题: **Effects on the activities of coal microstructure and oxidation treated by imidazolium-based ionic liquids**

作者: Deng, J (Deng, Jun)[1,2] ; Bai, ZJ (Bai, Zu-Jin)[1] ; Xiao, Y (Xiao, Yang)[1,2] ; Shu, CM (Shu, Chi-Min)[3]
WOS: 000435398700045

5. 标题: **A New Hybrid Method for China's Energy Supply Security Forecasting Based on ARIMA and XGBoost**

作者: Li, P (Li, Pin)[1,2] ; Zhang, JS (Zhang, Jin-Suo)[3]
WOS: 000441830500071

6. 标题: **Characteristics of carbon monoxide production and oxidation kinetics during the decaying process of coal spontaneous combustion**

作者: Zhang, YT (Zhang, Yutao)[1] ; Shi, XQ (Shi, Xueqiang)[1] ; Li, YQ (Li, Yaqing)[1] ; Liu, YR (Liu, Yurui)[1]
WOS: 000437698800013



7. 标题: **Numerical tests on thermal cracking characteristics of rocks with different scales**
作者: Xiao, Y (Xiao, Yang)[1]; Zhao, R (Zhao, Rui)[1]; Huang, QX (Huang, Qing-Xiang)[2]; Deng, J (Deng, Jun)[1]; Lu, JH (Lu, Jun-Hui)[3]
WOS: 000441260500001
8. 标题: **Comparative analysis of thermokinetic behavior and gaseous products between first and second coal spontaneous combustion**
作者: Xiao, Y (Xiao, Yang)[1,2]; Ren, SJ (Ren, Shuai-Jing)[1]; Deng, J (Deng, Jun)[1,2]; Shu, CM (Shu, Chi-Min)[3]
WOS: 000438188600035
9. 标题: **Label-free ferrule-top optical fiber micro-cantilever biosensor**
作者: Li, J (Li, J.)[1,2]; Zhou, YX (Zhou, Y. X.)[3]; Guo, YX (Guo, Y. X.)[2]; Wang, GY (Wang, G. Y.)[1]; Maier, RRJ (Maier, R. R. J.)[4]; Hand, DP (Hand, D. P.)[4]; MacPherson, WN (MacPherson, W. N.)[4]
WOS: 000447097200062
10. 标题: **Effects of moisture content on fracturing and heating processes during ultrasonication**
作者: Zhai, C (Zhai, Cheng)[1,2,3]; Yu, GQ (Yu, Guoqing)[1,2,3]; Qin, L (Qin, Lei)[4]; Xu, JZ (Xu, Jizhao)[1,2,3]; Sun, Y (Sun, Yong)[1,2,3]; Wu, SJ (Wu, Shangjian)[1,2,3]; Dong, RW (Dong, Ruowei)[1,2,3]
WOS: 000445314200024
11. 标题: **Improved dust management at a longwall top coal caving (LTCC) face - A CFD modelling approach**
作者: Ren, T (Ren, Ting)[1]; Wang, ZW (Wang, Zhongwei)[2]; Zhang, J (Zhang, Jian)[3]
WOS: 000441285000007
12. 标题: **Experimental study on crack evolution characteristics of rock-like materials under different strain rates**
作者: Li, SG (Li Shugang)[1]; Du, XH (Du Xuanhong)[1]; Zhao, PX (Zhao Pengxiang)[1]; Xiao, P (Xiao Peng)[1]; Lin, HF (Lin Haifei)[1]; Shuang, HQ (Shuang Haiqing)[1]
WOS: 000435931100001
13. 标题: **Effect of oxygen concentration on low-temperature exothermic oxidation of pulverized coal**
作者: Deng, J (Deng, Jun)[1,2]; Ren, LF (Ren, Li-Feng)[1,2]; Ma, L (Ma, Li)[1,2]; Lei, CK (Lei, Chang-Kui)[1,2]; Wei, GM (Wei, Gao-Ming)[1,2]; Wang, WF (Wang, Wei-Feng)[1,2]
WOS: 000444663600013
14. 标题: **Experimental Research on the Properties of "Solid-Gas" Coupling Physical Simulation Similar Materials and Testing by Computer of Gas in Coal Rock**
作者: Zhao, PX (Zhao, Pengxiang)[1,2]; Zhuo, RS (Zhuo, Risheng)[1]; Li, SG (Li, Shugang)[1,2]; Lin, HF (Lin, Haifei)[1,2]
WOS: 000450590500067
15. 标题: **Thermal properties of coals with different metamorphic levels in air atmosphere**
作者: Deng, J (Deng, Jun)[1,2]; Ren, SJ (Ren, Shuai-Jing)[1]; Xiao, Y (Xiao, Yang)[1,2]; Li, QW (Li, Qing-Wei)[1]; Shu, CM (Shu, Chi-Min)[3]
WOS: 000448092600052
16. 标题: **Inhibiting effects of three commercial inhibitors in spontaneous coal combustion**
作者: Deng, J (Deng, Jun)[1,2]; Yang, Y (Yang, Yi)[1,2]; Zhang, YN (Zhang, Yan-Ni)[1,2]; Liu, B (Liu, Bo)[1,2]; Shu, CM (Shu, Chi-Min)[3]
WOS: 000445985300097
17. 标题: **Effects of UV for Cycloaliphatic Epoxy Resin via Thermokinetic Models, Novel Calorimetric Technology, and Thermogravimetric Analysis**
作者: Bin, LW (Bin Laiwang)[1,2]; Liu, SH (Liu, Shang-Hao)[1]; Tsai, YT (Tsai, Yun-Ting)[3]; Jun, D (Jun Deng)[4]; Jiang, HC (Jiang, Hui-Chun)[5]; Bei, L (Bei Li)[6]; Shu, CM (Shu, Chi-Min)[2,7]
WOS: 000448420300003
18. 标题: **Risk evaluation of coal spontaneous combustion on the basis of auto-ignition temperature**
作者: Zhang, YT (Zhang, Yutao)[1]; Liu, YR (Liu, Yurui)[1]; Shi, XQ (Shi, Xueqiang)[1]; Yang, CP (Yang, Chaoping)[1]; Wang, WF (Wang, Weifeng)[1]; Li, YQ (Li, Yaqing)[1]
WOS: 000441893200008



