

下面是待引用论文列表：说明：1. □ 仅限 SCI 或者 SSCI 引用。2. 不能有负面引用，就是论文中不能批评或者指出我们论文中的不足

□ 96. Funing Ma, Junjun Chen, Zhenxue Dai, Fangfei Cai, Yingtao Hu, Autonomous inverse modeling of complex groundwater systems via a physics-integrated large language model multi-agent framework, *Water Research*, 2026, 125886. <https://doi.org/10.1016/j.watres.2026.125886>. (水处理、地下水水流与溶质运移、水文地质学、地下水建模与模拟、人工智能与机器学习、大语言模型应用、CFD)

□ 103. Jixing Lv, Changhong Wang, and Lihua Xie. Adaptive distributed observer design for nonlinear multiagent systems. *Automatica* 183 (2026): 112625. <https://doi.org/10.1016/j.automatica.2025.112625> (领导者-跟随者控制、神经网络、非线性系统、稳定性分析、自动控制理论、分布式控制、自适应控制、非线性观测器设计)

□ 112. Yaozhen Li, Ke Qu, Ruihao Jiang, Haonan Wang, Xiaoyu Zhao, Zhenzhong Yang, Bobo Tian, Jiahua Tao, Junhao Chu, and Chungang Duan. Atomic-Scale Defect Reconfiguration via Thermally Induced Structural Ordering for High-Efficiency Sb₂Se₃ Solar Cells. *ACS nano* 19, no. 37 (2025): 33460-33472. <https://doi.org/10.1021/acsnano.5c10733> (太阳能电池、原子尺度缺陷、载流子寿命、气相沉积、光伏材料器件、半导体、第一性原理、晶体生长与相变、可再生能源)

□ 123. Haiming Li, Peiyuan Gao, Haoyue Tan, Haotian Li, Haifeng Zhu, Mengyuan Jiang, Yuting Ni et al. Interaction-aware dexterous robot for minimally invasive transcanal inner ear interventions. *Nature Communications* (2026). <https://doi.org/10.1038/s41467-026-72398-5> (医疗机器人、连续体机器人、微创手术、耳科学、生物医学传感、精密仪器、计算机辅助手术、动物模型验证)

□ 130. Ye Song, Changxin Yang, Jie Tu, Jiaojiao Dong, Xiao Zhang. Multi-omics analysis of deep brain stimulation associated with brain-gut axis modulation and symptom amelioration in a Parkinson's disease mouse model. *Biology Direct* (2026). <https://doi.org/10.1186/s13062-026-00778-4>. (帕金森病、多组学分析、脑机接口、MPTP 小鼠模型、短链脂肪酸、神经炎症、运动行为学评估)

□ 148. Shi Liu, Jialong Zhang, Zhinan Lin, and Jianguo Wang. Assessment of rockburst proneness in thermally-damaged fractured granite: a quantitative analysis of energy evolution and strain localization intensity. *Theoretical and Applied Fracture Mechanics* (2026): 105677. <https://doi.org/10.1016/j.tafmec.2026.105677> (岩爆倾向性、裂隙岩体、应变局部化、数字图像相关、温度阈值、耗散能、岩石力学、裂隙岩体力学、实验岩石力学、地质灾害风险评估)

□ 152. Xiaolin Li, Xinyue Yan, and Mengjie Zhang. The impact of entrepreneurial resilience on product innovation: the broaden-and-build perspective. *Asia Pacific Journal of Marketing and Logistics* (2026): 1-18. <https://doi.org/10.1108/APJML-04-2025-0740> (创业韧性、产品创新、拓展-建构理论、顺序中介模型、创业营销、创业与创新管理、组织心理学、领导力与价值观、中小企业战略)

□ 158. Yi Li, Zhicheng Jin, Sharif U. Ahmed, Jagotamoy Das, Reiner Bleher, Dingran Chang, Xiaozhou Yu et al. Biomolecular Condensates as Protein Degradation Tools for Intracellular Targets. *Nature Communications* (2026). <https://doi.org/10.1038/s41467-026-72967-8> (生物分子凝聚体、靶向蛋白质降解、细胞内抗体递送、纳米载体、生物工程、靶向蛋白质降解技术、纳米医学与药物递送、癌症靶向治疗、转化医学)

