

一、可拓学相关的国内期刊论文列表（核心期刊为主）

- [1] 陈翔,程硕,赵万忠,王春燕,蒋睿. 基于可拓决策法的车辆自适应避撞控制方法研究[J]. 力学学报,2023,55(01):213-222.
- [2] 吕辰,夏新兴,王智文,王亚茹,李为. 基于信息扩散与可拓理论的城镇区域耦合风险评估方法研究[J]. 安全与环境学报,2023,23(03):641-650.
- [3] 陈国强,郝亚苹,申正义,赵晨光,张芳兰. 基于模糊 Kano 模型和可拓创新法的特种运载抱罐车设计[J]. 包装工程,2023,44(06):205-214+240.
- [4] 米雪玉,邵春福,张鹏,庄焱,张小雨,王菁. 考虑全寿命周期的城市路段交通安全集成评价[J]. 北京交通大学学报,2023,47(01):106-114.
- [5] 祝连波,王世笛,林陵娜,许小进,石振群. 基于博弈论组合赋权-物元可拓模型的地铁车站抗涝韧性评估研究[J]. 灾害学:1-13. (网络首发)
- [6] 张伟,万耀强,秦向南. 南水北调中线明渠工程服役性态综合评价方法[J]. 人民黄河,2023,45(03):156-160.
- [7] 秦华礼,李欣悦. 转炉厂房火灾风险评估方法的改进及应用[J]. 安全与环境学报:1-12. (网络首发)
- [8] 于博,陈光波. 基于组合赋权-物元可拓模型的煤矿内因火灾安全评价[J]. 煤矿安全,2023,54(02):61-70.
- [9] 张书豪,艾亚鹏,陈健,靳春玲,姬照泰. 物元可拓法在引水隧洞围岩稳定性评价中的应用[J]. 安全与环境学报:1-10. (网络首发)
- [10] 陈虹兵,王多宏. 基于 AHP-熵权-可拓云模型的城市轨道交通跨线运营效果评价[J]. 铁道运输与经济,2023,45(02):118-125.
- [11] 汪选要,程王峰,马成程. 考虑人车路因素纵向避撞人机协同控制策略[J]. 汽车安全与节能学报,2023,14(01):46-54.
- [12] 崔成涛,李丽敏,王莲霞,符振涛,任瑞斌. 基于组合赋权与物元分析法的滑坡危险性评价[J]. 国外电子测量技术,2023,42(02):23-29.
- [13] 王思敏,姜仁贵,解建仓,朱记伟,赵勇,王娇. 基于改进物元可拓模型的城市内涝灾害风险评估[J]. 给水排水,2023,59(02):145-152.
- [14] 周一,靳春玲,贡力,崔文祥,管巧玉,安祥. 内陆河流域突发水污染安全评价:以黑河流域张掖段为例[J]. 水利水电技术(中英文):1-12. (网络首发)
- [15] 吴波,夏倩,刘聪,谢运东,黄惟. 富水软土深基坑多元信息模糊可拓风险评估模型及应用[J]. 安全与环境学报:1-10. (网络首发)
- [16] 李鹏,吴加新,王世谦,刘湘莅,余晓鹏,祖文静,张艺涵. 计及多主体与不确定性的农村虚拟能源系统两阶段模式设计[J]. 电力建设,2023,44(02):61-73.
- [17] 耿国庆,丁鹏程,江浩斌,唐斌. 智能汽车仿人换道 TSK 模糊可拓控制研究[J]. 重庆理工大学学报(自然科学),2023,37(01):37-46.
- [18] 张璐,许开立,葛及,徐晓虎. 基于 DEMATEL-ANP-可拓云模型的铜冶炼企业安全生产风险评价[J]. 安全与环境工程,2023,30(01):1-8.

- [19] 周惟,徐慧,陶潺潺. 基于 DPSFR 和物元可拓模型的河流生态安全空间分异研究[J]. 水电能源科学,2023,41(01):42-45+49.
- [20] 徐璞磊,蔡英凤,廉玉波,孙晓强,王海,陈龙,钟益林. 基于改进分层可拓理论的智能汽车 AFS/DYC 协调控制[J]. 汽车工程,2023,45(01):20-31.