1. 标题: **Weakly-coupled multicore optical fiber taper-based high-temperature sensor**
作者: Yue, CX (Yue Chunxia)[1,2] ; Ding, H (Ding Hui)[1] ; Ding, W (Ding Wei)[1] ; Xu, CW (Xu Chaowei)[1]
WOS: 000447097200019
2. 标题: **A cable fault recognition method based on a deep belief network**
作者: Qin, XB (Qin Xuebin)[1] ; Zhang, YZ (Zhang Yizhe)[1] ; Mei, W (Mei Wang)[1] ; Dong, G (Dong Gang)[2] ; Gao, J (Gao Jun)[3] ; Wang, P (Wang Pai)[1] ; Deng, J (Deng Jun)[1] ; Pan, HG (Pan Hongguang)[1]
WOS:000451655800037

测绘科学与技术学院

1. 标题: **The Temperature Vegetation Dryness Index (TVDI) Based on Bi-Parabolic NDVI-T-s Space and Gradient-Based Structural Similarity (GSSIM) for Long-Term Drought Assessment Across Shaanxi Province, China (2000-2016)**
作者: Liu, Y (Liu, Ying)[1] ; Yue, H (Yue, Hui)[1]
WOS:000436561800153
2. 标题: **A Preliminary Evaluation of the GaoFen-3 SAR Radiation Characteristics in Land Surface and Compared With Radarsat-2 and Sentinel-1A**
作者: Chen, Q (Chen, Quan)[1] ; Li, Z (Li, Zhen)[1] ; Zhang, P (Zhang, Ping)[1] ; Tao, HR (Tao, Haoran)[2] ; Zeng, JY (Zeng, Jiangyuan)[3]
WOS: 000436464300015
3. 标题: **A new GPS/BDS tropospheric delay resolution approach for monitoring deformation in super high-rise buildings**
作者: Li, X (Li, Xin)[1] ; Huang, GW (Huang, Guanwen)[1] ; Zhang, Q (Zhang, Qin)[1] ; Zhao, QZ (Zhao, Qingzhi)[2]
WOS: 000437495100001
4. 标题: **Dynamic monitoring the infrastructure of major ports in Sri Lanka by using multi-temporal high spatial resolution remote sensing image**
作者: Ge, Y (Ge Yong)[1] ; Chen, YH (Chen Yuehong)[2] ; Jia, YX (Jia Yuanxin)[1,3] ; Guo, X (Guo Xian)[1] ; Hu, S (Hu Shan)[4]
WOS:000433356100007
5. 标题: **Evaluation and hydrological application of satellite-based precipitation datasets in driving hydrological models over the Huifa river basin in Northeast China**
作者: Zhu, HL (Zhu, Honglei)[1] ; Li, Y (Li, Ying)[2] ; Huang, YW (Huang, Yanwei)[1] ; Li, YC (Li, Yingchen)[1] ; Hou, CC (Hou, Cuicui)[1] ; Shi, XL (Shi, Xiaoliang)[3]
WOS: 000430901800003
6. 标题: **High-Resolution Remote Sensing Image Change Detection by Statistical-Object-Based Method**
作者: Zhang, CS (Zhang, Chunsen)[1] ; Li, GJ (Li, Guojun)[1] ; Cui, WH (Cui, Weihong)[2]
WOS: 000440035600024
7. 标题: **Troposphere Water Vapour Tomography: A Horizontal Parameterised Approach**
作者: Zhao, QZ (Zhao, Qingzhi)[1] ; Yao, YB (Yao, Yibin)[2] ; Yao, WQ (Yao, Wanqiang)[1]
WOS:000443618100077
8. 标题: **An optimal tropospheric tomography approach with the support of an auxiliary area**
作者: Zhao, QZ (Zhao, Qingzhi)[1] ; Yao, YB (Yao, Yibin)[2,3] ; Yao, WQ (Yao, Wanqiang)[1] ; Xia, PF (Xia, Pengfei)[4]
WOS: 000440368800001
9. 标题: **A Real-Time Imaging Algorithm Based on Sub-Aperture CS-Dechirp for GF3-SAR Data**
作者: Sun, GC (Sun, Guang-Cai)[1] ; Liu, YB (Liu, Yanbin)[1] ; Xing, MD (Xing, Mengdao)[1] ; Wang, SY (Wang, Shiyu)[2] ; Guo, L (Guo, Liang)[2] ; Yang, J (Yang, Jun)[3]
WOS: 000445712400162
10. 标题: **A Channel Phase Error Correction Method Based on Joint Quality Function of GF-3 SAR Dual-Channel Images**
作者: Sun, GC (Sun, Guangcai)[1] ; Xiang, JX (Xiang, Jixiang)[1] ; Xing, MD (Xing, Mengdao)[1] ; Yang, J (Yang, Jun)[2] ; Guo, L (Guo, Liang)[3]
WOS: 000446940600390
11. 标题: **Estimation of dip angle of Haiyuan faults based on seismic data**



- 作者: Duan, HR (Duan HuRong)[1] ; Zhou, SY (Zhou ShiYong)[2] ; Li, R (Li Run)[1]
WOS: 000444791100019
12. 标题: **Upscaling Solar-Induced Chlorophyll Fluorescence from an Instantaneous to Daily Scale Gives an Improved Estimation of the Gross Primary Productivity**
作者: Hu, JC (Hu, Jiaochan)[1,2] ; Liu, LY (Liu, Liangyun)[1] ; Guo, J (Guo, Jian)[1,3] ; Du, SS (Du, Shanshan)[1,2] ; Liu, XJ (Liu, Xinjie)[1]
WOS:000448555800163
13. 标题: **One-step solution to local tie vector determination at co-located GNSS/VLBI sites**
作者: Ma, XP (Ma, Xiaping)[1] ; Yu, KG (Yu, Kegen)[2] ; Montillet, JP (Montillet, Jean-Philippe)[3] ; He, XX (He, Xiaoxing)[4]
WOS:000450595100001
14. 标题: **Erosion in peatlands: Recent research progress and future directions**
作者: Li, CJ (Li, Changjia)[1] ; Grayson, R (Grayson, Richard)[1] ; Holden, J (Holden, Joseph)[1] ; Li, PF (Li, Pengfei)[1,2]
WOS: 000448493500039
15. 标题: **Regional suitability of virtual water strategy: Evaluating with an integrated water-ecosystem-economy index**
作者: Cui, XL (Cui, Xiaolin)[1] ; Wu, XJ (Wu, Xiaojuan)[1] ; He, XJ (He, Xiaojia)[2] ; Li, Z (Li, Zhe)[3] ; Shi, CC (Shi, Chencheng)[4] ; Wu, F (Wu, Feng)[5,6]
WOS: 000444358400061
16. 标题: **Influence of slope aspect on the microbial properties of rhizospheric and non-rhizospheric soils on the Loess Plateau, China**
作者: Ai, ZM (Ai, Ze Min)[1,2,3,4,5] ; Zhang, JY (Zhang, Jiao Yang)[1,3,4,5] ; Liu, HF (Liu, Hong Fei)[6] ; Xue, S (Xue, Sha)[1,3,4] ; Liu, GB (Liu, Guo Bin)[1,3,4]
WOS: 000446813100001
17. 标题: **Near-global GPS-derived PWV and its analysis in the El Nino event of 2014-2016**
作者: Zhao, QZ (Zhao, Qingzhi)[1] ; Yao, YB (Yao, Yibin)[2] ; Yao, WQ (Yao, Wan Qiang)[1] ; Li, ZF (Li, Zufeng)[3]
WOS: 000449447700007
18. 标题: **Reduced sediment transport in the Chinese Loess Plateau due to climate change and human activities**
作者: Yang, XN (Yang, Xiaonan)[1] ; Sun, WY (Sun, Wenyi)[1,2] ; Li, PF (Li, Pengfei)[3] ; Mu, XM (Mu, Xingmin)[1,2] ; Gao, P (Gao, Peng)[1,2] ; Zhao, GJ (Zhao, Guangju)[1,2]
WOS: 000439405600058