□ 159. Gao, Mingyang, Suyang Zhou, Wei Gu, Jili Fan, Haiquan Liu, Aobo Guan, and Honghua Xu. "Pre-Trained Large Model as Distributed PV Power Forecaster: Integrating Scenario-Consistent Retrieval-Augmented Generation and Cross-Modal Semantic Alignment." *IEEE Transactions on Sustainable Energy* (2026). DOI: 10.1109/TSTE.2025.3650479 (分布式光伏功率预测、大语言模型、检索增强生成、时间序列预测、深度学习、电力系统与可再生能源集成、跨模态学习、智能电网与负荷预测)

□ 162. Chia-Hung Lai, Ting-En Wu, and Cheng-Chi Wang. Enhancing Information Security in Smart Manufacturing Through Least Significant Bit Steganography in Engineering Drawings. *Journal of Computing and Information Science in Engineering* 25, no. 9 (2025): 091006. <https://doi.org/10.1115/1.4069114> (智能制造、伺服压力机、信息安全、计算机辅助工程、智能制造与工业 4.0、工业网络安全、云制造与信息安全、制造过程信息安全)

□ 177. Jilin Xie, Zhiqiang Jiang, Zhimin Wu, Jiajia Shen, Yuhan Zhou, Yuhua Chen, Peng He, and J. P. Oliveira. Joining of TiAl intermetallic Compound/CoCrFeMnNi high-entropy alloy dissimilar metals by vacuum brazing process: Microstructure, mechanical properties and processing parameters. *Intermetallics* 197 (2026): 109374. <https://doi.org/10.1016/j.intermet.2026.109374> (真空钎焊、TiAl 金属间化合物、高熵合金、脆性金属间化合物、接头剪切强度、焊接与连接工艺、界面冶金与元素扩散、航空航天高温结构材料) 说明: 要求强相关, 不相关的不要引用。

□ 178. Zifeng Wang, Xiangyu Wang, Shenghang Xu, Renwu Zhou, Mingyan Zhang, Wanchun Li, Zizhu Zhang et al. Off-site production of plasma-activated water for efficient disinfection: the crucial role of high valence NO_x and new chemical pathways. *Water Research* 267 (2024): 122541. <https://doi.org/10.1016/j.watres.2024.122541> (等离子活化水 (PAW) /等离子活化气体 (PAG)、异位水活化、高价氮氧化物、NO₃自由基、过氧亚硝酸盐、杀菌/消毒机理、水与废水消毒技术与公共安全、环境工程 / 环境化学)

□ 183. Xi Chen, Chenshuo Feng, Weishun Rong, and Mintaek Kwon. From 'Ease of Use' to 'Emotional Attachment': How Service Quality of O2O Platforms Drives Consumer Emotions and Continued Usage in the Digital Food Delivery Era. *Acta Psychologica*, Volume 268, 2026, 107224, <https://doi.org/10.1016/j.actpsy.2026.107224>. (O2O 外卖平台、服务质量、PAD 情绪模型、持续使用意愿、SOR 框架 (刺激-机体-反应)、APP 熟悉度、消费者行为、数字平台运营管理、服务质量管理、情绪与情感机制、应用心理学)

□ 185. Wenchao Zhu, Bowen Xu, Bingxin Guo, Changjun Xie, Rui Xiong, Data-efficient and Interpretable Long-term Prognostics of PEMFC Degradation via Physics-constrained Symbolic Regression-Physics-informed Neural Network, *eTransportation*, 2026, 100615, ISSN 2590-1168,

<https://doi.org/10.1016/j.etrans.2026.100615>. (质子交换膜、燃料电池、电化学储能、物理信息机器学习、时间序列、能源系统运维、神经网络)

□ 189. Jiajing Wu, Ziliang Wei, Che Liu, Qian Ma, Zhiqiang Wei, Shuqin Wu, Zhirui Wang et al. ADH-CLSNet: Cross-Latitude Spatiotemporal Network for Atmospheric Duct Heights Diagnosis. *IEEE Transactions on Antennas and Propagation* (2026). DOI: 10.1109/TAP.2026.3700272 (大气波导高度诊断、跨纬度时空网络、多尺度卷积、深度学习气象诊断、海洋雷达与通信可靠性、气象-电波交叉学科、物理信息深度学习、时空序列预测、海上导航、地理空间 AI)

□ 198. Qiao Su, Yan Sun, Jinfeng Li, Benteng Ma, Xiao Zhang, Haifeng Tian, Yuheng Ju et al. Supramolecular Engineering of a Homo [2] catenane Filler Enables Polymer Composites with Exceptional High-Temperature Capacitive Energy Storage. *Molecules* 31, no. 10 (2026): 1691. <https://doi.org/10.3390/molecules31101691> (均[2]索烃、机械互锁分子 (MIM) 填料、聚酰亚胺 (PI) 介电复合材料、 $[\pi \cdots \pi]$ 静电相互作用、物理交联网络、电子陷阱、分子动力学、DFT 辅助材料)