- [21] 陈锦成,成思源,杨雪荣. 基于功能本体与可拓理论的专利群规避设计[J]. 包装工程,2023,44(02):188-196.
- [22] 徐存东,胡小萌,刘子金,王鑫,任子豪,晁亚辉. 干旱区人工绿洲水土资源承载状态演变分析[J]. 排灌机械工程学报,2023,41(01):62-69.
- [23] 方前程,李中原. 基于盲数理论和物元可拓法的装配式建筑吊装施工风险评估模型研究[J]. 安全与环境学报,2023,23(01):8-16.
- [24] 武乾,李芋霏,刘佳南. 旧工业厂房消防安全韧性评价及提升策略[J]. 消防科学与技术,2023,42(01):55-58+63.
- [25] 何姣,李露露,叶泽,吴永飞,邓英. 发电上市公司环境会计信息披露质量评价研究——基于网络爬虫技术和改进物元可拓模型的分析[J]. 价格理论与实践,2022,No.459(09):158-161+207.
- [26] 傅宁,邵月龄. 基于物元可拓模型的机场飞行区安全风险评价及影响程度分析[J]. 安全与环境学报:1-9. (网络首发)
- [27] 斗海峰,陈谊,武彩霞,国伟,张峰. 基于改进物元可拓模型的肉制品中化学污染物风险评估方法[J]. 食品科学:1-12. (网络首发)
- [28] 张志成,苏晓成,刘志峰,张荣轩,杨尚朴. 基于压力-状态-响应理论的水闸退役决策评价[J]. 济南大学学报(自然科学版),2023,(05):1-9.
- [29] 陈星伊,高屹,程忠庆. 多级可拓模型在建设项目质量管理评价中的应用[J]. 济南大学学报(自然科学版),2023,(05):1-9.
- [30] 张耀龙,阮拥军,赵陆昊,黄义松,郭宇荣. 基于可拓云的合成旅装备保障能力评估方法研究[J]. 现代防御技术,2023,51(01):86-95.
- [31] 翟晨孜,郭小东,王威. 基于改进物元可拓模型的木结构古建筑地震风险评估[J]. 太原理工大学学报,2023,54(01):125-133.
- [32] 范中洲,李申川,赵明. 基于变异系数-云物元模型的船舶进出港航路设计[J]. 安全与环境学报,2023,23(02):326-332.
- [33] 张园,郑志学,李华清. 基于可拓理论——云模型的高校石油与天然气工程一级学科科研创新能力评价[J]. 系统科学学报,2023,(04):107-112.
- [34] 葛双双,高玮,汪义伟,谢渊,陈新,王森. 我国交通盾构隧道病害、评价及治理研究综述[J]. 土木工程学报,2023,56(01):119-128.
- [35] 潘丹,罗帆,李永周,等. 基于 DW-MEE 的不停航施工情境下机场安全风险预警[J]. 北京航空航天大学学报, 2023, 49(4): 780-791.
- [36] 樊纯坛,梁庆国,岳建平,等. 层状岩体地下洞室施工阶段围岩精细化分级[J]. 中国公路学报, 2023, 36(4): 169-182.

- [37] 程方明, 王琛琛, 袁晓芳. 安全发展视角下城市应急管理能力评估[J]. 中国安全科学学报, 2023, 33(5): 158-167.
- [38] 符晗, 车孟霞. 融入传统草编纹样基元的灯具设计研究[J]. 包装工程, 2023, 44(S1): 392-400.
- [39] 杨晓燕, 石沅也, 王伟伟, 等. 融合可拓语义与模糊评价的陵阳公样设计研究[J]. 包装工程, 2023, 44(12): 306-313.
- [40] 杜修力, 张洋, 缪惠全, 等. 韧性城市视角下地铁系统安全运营评价指标体系[J]. 自然灾害学报, 2023, 32(3): 1-13.
- [41] 邢斐, 李莎莎, 崔铁军. 基于 PSR-可拓云模型的井工煤矿区生态安全评价[J]. 水土保持通报, 2023, 43(2): 341-349.
- [42] 陆威好, 刘博, 苏晓鹭, 等. 基于 ESG 理念的河流健康评价体系构建[J]. 人民长江, 2023, 54(6): 34-40.