地质与环境学院

1. 标题: **Study on the Preparation of Plasma-Modified Fly Ash Catalyst and Its De-NOX Mechanism**
作者: Zhang, L (Zhang, Lei)[1] ; Wen, X (Wen, Xin)[1] ; Zhang, L (Zhang, Lei)[2] ; Sha, XL (Sha, Xiangling)[3] ; Wang, YS (Wang, Yusu)[1] ; Chen, JH (Chen, Jihao)[1] ; Luo, M (Luo, Min)[1] ; Li, YH (Li, Yonghui)[2]
WOS: 000436500300180
2. 标题: **One-step synthesis of OH-TiO₂/TiOF₂ nanohybrids and their enhanced solar light photocatalytic performance**
作者: Hou, CT (Hou, Chentao)[1] ; Liu, WL (Liu, Wenli)[1]
WOS: 000437210500019
3. 标题: **Organic Base-Catalyzed C-S Bond Construction from CO₂: A New Route for the Synthesis of Benzothiazolones**
作者: Gao, X (Gao, Xiang)[1] ; Deng, YH (Deng, Yuehua)[1] ; Lu, CY (Lu, Changyu)[1] ; Zhang, L (Zhang, Lei)[1] ; Wang, XT (Wang, Xintao)[1] ; Yu, B (Yu, Bo)[2]
WOS: 000440016400018
4. 标题: **GIS-based groundwater potential analysis using novel ensemble weights-of-evidence with logistic regression and functional tree models**
作者: Chen, W (Chen, Wei)[1] ; Li, H (Li, Hui)[2,3] ; Hou, EK (Hou, Enke)[1] ; Wang, SQ (Wang, Shengquan)[1,4] ; Wang, GR (Wang, Guirong)[1] ; Panahi, M (Panahi, Mahdi)[5] ; Li, T (Li, Tao)[6] ; Peng, T (Peng, Tao)[1] ; Guo, C (Guo, Chen)[1] ; Niu, C (Niu, Chao)[1]
WOS: 000433153600090



5. 标题: **Optimization of industrial boiler combustion control system based on genetic algorithm**
作者: Pan, HG (Pan, Hongguang)[1] ; Zhong, WM (Zhong, Weimin)[2] ; Wang, ZY (Wang, Zaiying)[1] ; Wang, GX (Wang, Guoxin)[1]
WOS: 000446151100072
6. 标题: **Land Subsidence Susceptibility Mapping in South Korea Using Machine Learning Algorithms**
作者: Bui, DT (Dieu Tien Bui)[1,2] ; Shahabi, H (Shahabi, Himan)[3] ; Shirzadi, A (Shirzadi, Ataollah)[4] ; Chapi, K (Chapi, Kamran)[4] ; Pradhan, B (Pradhan, Biswajeet)[5,6] ; Chen, W (Chen, Wei)[7] ; Khosravi, K (Khosravi, Khabat)[8] ; Panahi, M (Panahi, Mahdi)[9] ; Bin Ahmad, B (Bin Ahmad, Baharin)[10] ; Saro, L (Saro, Lee)[11,12]
WOS: 000445712400064
7. 标题: **Terrestrial heat flow and geothermal field characteristics in the Bide-Santang basin, western Guizhou, South China**
作者: Guo, C (Guo, Chen)[1] ; Qin, Y (Qin, Yong)[2] ; Lu, LL (Lu, Lingling)[1]
WOS: 000443306200008
8. 标题: **Mixed biogenic and hydrothermal quartz in Permian lacustrine shale of Santanghu Basin, NW China: implications for penecontemporaneous transformation of silica minerals**
作者: Jiao, X (Jiao, Xin)[1,2] ; Liu, YQ (Liu, Yiqun)[1] ; Yang, W (Yang, Wan)[2] ; Zhou, DW (Zhou, Dingwu)[1] ; Wang, SS (Wang, Shuangshuang)[3] ; Jin, MQ (Jin, Mengqi)[3] ; Sun, B (Sun, Bin)[2] ; Fan, TT (Fan, Tingting)[4]
WOS: 000441933400004
9. 标题: **New Hybrids of ANFIS with Several Optimization Algorithms for Flood Susceptibility Modeling**
作者: Bui, DT (Dieu Tien Bui)[1,2] ; Khosravi, K (Khosravi, Khabat)[3] ; Li, SJ (Li, Shaojun)[4] ; Shahabi, H (Shahabi, Himan)[5] ; Panahi, M (Panahi, Mahdi)[6] ; Singh, VP (Singh, Vijay P.)(7,8] ; Chapi, K (Chapi, Kamran)[9] ; Shirzadi, A (Shirzadi, Ataollah)[9] ; Panahi, S (Panahi, Somayeh)[6] ; Chen, W (Chen, Wei)[10]
WOS: 000448821900102
10. 标题: **Application of Plasma Treatment in Preparation of Soybean Oil Factory Sludge Catalyst and Its Application in Selective Catalytic Oxidation (SCO) Denitration**
作者: Zhang, L (Zhang, Lei)[1] ; Yang, C (Yang, Chao)[1] ; Zhang, L (Zhang, Lei)[2] ; He, HB (He, Huibin)[3] ; Luo, M (Luo, Min)[1] ; Jia, Y (Jia, Yang)[1] ; Li, YH (Li, Yonghui)[2]
WOS: 000446395200125
11. 标题: **Partial oxidation treatment of waste polyvinyl chloride in critical water: Preparation of benzaldehyde/acetophenone and dechlorination**
作者: Qi, YY (Qi, Yingying)[1] ; He, JH (He, Jiahuan)[1] ; Xiu, FR (Xiu, Fu-Rong)[1] ; Nie, WJ (Nie, Wenjie)[1] ; Chen, MJ (Chen, Mengjun)[2]
WOS: 000444364400027
12. 标题: **Effect of Wettability on Adsorption and Desorption of Coalbed Methane: A Case Study from Low-Rank Coals in the Southwestern Ordos Basin, China**
作者: Li, P (Li, Pei)[1,2,3] ; Ma, DM (Ma, Dongmin)[4] ; Zhang, JC (Zhang, Jinchuan)[1,2,3] ; Tang, X (Tang, Xuan)[1,2,3] ; Huo, ZP (Huo, Zhipeng)[1,2,3] ; Li, Z (Li, Zhen)[1,2,3] ; Liu, JL (Liu, Junlan)[1,2,3]
WOS: 000444218800017
13. 标题: **Petrography and Organic Geochemistry Characterizations of Lower Paleozoic Organic-Rich Shale in the Northwestern Upper Yangtze Plate: Niutitang Formation and Longmaxi Formation, Dabashan Foreland Belt**
作者: Li, DL (Li, Delu)[1] ; Li, RX (Li, Rongxi)[2] ; Zhao, D (Zhao, Di)[1] ; Xu, F (Xu, Feng)[3]
WOS: 000448567300023
14. 标题: **Landslide Detection and Susceptibility Mapping by AIRSAR Data Using Support Vector Machine and Index of Entropy Models in Cameron Highlands, Malaysia**
作者: Bui, D (Dieu Tien Bui)[1,2] ; Shahabi, H (Shahabi, Himan)[3] ; Shirzadi, A (Shirzadi, Ataollah)[4] ; Chapi, K (Chapi, Kamran)[4] ; Alizadeh, M (Alizadeh, Mohsen)[5] ; Chen, W (Chen, Wei)[6] ; Mohammadi, A (Mohammadi, Ayub)[7] ; Bin Ahmad, B (Bin Ahmad, Baharin)[7] ; Panahi, M (Panahi, Mahdi)[8] ; Hong, HY (Hong, Haoyuan)[9,10]
WOS: 000448558000027
15. 标题: **Completely separating metals and nonmetals from waste printed circuit boards by slurry electrolysis**
作者: Yang, DZ (Yang, Deze)[1] ; Chu, YY (Chu, Yingying)[1] ; Wang, JB (Wang, Jianbo)[1] ; Chen,