□ 199. Shi Liu, Runjia Lin, Yu Jia, Qixing Wu, Chen Chen, Competitive crack evolution in flawed rocks under thermal-mechanical coupling: A tangential stress and displacement decomposition approach, *Journal of Rock Mechanics and Geotechnical Engineering*, 2026, <https://doi.org/10.1016/j.jrmge.2026.06.006>. (热-力耦合、双裂隙岩石、修正切向应力模型、裂纹模式位移分解法、翼裂纹与反翼裂纹竞争、离散元与有限元耦合、岩石力学与工程地质、实验岩石力学与多尺度表征)

□ BWJL04. Yingchao Bao, Xianzhong Wang, Huixuan Hu, Yingying Zuo, Shihao Tu, Peicheng Zhang, Qiongfang Qi, and Haihua Deng. Transient vibration response analysis of underwater cylindrical shells based on precise integration method. *Ocean Engineering* 358 (2026): 125881. [10.1016/j.oceaneng.2026.125881](https://doi.org/10.1016/j.oceaneng.2026.125881) (水下圆柱壳、瞬态振动、流固耦合、精确积分法、附加质量矩阵、海洋工程与船舶结构、潜艇耐压壳与水下航行体、流固耦合动力学、计算结构力学、防护工程设计)

□ BWJL07. Bin Zheng, Xin Zhao, Junyu Wang, Guijuan Wei, Xixia Zhao, Jia Zeng, Ying Zhao, and Honglei Chen. Re-engineering and refining: Synergistic interfacial engineering of high-performance porous carbon electrodes. *Journal of Energy Storage* 159 (2026): 121727. <https://doi.org/10.1016/j.est.2026.121727> (生物质碳气凝胶、自支撑无粘结剂电极、 NH_4Cl 介导胺化、原位氮掺杂、多级微-介孔结构、对苯二胺 (PPD) 氧化还原电解液、超电容、梯度碳化、储能材料与超级电容器、自支撑电极与无粘结剂设计、柔性/便携式储能器件)

□ BWJL08. Gonghui Gu, Xinchu Xu, Zhen Hong, Haoxiang Sheng, Dongshuai Hou, and Chuanqing Fu. Nano SiO_2 grafted PVA fibers for interfacial strengthening between PVA fiber and geopolymer matrix: Role of silane dosage. *Construction and Building Materials* 528 (2026): 146555. <https://doi.org/10.1016/j.conbuildmat.2026.146555> (PVA 纤维表面改性、地聚物复合材料、凝胶聚合度、地聚物与低碳胶凝材料、纤维增强水泥、纳米 SiO_2 改性聚合物纤维、孔隙结构与 X-CT 表征、断裂机理与失效模式、建筑结构力学性能优化)

□ BWJL09. Peng Hu, Ruirui Zhang, Liping Chen, Longlong Li, Qing Tang, and Andrew J. Hewitt. Atomization Index to Bridge the Physicochemical Properties of Polymer-Surfactant Adjuvants and Multivariate Spray Metrics: Guiding Pesticide Formulation Efficient Design. *Engineering* (2026). <https://doi.org/10.1016/j.eng.2026.04.019> (雾化桥接指数、喷雾雾化质量、农药助剂、聚合物-表面活性剂相互作用、农用无人机 (UAV) 喷施、液滴尺寸分布 (DSD) 分形、智慧农业与植保工程、界面与胶体化学、绿色农药与减量增效技术)

□ BWJL11. Xianjin He, Xiaofeng Yu, Dongchen Zhao, Zhongyuan Suo, Tingqu Li, Yunfei Ding, Baoming Yao, Jizhao Yu, and Xin Hou. Simultaneous enhancement of strength, ductility and wear resistance in Al5052 alloy via hybrid in-situ Al₃Ni and nano-SiC reinforcement during friction stir processing. *Ceramics International*, 2026 52(14):25597-25611. <https://doi.org/10.1016/j.ceramint.2026.04.110> (铝基复合材料、摩擦搅拌加工、纳米 SiC 杂化增强、核壳结构金属间化合物、晶粒细化、金属基复合材料、船用/海洋工程材料、摩擦磨损与表面工程)