- [43] 刘纪坤, 黄杰, 王翠霞. 基于组合赋权可拓模型的化工园区应急管理能力评价[J]. 安全与环境学报, 2023, 23(5): 1423-1430.
- [44] 程方明, 王琛琛, 邱静雯, 等. 基于组合赋权-物元可拓的建筑施工安全管理水平评价[J]. 西安科技大学学报, 2023, 43(3): 466-475.
- [45] 张耀龙, 阮拥军, 赵陆昊. 基于物元可拓模型的合成旅装备保障能力评估研究[J]. 火力与指挥控制, 2023, 48(4): 78-83+89.
- [46] 王琛, 张丹, 姚凯文. 基于水库移民视角的安置满意度及影响因素研究[J]. 中国农村水利水电, 2023(5): 256-261.
- [47] 付小千, 胡肖, 张骞, 等. 基于熵权物元可拓理论的高层建筑火灾韧性评价[J]. 建筑结构, 2023, 53(13): 142-146+141.
- [48] 熊淦麟, 王其虎, 柯丽华, 等. 基于客观权重量化的可拓云尾矿库溃坝动态风险评价[J]. 矿业研究与开发, 2023, 43(4): 139-146.
- [49] 卜立言, 穆德兰, 王茗申. 基于可拓语义分析的锡伯族图纹再生设计与应用研究[J]. 家具与室内装饰, 2023, 30(5): 5-11.
- [50] 杜安楠, 李栋, 陈军, 等. 基于可拓模糊理论的苹果采摘机适用性能评价[J]. 包装与食品机械, 2023, 41(3): 75-81.
- [51] 梁硕, 王艳松. 基于改进云物元模型的工业园区综合能源系统规划方案评价[J]. 电力系统保护与控制, 2023, 51(9): 165-176.
- [52] 滕安国, 王泽义. 基于博弈论组合确权的模糊物元模型决策膜下滴灌向日葵调亏模式[J]. 灌溉排水学报, 2023, 42(4): 22-29.
- [53] 张国兴, 张婧钰, 周桂芳. 黄河流域资源型城市生态安全等级边界及演化趋势[J]. 资源科学, 2023, 45(4): 762-775.
- [54] 马小雯, 郭精军. 黄河流域生态安全评价及障碍因素研究[J]. 统计与决策, 2023, 39(8): 63-68.

- [55] 谢尊贤,徐宝,骆信慧,等.高原隧道施工安全风险控制方法研究与应用[J].地下空间与工程学报,2023,19(2):622-631.
- [56] 曹毕飞,杨芝,钟畅.侗画文创产品叙事设计的可拓创新模式及评价研究[J].家具与室内装饰,2023,30(4):90-95.
- [57] 张增强,刘善慧,师可强,等.导向辊生产设备制造资源集合匹配方法[J].包装工程,2023,44(11):242-248.
- [58] 王君宇,杨亚锋,薛静轩,等.可拓序贯三支决策模型及应用[J].山东大学学报(理学版),2023(7):67-79.
- [59] 张杰辉,魏炜,陈珂.基于 SEM-MEA 的装配式建筑隐性成本控制水平评价研究[J].建筑科学,2023,39(5):202-210.
- [60] 周尚豪,熊宗慧,王冰涛.基于物元可拓法的农机制造企业核心竞争力提升[J].中国农机化学报,2023,44(09):265-273.
- [61] 田雨丰,何武全,刘丽艳等.基于逻辑斯谛分布的大型灌区节水改造项目实施效果模糊综合评价[J].人民黄河,2023,45(09):129-135+156.
- [62] 罗宏森,谭涛,杨琴.城市内涝灾害中考虑紧迫度的排涝设备调度研究[J].中国安全生产科学技术,2023,19(08):178-185.
- [663] 陈雪,胡海波,王灿.黄河故道农田防护林土壤养分变化特征及评价[J].土壤,2023,55(04):779-786.
- [64] 蒋英礼,崔杰,张兰峰等.基于权重融合-改进可拓云模型的岩体质量评价方法与应用[J].矿业研究与开发,2023,43(08):84-90.