MJ (Chen, Mengjun)[1] ; Shu, JC (Shu, Jiancheng)[1] ; Xiu, FR(Xiu, Furong)[2] ; Xu, ZH (Xu, Zhonghui)[1] ; Sun, SH (Sun, Shuhui)[3] ; Chen, S (Chen, Shu)[1]
WOS: 000441650000032

16. 标题: Novel GIS Based Machine Learning Algorithms for Shallow Landslide Susceptibility Mapping

作者: Shirzadi, A (Shirzadi, Ataollah)[1] ; Soliamani, K (Soliamani, Karim)[1] ; Habibnejhad, M (Habibnejhad, Mahmood)[1] ; Kaviani, A (Kaviani, Ataollah)[1] ; Chapi, K (Chapi, Kamran)[2] ; Shahabi, H (Shahabi, Himan)[3] ; Chen, W (Chen, Wei)[4] ; Khosravi, K (Khosravi, Khabat)[1] ; Pham, T (Binh Thai Pham)[5] ; Pradhan, B (Pradhan, Biswajeet)[6,7]
WOS: 000451598900187

17. 标题: Quantitative Assessment of Landslide Susceptibility Comparing Statistical Index, Index of Entropy, and Weights of Evidence in the Shangnan Area, China

作者: Liu, J (Liu, Jie)[1] ; Duan, Z (Duan, Zhao)[2]
WOS: 000451308800060

18. 标题: Hybrid Integration Approach of Entropy with Logistic Regression and Support Vector Machine for Landslide Susceptibility Modeling

作者: Zhang, TY (Zhang, Tingyu)[1] ; Han, L (Han, Ling)[1] ; Chen, W (Chen, Wei)[2] ; Shahabi, H (Shahabi, Himan)[3]
WOS: 000451308800076

19. 标题: A GIS-based method of risk assessment on no. 11 coal-floor water inrush from Ordovician limestone in Hancheng mining area, China

作者: Dai, GL (Dai, Gelian)[1,2] ; Xue, XY (Xue, Xiaoyuan)[1] ; Xu, K (Xu, Ke)[1] ; Dong, L (Dong, Lei)[1] ; Niu, C (Niu, Chao)[1]
WOS: 000450990400004

20. 标题: Performance evaluation of the GIS-based data mining techniques of best-first decision tree, random forest, and naive Bayes tree for landslide susceptibility modeling

作者: Chen, W (Chen, Wei)[1] ; Zhang, S (Zhang, Shuai)[1] ; Li, RW (Li, Renwei)[1] ; Shahabi, H (Shahabi, Himan)[2]
WOS: 000445164000104

21. 标题: A novel ensemble approach of bivariate statistical-based logistic model tree classifier for landslide susceptibility assessment

作者: Chen, W (Chen, Wei)[1,2] ; Shahabi, H (Shahabi, Himan)[3] ; Shirzadi, A (Shirzadi, Ataollah)[4] ; Li, T (Li, Tao)[1] ; Guo, C (Guo, Chen)[1] ; Hong, HY (Hong, Haoyuan)[5,6,7] ; Li, W (Li, Wei)[1] ; Pan, D (Pan, Di)[1] ; Hui, JR (Hui, Jiarui)[1] ; Ma, MZ (Ma, Mingzhe)[1]
WOS: 000451689000007

通信与信息工程学院

1. 标题: Novel coherent radar high-speed manoeuvring target detection method

作者: Wang, J (Wang, Jing)[1] ; Guo, P (Guo, Ping)[1] ; Li, YW (Li, Yin-wei)[2] ; Wu, DM (Wu, Dong-mei)[1] ; Chen, LF (Chen, Li-fu)[3]
WOS: 000435106400027

2. 标题: Focusing High-Resolution Airborne SAR with Topography Variations Using an Extended BPA Based on a Time/Frequency Rotation Principle

作者: Lin, CH (Lin, Chunhui)[1] ; Tang, SY (Tang, Shiyang)[1] ; Zhang, LR (Zhang, Linrang)[1] ; Guo, P (Guo, Ping)[2]
WOS: 000443618100111

3. 标题: Power Optimization for Massive MIMO Systems With Hybrid Energy Harvesting Transmitter

作者: Zhang, Y (Zhang, Yang)[1,2] ; Zhang, D (Zhang, Dan)[1] ; Pang, LH (Pang, Lihua)[1,3] ; Chi, MJ (Chi, Mingjie)[1] ; Li, Y (Li, Yi)[1] ; Ren, GL (Ren, Guangliang)[1] ; Li, JD (Li, Jiandong)[1]
WOS: 000447853300080

4. 标题: Vehicle detection using improved morphological reconstruction for QuickBird images

作者: Liu, DL (Liu, Delian)[1] ; Han, L (Han, Liang)[1] ; Li, ZH (Li, Zhaohui)[2]
WOS: 000448664100001

5. 标题: Corrections to "Range-Angle-Dependent Beamforming of Pulsed-Frequency Diverse Array"

作者: Xu, YH (Xu, Yanhong)[1,2] ; Xu, JW (Xu, Jingwei)[3,4]
WOS: 000449107400094



建筑与土木工程学院

1. 标题: **Determining the Middle Tower Stiffness Value in an In-Plane Double-Cable Triple-Tower Suspension Bridge**
作者: Wang, XL (Wang, Xiulan)[1]; Chai, SB (Chai, Shengbo)[2]
WOS: 000432567100011
2. 标题: **Late Quaternary tectonic activity and shortening rate of the Beiluntai fault zone in the South Tianshan, Xinjiang, NW China**
作者: Yao, Y (Yao, Yuan)[1]; Song, HP (Song, He-Ping)[1]; Chen, JB (Chen, Jian-Bo)[1]; Li, S (Li, Shuai)[1]; Jia, HL (Jia, Hai-Liang)[2]
WOS: 000438361800007
3. 标题: **Modeling the effects of parameter optimization on three bioretention tanks using the HYDRUS-1D model**
作者: Li, JK (Li, Jiake)[1]; Zhao, RS (Zhao, Ruisong)[1]; Li, YJ (Li, Yajiao)[2]; Chen, L (Chen, Li)[1,3]
WOS: 000432508400004
4. 标题: **Simulation of Rain Garden Effects in Urbanized Area Based on Mike Flood**
作者: Li, JK (Li, Jiake)[1]; Zhang, B (Zhang, Bei)[1]; Li, YJ (Li, Yajiao)[2]; Li, HE (Li, Huaian)[1]
WOS: 000442579700043
5. 标题: **Adsorption Characteristics of Several Bioretention-Modified Fillers for Phosphorus**
作者: Zhang, BH (Zhang, Binhong)[1]; Li, JK (Li, Jiake)[1]; Li, YJ (Li, Yajiao)[2]; Li, HE (Li, Huaian)[1]
WOS: 000442579700014
6. 标题: **Influence of Temperature on the Microstructure Deterioration of Sandstone**
作者: Shen, YJ (Shen, Yan-Jun)[1,2]; Zhang, YL (Zhang, Yu-Liang)[3]; Gao, F (Gao, Feng)[2]; Yang, GS (Yang, Geng-She)[1]; Lai, XP (Lai, Xing-Ping)[4]
WOS: 000441830500137
7. 标题: **Hydrological Environmental Responses of LID and Approach for Rainfall Pattern Selection in Precipitation Data-Lacked Region**
作者: Li, JK (Li, Jiake)[1]; Deng, CN (Deng, Chenning)[1]; Li, HE (Li, Huaian)[1]; Ma, MH (Ma, Menghua)[1]; Li, YJ (Li, Yajiao)[2]
WOS: 000436897000002
8. 标题: **A resistivity model for testing unfrozen water content of frozen soil**
作者: Tang, LY (Tang, Liyun)[1]; Wang, K (Wang, Ke)[1]; Jin, L (Jin, Long)[2]; Yang, GS (Yang, Gengshe)[1]; Jia, HL (Jia, Hailiang)[1]; Taoum, A (Taoum, Assaad)[3,4]
WOS: 000439349800007
9. 标题: **Reduction and Accumulative Characteristics of Dissolved Heavy Metals in Modified Bioretention Media**
作者: Li, YJ (Li, Yajiao)[1]; Wen, M (Wen, Meng)[1]; Li, JK (Li, Jiake)[2]; Chai, BB (Chai, Beibei)[1]; Jiang, CB (Jiang, Chunbo)[2]
WOS: 000451208400203
10. 标题: **Theoretical and Numerical Analyses of Earth Pressure Coefficient along the Centerline of Vertical Openings with Granular Fills**
作者: Yang, PY (Yang, Pengyu)[1,2]; Li, L (Li, Li)[2]; Aubertin, M (Aubertin, Michel)[2]
WOS: 000448653700016
11. 标题: **The influence of temperature and moisture content on sandstone thermal conductivity from a case using the artificial ground freezing(AGF) method**
作者: Shen, YJ (Shen, Yan-jun)[1,2]; Wang, YZ (Wang, Yong-zhi)[1]; Zhao, XD (Zhao, Xiao-dong)[2]; Yang, GS (Yang, Geng-she)[1]; Jia, HL (Jia, Hai-liang)[1]; Rong, TL (Rong, Teng-long)[3]
WOS: 000444514700015
12. 标题: **Damage characteristics and thermo-physical properties changes of limestone and sandstone during thermal treatment from-30 degrees C to 1000 degrees C**
作者: Shen, YJ (Shen, Yanjun)[1]; Yang, Y (Yang, Yang)[1]; Yang, GS (Yang, Gengshe)[1]; Hou, X (Hou, Xin)[1]; Ye, WJ (Ye, Wanjun)[1]; You, ZM (You, Zheming)[2]; Xi, JM (Xi, Jiami)[1]
WOS: 000447509900016
13. 标题: **Seismic Analysis of Steel Solid Web Girder-RC Tubular Column Hybrid Structure**
作者: Dai, HJ (Dai, Huijuan)[1]; Wang, B (Wang, Bo)[2]