- [65] 朱金,倪培培,苗雨昕等.基于二元语义的灰色关联可拓绩效评价研究[J].江苏科技大学学报(自然科学版),2023,37(04):92-97.
- [66] 武乾,李芋霏,林皓等.钢筋混凝土旧工业建筑改造施工安全系统韧性研究[J].安全与环境学报,2023,23(08):2615-2623.
- [67] 王樊云,刘敏,李庆生等.新型电力系统下电力用户的需求响应潜力评估[J].电测与仪表,2023,60(08):105-113+132.
- [68] 姜万昌,黄松,郭健.一种电力光传输网运行状态评估方法[J].电力系统保护与控制,2023,51(15):130-143.
- [69] 郝伟,宋宁宁,李晓钟.基于集对可拓理论的桥梁深水基础钢板桩围堰安全性评估[J].安全与环境工程,2023,30(04):1-8.
- [70] 谢庆,齐晨晨,肖朝轩等.基于可拓云模型与综合赋权的油纸绝缘阀侧套管状态评估[J].高压电器,2023,59(07):136-144.
- [71] 刘勇军,刘巧燕,胡乾坤.基于最小距离法的数控磨床液压系统可靠性建模与模型优选[J].机床与液压,2023,51(13):223-228.
- [72] 徐博,谢慈航,吴莹.隧道围岩分级方法研究综述[J].隧道建设(中英文),2023,43(S1):25-36.
- [73] 熊伟,董增川,卢嘉琪等.基于组合赋权模糊物元可拓模型的渭河流域甘肃段河流健康评价[J].水利水电科技进展,2023,43(04):9-14+30.

- [74] 路正南,张超华,罗雨森.“双碳”目标下制造企业绿色供应链绩效评价研究[J].生态经济,2023,39(07):58-66.
- [75] 何锋,胡少华,章光等.基于物元理论的综合管廊下穿河流盾构施工风险评价[J].水电能源科学,2023,41(07):154-157+136
- [76] 杨春燕,李兴森.可拓学 40 年发展历程及研究进展[J].广东工业大学学报,2023,40(06): 1-11.
- [77] 杨春燕,廖升平,葛标标.复合元变换的传导规则及其在创意生成中的应用[J].机械设计,2023,40(12):156-162.DOI:10.13841/j.cnki.jxsj.2023.12.020.
- [78] 周尚豪,熊宗慧,王冰涛.基于物元可拓法的农机制造企业核心竞争力提升[J].中国农机化学报,2023,44(09):265-273.DOI:10.13733/j.jcam.issn.2095-5553.2023.09.036.
- [79] 邓昭,刘毅,姜二庭等.基于 FBS 模型和基元理论的货物牵引车设计研究[J].机械设计,2023,40(11):155-162.DOI:10.13841/j.cnki.jxsj.2023.11.020.
- [80] 白仲航,艾琳璟.基于功能表面驱动与可拓工具的产品人机工程问题确定方法研究[J].工程设计学报,2023,30(05):531-544.
- [81] 王其虎,熊淦麟,叶义成等.基于博弈论-可拓云模型的尾矿库溃坝后果评价[J].矿业研究与开发,2023,43(11):137-142.DOI:10.13827/j.cnki.kyyk.2023.11.021.
- [82] 苏晨,郑晓如,郑佳勇.基于可拓语义与形状文法的仿文家具设计研究[J].林产工业,2023,60(11):58-65.DOI:10.19531/j.issn1001-5299.202311009.
- [83] 谢振华,幸贞雄,徐明智.基于 RS—可拓理论的金属矿山应急能力评估[J].金属矿山,2023(11):234-240.DOI:10.19614/j.cnki.jsks.202311030.
- [84] 张航,胡建菁,吕能超.基于 TFAHP-可拓法的隧道大变形风险评估[J].中国安全生产科学技术,2023,19(10):21-28.
- [85] 郝伟,张然,王德凯等.基于 Vague 集-可拓模型的断层富水区桥梁运营安全评估[J].中国安全生产科学技术,2023,19(10):115-123.
- [86] 王祥,陈发达,吴贤国等.基于改进可拓云岩溶地区盾构施工临近建筑物安全评价[J].工业建筑,2023,53(S2):425-429.