WOS: 000451302800085

计算机科学与技术学院

1. 标题: **Accurate Cooperative Control for Multiple Leaders Multiagent Uncertain Systems: A Two-Layer Node-to-Node Communication Framework**
作者: Wang, BH (Wang, Bohui)[1] ; Chen, WS (Chen, Weisheng)[1] ; Wang, JC (Wang, Jingcheng)[2] ; Zhang, B (Zhang, Bin)[3] ; Zhang, ZQ (Zhang, Zhengqiang)[4] ; Qiu, XG (Qiu, Xingguo)[5]
WOS: 000434297100008
2. 标题: **Multi-Objective Optimization Based Allocation of Heterogeneous Spatial Crowdsourcing Task**
作者: Wang, L (Wang, Liang)[1,2] ; Yu, ZW (Yu, Zhiwen)[1] ; Han, Q (Han, Qi)[3] ; Guo, B (Guo, Bin)[1] ; Xiong, HY (Xiong, Haoyi)[4]
WOS: 000434291500011
3. 标题: **An artificial bee colony optimization based matching pursuit approach for ultrasonic echo estimation**
作者: Qi, AL (Qi, Ai-Ling)[1] ; Zhang, GM (Zhang, Guang-Ming)[2] ; Dong, M (Dong, Ming)[3] ; Ma, HW (Ma, Hong-Wei)[3] ; Harvey, DM (Harvey, David M.)([2]
WOS: 000433884200001

机械工程学院

1. 标题: **Preparation and Endothelialization of Multi-level Vessel-like Network in Enzymated Gelatin Scaffolds**
作者: Dong, GR (Dong, Guirong)[1,2] ; Lian, Q (Lian, Qin)[3] ; Yang, LX (Yang, Laixia)[1] ; Mao, W (Mao, Wei)[3] ; Liu, SY (Liu, Shiyang)[3] ; Xu, C (Xu, Chao)[1]
WOS: 000437839000008
2. 标题: **Improved Corrosion Resistance on Selective Laser Melting Produced Ti-5Cu Alloy after Heat Treatment**
作者: Qin, P (Qin, Peng)[1] ; Liu, YJ (Liu, Yujing)[2] ; Sercombe, TB (Sercombe, Timothy B.)([2] ; Li, YH (Li, Yuhua)[3] ; Zhang, CW (Zhang, Chuanwei)[3] ; Cao, CD (Cao, Chongde)[4,5] ; Sun, HQ (Sun, Hongqi)[1] ; Zhang, LC (Zhang, Lai-Chang)[1]
WOS: 000438475500037
3. 标题: **Theoretical and experimental investigation on influence of load control strategy of LY12 duralumin alloy bar fine cropping process**
作者: Zhong, B (Zhong, Bin)[1] ; Zhao, SD (Zhao, Shengdun)[2] ; Chen, WJ (Chen, Wenjie)[3] ; Xu, C (Xu, Chao)[1] ; Zhang, CW (Zhang, Chuanwei)[1]
WOS: 000441485500031
4. 标题: **Improved wear resistance and mechanism of titanium aluminum based alloys reinforced by solid lubricant materials**
作者: Li, XW (Li, Xuewu)[1] ; Shi, T (Shi, Tian)[1] ; Zhang, CW (Zhang, Chuanwei)[1] ; Li, SM (Li, Simian)[2] ; Zhang, JH (Zhang, Jiahuan)[2] ; Zhang, LC (Zhang, Lai-Chang)[3]
WOS: 000439146300002
5. 标题: **High-strength beta stabilized Ti-Nb-Fe-Cr alloys with large plasticity**
作者: Rabadia, CD (Rabadia, C. D.)([1] ; Liu, YJ (Liu, Y. J.)([2] ; Cao, GH (Cao, G. H.)([3] ; Li, YH (Li, Y. H.)([4] ; Zhang, CW (Zhang, C. W.)([4] ; Sercombe, TB (Sercombe, T. B.)([2] ; Sun, H (Sun, H.)([1] ; Zhang, LC (Zhang, L. C.)([1]
WOS: 000441486100042
6. 标题: **Crack Growth Driving Force at Tip of Stress Corrosion Cracking in Nuclear Structural Materials at Initial Stage**
作者: Xue, H (Xue He)[1] ; Cui, YH (Cui Yinghao)[1] ; Li, GB (Li Gangbo)[1] ; Wang, S (Wang Shuai)[1]
WOS: 000444219500015
7. 标题: **Maximum energy conversion from human motion using piezoelectric flex transducer: A multi-level surrogate modeling strategy**
作者: Luo, LH (Luo, Liheng)[1] ; Liu, DZ (Liu, Dianzi)[2,3] ; Zhu, ML (Zhu, Meiling)[4] ; Liu, YJ (Liu, Yijie)[5] ; Ye, JQ (Ye, Jianqiao)[1]
WOS: 000443346800006
8. 标题: **Fabrication of Superhydrophobic Structure on 5A05 Aluminum Alloy Surface and Its Corrosion Resistance**



作者: Zhang, CW (Zhang Chuanwei)[1]; Li, XW (Li Xuewu)[1]; Shi, T (Shi Tian)[1]; Zhang, LC (Zhang Laichang)[2]

WOS: 000449442900010

9. 标题: **Characterization of the Microstructure Evolution of Ni-Based Superalloy at Liquidus Temperature by Electromagnetic Field**

作者: Gao, ZT (Gao, Zhongtang)[1]; Tan, JQ (Tan, Jinqiang)[2]; Guo, W (Guo, Wei)[1]; Zhang, CW (Zhang, Chuanwei)[1]; Zhang, W (Zhang, Wu)[1]

WOS: 000448658700012

10. 标题: **A four-foot walking-type stepping piezoelectric actuator: driving principle, simulation and experimental evaluation**

作者: Xu, DM (Xu, Dongmei)[1,2]; Liu, YX (Liu, Yingxiang)[1]; Liu, JK (Liu, Junkao)[1]; Wang, L (Wang, Liang)[1]

WOS: 000445775500002

11. 标题: **Topology optimization of a novel fuselage structure in the conceptual design phase**

作者: Liu, DZ (Liu, Dianzi)[1,2]; Zhang, CW (Zhang, Chuanwei)[2]; Wan, Z (Wan, Z.)[3]; Du, Z (Du, Z.)[3]

WOS: 000450861500009

12. 标题: **One-Step Potentiostatic Deposition of Micro-Particles on Al Alloy as Superhydrophobic Surface for Enhanced Corrosion Resistance by Reducing Interfacial Interactions**

作者: Shi, T (Shi, Tian)[1]; Li, XW (Li, Xuewu)[1]; Zhang, QX (Zhang, Qiaoxin)[2]; Li, B (Li, Ben)[2]