- [87] 李垂帅,唐贞云,高晓明等.区域乡村住宅耐久性指标全局敏感性分析方法[J].科学技术与工程,2023,23(26):11309-11316.
- [88] 荀曦,郑欣,于雁武等.基于 BWOA-SVM 的尾矿库风险评价[J].金属矿山,2023(12):211-219.DOI:10.19614/j.cnki.jsks.202312032.
- [89] 霍小森,舒鑫宇,焦柳丹.突发公共卫生事件下城市轨道交通系统适灾韧性评估[J].都市快轨交通,2023,36(05):152-158+164.
- [90] 吴正存,吴通,敦晓荣.基于可拓语义的澄城刺绣风格迁移设计方法研究[J].图学学报,2023,44(05):1041-1049.
- [91] 李军,杨云钦,台喜生等.苦水玫瑰产地土壤重金属污染评价与溯源解析[J].农业工程学报,2023,39(16):223-234.

[92] 彭亦谐, 张玲玲, 高畅. 基于四阶段理论的可拓学学科发展阶段及与 WSR 方法论的对比研究[J]. 管理评论, 2023, 35(12): 257-271. DOI: 10.14120/j.cnki.cn11-5057/f.2023.12.026.

二、可拓学相关的英文论文列表 (SCI, EI 为主)

- [1] You X, Zhang Y, Tu Z, et al. Research on the Sustainable Renewal of Architectural Heritage Sites from the Perspective of Extenics—Using the Example of Tulou Renovations in Lantian Village, Longyan City[J]. International Journal of Environmental Research and Public Health, 2023, 20(5): 4378.
- [2] Li X, Liu Y, Li M, et al. A Performance Evaluation System for PPP Sewage Treatment Plants at the Operation-maintenance Stage[J]. KSCE Journal of Civil Engineering, 2023: 1-18.
- [3] Cheng B, Li J, Tao J, et al. Assessing the Land Reclamation Suitability of Beam Fabrication and Storage Yard in Railway Construction: An AHP-MEA Method[J]. International Journal of Environmental Research and Public Health, 2023, 20(5): 3805.
- [4] Yong Y, Xue-Tao J, Qi-Xin Z, et al. Structure bionic topology design method based on biological unit cell[J]. Heliyon, 2023, 9(2).
- [5] Li K, Bai H, Yan X, et al. Cooperative Efficiency Evaluation System for Intelligent Transportation Facilities Based on the Variable Weight Matter Element Extension[J]. Sustainability, 2023, 15(3): 2411.
- [6] Xiao M, Luo R, Liu W. Comprehensive performance ranking and impact analysis using the best approximation matter-element model and combined weights[J]. Construction and Building Materials, 2023, 364: 129917.
- [7] Fan X, Zhang Y, Ma Y, et al. Research on the sustainable development of agricultural product supply chain in three northeast provinces in China[J]. Frontiers in Public Health, 2022, 10.
- [8] Yingxue Sang, Fengxia Han, Qing Liu, Liang Qiao, Shouxi Wang. Safety Risk Assessment of Overturning Construction of Towering Structure Based on Cloud Matter-Element Coupled Model[J]. Computer Modeling in Engineering & Sciences, 2023, 136(2).
- [9] Song Q, Zhong S, Chen J, et al. Spatio-Temporal Evolution of City Resilience in the Yangtze River Delta, China, from the Perspective of Statistics[J]. Sustainability, 2023, 15(2): 1538.
- [10] Zhang Y, Lu X. A Comprehensive Evaluation of Food Security in China and Its Obstacle Factors[J]. International Journal of Environmental Research and Public Health, 2022, 20(1): 451.
- [11] Qu X, Zhai P, Shi L, et al. Distribution, enrichment mechanism and risk assessment for fluoride in groundwater: a case study of Mihe-Weihe River Basin, China[J]. Frontiers of Environmental Science & Engineering, 2023, 17(6): 70.
- [12] Ye G, Ye X, Guo J, et al. Applications of The Extension Innovation Method in Treatment Regimens Generation with Deep Learning[J]. Journal of Mechanics in Medicine and Biology, 2022.
- [13] Li A. An application of extenics, spatial factors, and natural resource market in China: The role of artificial intelligence and geopolitical risk[J]. Resources Policy, 2023, 81: 103289.

- [14] Zhou P, Feng Y, Zhou F, et al. Evaluation system of worker comfort for high geothermal tunnel during construction: A case study on the highway tunnel with the highest temperature in China[J]. *Tunnelling and Underground Space Technology*, 2023, 135: 105028.
- [15] Zhao G, Di H, Bai H, et al. A cable health assessment method based on multi-agent and matter-element extension model[J]. *Sustainable Energy Technologies and Assessments*, 2023, 56: 103108.
- [16] Li J, Hu Y, Wang X, et al. Study on the Operation Safety Evaluation System of Ship Lock Combined with Variation Coefficient Method and Matter-Element Extension Method[M]//*Proceedings of PIANC Smart Rivers 2022: Green Waterways and Sustainable Navigations*. Singapore: Springer Nature Singapore, 2023: 656-667.
- [17] Hao T, Zheng X, Wang H, et al. Development of a method for weight determination of disaster-causing factors and quantitative risk assessment for tailings dams based on causal coupling relationships[J]. *Stochastic Environmental Research and Risk Assessment*, 2023, 37(2): 749-775.
- [18] Song Y. Research on Risk Evaluation of Featured Town Project Based on PPP Mode[M]//*Computational and Experimental Simulations in Engineering: Proceedings of ICCES 2022*. Cham: Springer International Publishing, 2022: 371-379.
- [19] Li X, Liu Y, Li M, et al. A Performance Evaluation System for PPP Sewage Treatment Plants at the Operation-maintenance Stage[J]. *KSCE Journal of Civil Engineering*, 2023: 1-18.
- [20] Hu W, Fang J, Zhang T, et al. A new quantitative digital twin maturity model for high-end equipment[J]. *Journal of Manufacturing Systems*, 2023, 66: 248-259.
- [21] Zhao Y, Hong H, Wang H, et al. Conflict coordination based on the transformation bridge for collaborative product performance optimization[C]//*Cooperative Design, Visualization, and Engineering: 10th International Conference, CDVE 2013, Alcudia, Mallorca, Spain, September 22-25, 2013. Proceedings 10*. Springer Berlin Heidelberg, 2013: 111-119.
- [22] Zhang Xiaohui ,liu weize, Zhong Jiaqing. A Comprehensive Evaluation of Distribution Network Under Electric Heating Customer Access Based on Trapezoidal Cloud Element Model. Available at SSRN: <https://ssrn.com/abstract=4365536> or <http://dx.doi.org/10.2139/ssrn.4365536>.
- [23] Wang W, Zhang J, Wang S, et al. Extenics in Face Recognition[C]//*Proceedings of the World Conference on Intelligent and 3-D Technologies (WCI3DT 2022) Methods, Algorithms and Applications*. Singapore: Springer Nature Singapore, 2023: 483-493.
- [24] Wang Y, Ullah K, Mahmood T, et al. Methods for detecting Covid-19 patients using interval-valued T-spherical fuzzy relations and information measures[J]. *International Journal of Information Technology & Decision Making*, 2022: 1-28.
- [25] HUI J, TAN Q. Dynamic evaluation of regional economic resilience under major public emergencies: based on an improved dynamic evaluation model of grey incidence projection-fuzzy matter element[J]. *Wireless Networks*, 2023: 1-16.

- [26] GUO M, WU F, LI B, et al. Health status assessment of large complex equipment based on matter-element analysis of equipment historical service environment information[J]. *Journal of Physics: Conference Series*, 2023, 2477(1): 012012.
- [27] ZHOU P, FENG Y, ZHOU F, et al. Evaluation system of worker comfort for high geothermal tunnel during construction: A case study on the highway tunnel with the highest temperature in China[J]. *Tunnelling and Underground Space Technology*, 2023, 135: 105028.
- [28] ZHU N, ZHANG H, YANG Y, et al. Equipment Development Scheme Decision Based on IFS-Choquet Integral Improved Matter Element Model[J]. *Mathematical Problems in Engineering*, 2023, 2023: e9588802.