WOS: 000451152400019

管理学院

1. 标题: **Case-Based Model for Evaluating Coal Resources Mining Rights Under Mahalanobis Distance**

作者: Zou, SH (Zou, Shaohui)[1,2]; Zhang, MQ (Zhang, Meiqi)[1]; Xin, FY (Xin, Fuyao)[1]

WOS: 000450754400061

我校各学院被 ISTP 收录的部分论文

(2018.06.02~2018.12.04)

化学与化工学院

1. 标题: **Study of Passive Chipless IR-UWB Indoor Positioning Based on Time-of-Arrival and Band-Notch**

作者: Liu, J (Liu, Jian)[1]

WOS: 000434209500002

2. 标题: **Study on the Inference Factors of Huangling Coking Coal Pyrolysis**

作者: Du, ML (Du, Meili)[1]; Yang, ZY (Yang, Zongyi)[1]; Fan, JW (Fan, Jinwen)[1]

WOS: 000446447200163

3. 标题: **Biodegradation of photo-oxidized lignite and characterization of the products**

作者: Li, JT (Li, Jiantao)[1,2]; Liu, XR (Liu, Xiangrong)[1]; Yue, ZL (Yue, Zilin)[1]; Zhang, YW (Zhang, Yaowen)[1]

WOS: 000446447200285

地质与环境学院

1. 标题: **Influential Factors on the Stability of Building Slope**

作者: Yan, JL (Yan, Jianlong)[1]; Cheng, Y (Cheng, Yong)[1]; Sun, YJ (Sun, Yanjie)[2]; Zhao, YG (Zhao, Yungang)[1]

WOS: 000446447200228

2. 标题: **Performance evaluation of the GIS-based data mining techniques of best-first decision tree, random forest, and naive Bayes tree for landslide susceptibility modeling**



作者:Chen, W (Chen, Wei)[1]; Zhang, S (Zhang, Shuai)[1]; Li, RW (Li, Renwei)[1]; Shahabi, H (Shahabi, Himan)[2]
WOS: 000445164000104

通信与信息工程学院

1. 标题: **On Reception Sampling Region of OAM Radio Beams Using Concentric Circular Arrays**
作者: Zhang, Y (Zhang, Yang)[1,2]; Zhang, HH (Zhang, Huihui)[1]; Pang, LH (Pang, Lihua)[1,3]; Ren, GL (Ren, Guangliang)[1]; Chi, MJ (Chi, Mingjie)[1]; Li, JD (Li, Jiandong)[1]
WOS: 000435542401133
2. 标题: **Implementation of Acquisition Algorithm for Multi-system Software-based BD/GPS Receiver**
作者: Wang, JP (Wang, Jin-Ping)[1]; Han, XB (Han, Xiaobing)[1]; Gao, M (Gao, Meng)[1]
WOS: 000446004100086
3. 标题: **A Hybrid Implicit-explicit FDTD Method to simulate the MDGDM Nanostructure**
作者: Zhou, YG (Zhou, Yuan-Guo)[1]; Li, L (Li, Li)[1]; Zhang, AT (Zhang, Aote)[1]; Wang, TL (Wang, Tianling)[1]; Han, XB (Han, Xiaobing)[1]
WOS: 000446004100144

能源学院

1. 标题: **Cooling Effect Analysis of Suppressing Coal Spontaneous Ignition with Heat Pipe**
作者: Zhang, YP (Zhang, Yaping)[1]; Zhang, SW (Zhang, Shuanwei)[1]; Wang, JG (Wang, Jianguo)[1]; Hao, GH (Hao, Gaihong)[1]
WOS: 000447159700022

材料科学与工程学院

1. 标题: **Different SO₂ Contents at 650 degrees**
作者: Lu, JT (Lu, Jintao)[1]; Yang, Z (Yang, Zhen)[1]; Li, Y (Li, Yan)[2]; Huang, JY (Huang, Jinyang)[1]; Zhou, YL (Zhou, Yongli)[1]; Zhao, XB (Zhao, Xinbao)[1]; Yuan, Y (Yuan, Yong)[1]
WOS: 000435416000035
2. 标题: **High-temperature Friction and Wear Resistance of Ni-Co-SiC Composite Coatings**
作者: Guo, F (Guo, Fang)[1]; Sun, WC (Sun, Wan-chang)[1]; Jia, ZW (Jia, Zong-wei)[1]; Liu, XJ (Liu, Xiao-jia)[1]; Dong, YR (Dong, Ya-ru)[1]
WOS: 000447159700008
3. 标题: **Study on dye wastewater treatment of tunable conductivity solid-waste-based composite cementitious material catalyst**
作者: Kang, L (Kang, Le)[1]; Du, HL (Du, Hui Ling)[1]; Du, X (Du, Xian)[1]; Wang, HT (Wang, Hai Ting)[1]; Ma, WL (Ma, Wan Li)[1]; Wang, ML (Wang, Ming Liang)[1]; Zhang, FB (Zhang, Feng Bo)[1]
WOS: 000446687700042

机械工程学院

1. 标题: **Modeling of big production data storage of fully mechanized mining equipment based on workflow-driven deep coupling network**
作者: Wang, Y (Wang, Yan)[1]; Cao, XG (Cao, Xian-gang)[1]
WOS: 000434859800089
2. 标题: **Simulation study on the obstacle-surmounting of the 4 swing arms-6 tracked robo**
作者: Xie, MB (Xie, Moubiao)[1]; Wang, CW (Wang, Chuanwei)[2]
WOS: 000447274600127
3. 标题: **Distribution Route Planning of Clean Coal Based on Nearest Insertion Method**
作者: Wang, YR (Wang, Yunrui)[1]
WOS: 000446447200088

电气与控制工程学院

1. 标题: **Low-Light Forest Flame Image Segmentation Based on Color Features**
作者: Wang, YB (Wang, Yuanbin)[1]; Ren, JY (Ren, Jieying)[1]
WOS: 000443503700165
2. 标题: **Application of Improved Cat Swarm Optimization in MPPT Control of Photovoltaic Arrays**
作者: Guo, XC (Guo Xiu-cai)[1]; Xu, D (Xu Dan)[1]



WOS: 000446795200067

3. 标题: **Image Recognition Algorithm Based on Convolution Neural Network and Particle Swarm**

作者: Song, ZC (Song Zhengcheng)[1]

WOS:000450415100304

4. 标题: **Business Analysis of Computer Retailing from the Perspective of Electronic Information Technology**

作者: Wang, QY (Wang Qiyao)[1]