- [29] YE G, YE X, GUO J, et al. Applications of the extension innovation method in treatment regimens generation with deep learning[J]. *Journal of Mechanics in Medicine and Biology*, 2023, 23(04): 2340006.
- [30] WU Y, JIANG L, OUYANG X, et al. Sustainable evaluation of the water footprint in Heilongjiang Province, China, based on correlation-matter element analysis[J]. *Journal of Cleaner Production*, 2023, 408: 137231.
- [31] LIANG Y, LIU H, CHIAKA J C, et al. Spatiotemporal patterns and driving mechanism of tourism ecological security in Guangxi, China[J]. *Frontiers in Ecology and Evolution*, 2023, 11[2023-07-04].
- [32] JIANG Y, CUI J, LIU H, et al. Risk Assessment for Water Disaster of Karst Tunnel Based on the Weighting of Reliability Measurement and Improved Extension Cloud Model[J]. *Geofluids*, 2023, 2023: e9239873.
- [33] SUN F, LUO Y, SHEN J. Research on Drainage Rights Allocation Based on Game Combination Weight-Improved Matter-Element Extension Model[J]. *Water*, 2023, 15(11): 2044.
- [34] DONG S, LI S, LU Y, et al. Overall Resilient Evaluation of Surrounding Rock of In-Service High-Speed Railway Tunnel Based on Information Fusion-Improved Fuzzy Matter-Element[J]. *Sustainability*, 2023, 15(7)[2023-07-04].
- [35] LI J, HU Y, WANG X, et al. Operation safety evaluation system of ship lock based on extension evaluation and combination weighting method[J]. *Journal of Hydroinformatics*, 2023, 25(3): 755-781.
- [36] ZHANG N, XU S, MAO L, et al. Fuzzy Evaluation of Inland Ship Lock Service Condition Based on Combination Weighting and Matter-Element Extension Cloud Model[J]. *Journal of Marine Science and Engineering*, 2023, 11(4)[2023-07-04].
- [37] LIU Z, WANG M, LIU X, et al. Ecological Security Assessment and Warning of Cultivated Land Quality in the Black Soil Region of Northeast China[J]. *Land*, 2023, 12(5): 1005.
- [38] YUAN T. A web-based system to determine risk of investment in international rail construction projects[J]. *Scientific Reports (Nature Publisher Group)*, 2023, 13(1): 8125.
- [39] JU K, WANG J, WEI X, et al. A comprehensive evaluation of the security of the water-energy-food systems in China[J]. *Sustainable Production and Consumption*, 2023, 39: 145-161.

- [40] Deng H, Wang T. Assessing and improving active travel around urban hospitals: A case of Xiangya hospital, China[J]. Heliyon, 2023, 9(9).
- [41] Li Q, Luo Z, Zhao G, Wang M. Durability Evaluation of Hydraulic Tunnel Lining Structure Based on Set-Pair Analysis and Extension Coupling Model[J]. Sustainability 2023, 15(14), 11326.
- [42] Chen H, Yang S, Feng Z, et al. Safety evaluation of buildings adjacent to shield construction in karst areas: An improved extension cloud approach[J]. Engineering Applications of Artificial Intelligence, 2023, 124: 106386.
- [43] Zhou P, Feng Y, Zhou F, et al. Evaluation system of worker comfort for high geothermal tunnel during construction: A case study on the highway tunnel with the highest temperature in China[J]. Tunnelling and Underground Space Technology, 2023, 135: 105028.
- [44] Wang L, Li D, Li X. The method of constructing basic-element base using large language model-Take the issue of rice waste[J]. Procedia Computer Science, 2023, 221: 1493-1500.
- [45] Chen Y, Wang T. Emotions Memory: Effects of Farmers' Markets on Place Attachment[J]. Procedia Computer Science, 2023, 221: 541-548.
- [46] Qin Y, Li X. A method for calculating two-dimensional spatially extension distances and its clustering algorithm[J]. Procedia Computer Science, 2023, 221: 1187-1193.
- [47] Chen X, Yang C. Global path planning method for smart driving cars based on extension neural network[J]. Procedia Computer Science, 2023, 221: 755-762.