WOS:000450415100305

5. 标题: **Feature Analysis of Mechanical and Electronic Signals Based on Grey Neural Network Prediction**

作者: He, YY (He Yuyang)[1]

WOS: 000450415100309

理学院

1. 标题: **A New Evolutionary Algorithm with Deleting and Jumping Strategies for Global Optimization**

作者: Wei, F (Wei, Fei)[1] ; Li, SG (Li, Shugang)[2] ; Gao, L (Gao, Le)[1]

WOS:000434869600032

测绘科学与技术学院

1. 标题: **Comparison and Application of MPDI and MSMMI for Drought Monitoring in Desert Mining Area**

作者: Liu, Y (Liu, Ying)[1] ; Li, Y (Li, Yao)[1] ; Lu, Y (Lu, Yang)[1] ; Yue, H (Yue, Hui)[1]

WOS:000446989000001

2. 标题: **A Troposphere Tomography Method by Combining the Truncation Coefficient and Variance Component Analysis**

作者: Zhao, QZ (Zhao, Qingzhi)[1] ; Yao, YB (Yao, Yibin)[2] ; Xin, LY (Xin, Linyang)[2]

WOS: 000448603200001

计算机科学与技术学院

1. 标题: **Research Based on Unbalanced Data Set Classification Algorithm**

作者: Li, JM (Li, Junming)[1] ; Wang, P (Wang, Peng)[1] ; Liu, XJ (Liu, Xiaojian)[1]

WOS: 000436353500156

安全科学与技术院

1. 标题: **Study on the Accident-causing of Foundation Pit Engineering**

作者: Tian, SC (Tian Shuicheng)[1,2] ; Zhang, XY (Zhang Xinyue)[1,2] ; Yang, PF (Yang Pengfei)[1,2] ; Chen, LG (Chen Longgang)[2]

WOS: 000446795200222

2. 标题: **Factor Analysis of Traffic Safety in Urban Roads Based on FTA-LEC**

作者: Tian, SC (Tian Shuicheng)[1,2] ; Yang, XB (Yang Xingbo)[1,2] ; Shen, XQ (Shen Xiaoqing)[1,2] ; Zhang, DT (Zhang Detao)[1,2]

WOS: 000446795200172

管理学院

1. 标题: **Usability Evaluation of Mining Machinery Interface Based on Eye Movement Experiment**

作者: Li, HX (Li, Hongxia)[1] ; Tian, SC (Tian, Shuicheng)[2] ; Li, F (Li, Fang)[1] ; Huang, YX (Huang, Yixin)[1]

WOS: 000448239400059

2. 标题: **Diversified management of coal enterprises in China: model selection, motivation and effect analysis**

作者: Lyu, JY (Lyu, Jingye)[1] ; Lian, X (Lian, Xu)[1] ; Li, PL (Li, Penglin)[1]

WOS:000446447200084

建筑与土木工程学院

1. 标题: **The Impact of Temperatures on the Stability of Rocks Surrounding a Single Fracture**

作者: Zhang, Y (Zhang, Yan)[1] ; Li, N (Li, Ning)[2] ; Dai, J (Dai, Jun)[1]

WOS:000447159700014



西安科技大学第十届大学生网络检索知识竞赛获奖名单

奖 项	获奖学生	所属学院（单位）
一等奖（3 人）	张娜娜	化学与化工学院
	孙亚伦	化学与化工学院
	孙荣奎	机械工程学院
二等奖（7 人）	王 焱	机械工程学院
	熊宝山	机械工程学院
	赵梓琪	建筑与土木工程学院
	任家祥	机械工程学院
	崔宇昂	建筑与土木工程学院
	张豪豪	化学与化工学院
	吴 婧	通信与信息工程学院
三等奖（20 人）	王宏伟	通信与信息工程学院
	孔维敏	化学与化工学院
	苏传威	机械工程学院
	李文馨	理学院
	罗阳发	化学与化工学院
	吴盈盈	测绘科学与技术学院
	黄欢书	机械工程学院
	乔雷涛	机械工程学院
	邱富林	化学与化工学院
	官 洁	计算机科学与技术学院
	孟子越	机械工程学院
	秦 豫	管理学院
	王 珊	通信与信息工程学院
	吴秀波	机械工程学院
	鄢德利	管理学院
	曹 帅	通信与信息工程学院
	阿 超	通信与信息工程学院
	张旭辉	化学与化工学院
	王宇轩	建筑与土木工程学院



优秀奖 (51 人)	雷 洁	通信与信息工程学院
	杜 恺	通信与信息工程学院
	杨 凡	机械工程学院
	易文轩	机械工程学院
	肖 玲	管理学院
	李书宁	机械工程学院
	张 凡	机械工程学院
	智星添	建筑与土木工程学院
	赵新颖	计算机科学与技术学院
	石少森	化学与化工学院
	支少毅	机械工程学院
	赵子枫	通信与信息工程学院
	史柔月	通信与信息工程学院
	何静谊	化学与化工学院
	袁嘉良	机械工程学院
	刘 娜	通信与信息工程学院
	王浩业	化学与化工学院
	黄天歌	计算机科学与技术学院
	许 艳	通信与信息工程学院
	贺 瑞	机械工程学院
	马雨彬	通信与信息工程学院
	贺小艳	通信与信息工程学院
	于海泉	化学与化工学院
	顾翠哲	通信与信息工程学院
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	刘佳杰	材料科学与工程学院
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	余 鑫	化学与化工学院
	朱成琨	电气与控制工程学院
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	张 妮	管理学院
	孙美娟	管理学院
	徐凯妮	通信与信息工程学院
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	李 宏	化学与化工学院
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	范新悦	材料科学与工程学院
	陈 彪	通信与信息工程学院
	谢小媛	材料科学与工程学院
	路成帆	管理学院
	张 强	机械工程学院
优秀工作者（5 人）	王志辉	校学生会
	李佳腾	
	韩颖萱	
	高 超	
	张 峰	
优秀组织奖（3 个）	机械工程学院	
	测绘科学与技术学院	
	化学与化工学院	

西安科技大学第十届 大学生网络检索知识竞赛掠影



第十届大学生网络检索知识竞赛决赛现场



教务处副处长李磊致开幕词



选手答题



现场观众积极检索参与答题



校团委书记周涛为获奖学生颁奖



图书馆馆长赵晓光致闭幕词

图管会换届暨迎新晚会



图书馆副馆长张治红为晚会致词



图管会换届暨迎新晚会现场



图管会学生表演精彩节目