- [48] Zheng H, He J, Zarei R, et al. Linear Step-adjusting Programming in Factor Space[J]. International Journal of Information Technology & Decision Making, 2023.
- [49] Yu B, Feng J, Liang Z, et al. Construction and Application of Basic-Element Database for Intelligent Dust Removal in Coal Mines[J]. Procedia Computer Science, 2023, 221: 1366-1375.
- [50] Liang Z, Yang C. Research on conductive knowledge mining for dust removal strategy in fully mechanized mining faces[J]. Procedia Computer Science, 2023, 221: 845-852.
- [51] Zhu N, Zhang H, Yang Y, et al. Equipment Development Scheme Decision Based on IFS-Choquet Integral Improved Matter Element Model[J]. Mathematical Problems in Engineering, 2023, 2023.
- [52] Yi C , Caixia W U ,et al. A Risk Assessment Method of Chemical Contaminants in Meat Products Based on Improved Matter-Element Extension Model[J].Food Science, 2023, 44(11):1-8.DOI:10.7506/spkx1002-6630-20220512-151.
- [53] ao M, Luo R, Liu W. Comprehensive performance ranking and impact analysis using the best approximation matter-element model and combined weights[J]. Construction and Building Materials, 2023, 364: 129917.
- [54] Oiu J, Zhong Y, Ge K, et al. Research on Comprehensive Benefit Evaluation of Electricity Substitution Based on the Combined Weights Method and Matter Element Extension Model[C]//2023 IEEE International Conference on Integrated Circuits and Communication Systems (ICICACS). IEEE, 2023: 1-8.

- [55] Niu G, Hu D, Zhao Y, et al. Evaluation and prediction of the transformer health index based on matter element information entropy and SVM[J]. Journal of Intelligent & Fuzzy Systems (Preprint): 1-11.
- [56] Nie J. A Method for Evaluating the Effectiveness of Combat Plans Based on Matter-element Extension Model with Variable Weight[C]//2023 10th International Conference on Dependable Systems and Their Applications (DSA). IEEE, 2023: 527-531.
- [57] Xu W, Zhang J, Suo W. Resilience assessment for the emergency supplies security system based on a matter-element extension method[J]. Procedia Computer Science, 2023, 221: 741-746.
- [58] Wu S. Evaluation and analysis of civil aircraft flight test safety management capability based on matter element extension theory[C]//Seventh International Conference on Mechatronics and Intelligent Robotics (ICMIR 2023). SPIE, 2023, 12779: 285-291.
- [59] Li Q, Liu L, Chen L, et al. A Health Evaluation Model Based on Matter Element undefinedysis for Railway Track Grids[C]//2023 CAA Symposium on Fault Detection, Supervision and Safety for Technical Processes (SAFEPROCESS). IEEE, 2023: 1-5.
- [60] Wu X, Yao L, Qi J, et al. Safety Risk Evaluation Method of Photovoltaic-Charging Pile-Variable Frequency Load Customer System Based on Matter-Element Theory[C]//2023 5th Asia Energy and Electrical Engineering Symposium (AEEES). IEEE, 2023: 1533-1539
- [61] Zhang J, Zhao H, Li Z, et al. Evaluation of greenness of green buildings based on carbon emissions[J]. Kybernetes, 2023, 52(10): 4645-4667.
- [62] Hao Y, Zhang F, Sun C. Evaluation of sustainable livelihood of reservoir resettlement based on the fuzzy matter-element model[J]. Frontiers in Environmental Scienc, 2023, 11:1224690.
- [63] Yao D, Xu L, Li J. Sustainability Assessment of Bus Low-Fare Policy Considering Three Stakeholders of the Public, Bus Enterprises and Government: A Case Study of Shenzhen, China[J]. Systems, 2023,11(12):568.
- [64] Wang C, Cai B, Shao X, Zhao L, Sui Z, Liu K, Khan J, Gao L. Dynamic risk assessment methodology of operation process for deepwater oil and gas equipment[J]. Reliability Engineering & System Safety,2023,239:109538.
- [65] Wang F, Tan R, Peng Q, Wang K, Dong Y, Jiang P, Xiong G, Yan J. Identification of Innovative Opportunities Based on Product Scenario Evolution[J]. Systems, 2023,11(12):572.