□ BWJL12. Yu Sun, Hongbo Wang, Huiqiang Ma, Zheng Li, Lifen Liu, Yihua Li, and Changfei Gao. A self-powered galvanic system for peroxymonosulfate activation: Unveiling a non-radical singlet oxygen dominant pathway for levofloxacin degradation and cobalt recovery. *Chemical Engineering Journal* (2026): 179313. DOI: 10.1016/j.cej.2026.179313 (高级氧化 (AOPs) 与 PMS 活化、单线态氧 (¹O₂) 非自由基、左氧氟沙星 (LVFX) 降解、双活性位点协同、抗生素废水低碳处理、DFT 降解路径与生态毒性、环境电化学催化、环境功能材料与催化)

□ BWJL13. Ning Bao, Jianfeng Chen, Gonghui Wang, Rui Sun, and Kongming Yan. Pseudo-dynamic lateral earth pressure on stabilizing piles in sandy slopes considering arching effect. *Journal of Rock Mechanics and Geotechnical Engineering* (2026). <https://doi.org/10.1016/j.jrmge.2026.01.058> (抗滑桩地震侧压力、土拱效应、砂土边坡、滑动楔体极限平衡、荷载重分配、加速度放大因子、振台验证、桩基抗震设计)

□ BWJL14. Yuan Zhong, Yi Li, Liangrui He, Yizhang Tang, Zhiwen Yang, Xujiang Yu, Jianhua Zhang, and Wanwan Li. Heavy-Metal-Free ZnSeTe Quantum Dots-Based Liquid Scintillators for Scalable X-Ray Imaging. *Small*, 22, no. 16 (2026): e13925. <https://doi.org/10.1002/sml.202513925> (无重金属量子点、核-多壳结构、卤素钝化、液体闪烁体、PPO (2,5-二苯基恶唑) 复合、共振能量转移、X 射线成像屏、纳米功能材料、量子点合成与表面工程、医学影像与安检探测、辐射探测器封装与稳定性评估)

□ BWJL15. Fengjun Liu, Yunze He, Baoyuan Deng, Longhai Tang, Qiang Zeng, Xiaofei Zhang, and Kai Zhang. Detection and Analysis of Acoustic Emission Signal in Lithium-ion Batteries During Charging and Discharging. *IEEE Sensors Journal*. 2026 26(3): 3751-3761 DOI: 10.1109/JSEN.2025.3642392 (锂离子电池声发射、电化学-力学耦合、电池传感与状态监测、锂离子电池健康诊断、声发射无损检测、电池充放电机理、动力电池与储能安全、原位/operando 电池表征)

□ BWJL16. Le Wang, Bowei Zhang, Yu Li, Bo Liu, Chenxi Tong, Hao Xiong, Guangsi Chen, Zhaohui Hong, Chunhui Zhang, and Yinghui Tian. Uplift resistance mechanism of pipes in

lightweight backfill material of ceramsite. *Computers and Geotechnics* 192 (2026): 107927. <https://doi.org/10.1016/j.compgeo.2026.107927> (陶粒轻质回填、活动断层穿越管道、管道抗拔阻力、离散元 (DEM)、滑裂面/剪带演化、管-土相互作用、应力路径、位移模式、岩土工程、埋地管道与油气/水务基础设施、活动断层与地震工程、工程地质与地质灾害减缓)

□ BWJL17. Zhang, Tingran, Le Wang, Libo Chen, Wenjun Lu, Dongxue Hao, Wei Shao, Chunhui Zhang, and Yinghui Tian. Numerical analysis of post-cyclic ultimate bearing capacity of helical anchors in clay. *Ocean Engineering* 352 (2026): 124583. 10.1016/j.oceaneng.2026.124583 (螺旋锚、浮式海上风机锚固、循环后极限承载力、V-H 失效包络线、黏土循环强度退化、海工岩土与海洋工程、3D 有限元与 USDFLD 子程序、黏土参数对承载力的影响量化、海上风机基础循环设计与可靠性)

□ BWJL18. X. Mou, J. Fan, J. Zhang, P. Duan, Porosity-Driven Aerothermal-Mechanical Coupling for High-Performance Transpiration-Cooled Turbine Blades, *Case Studies in Thermal Engineering*, 2026 <https://doi.org/10.1016/j.csite.2026.108359>. (蒸腾冷却、多孔介质壁涡轮导叶、气-热-力耦合、孔隙率/颗粒径/吹气比三参数, 冷却效率分布, 燃气轮机高压涡轮冷却, 金属增材制造, 多孔介质流动, 冷却效率与气动损失权衡设计, 航空推进与能源动力工程)

□ BWJL19. Meng Kang, Yao Liang, Baoxi Zhao, Jing Liu, Xizhao Wang, Chao Wu, Qin Li, Junmin Zhang, and Wei Tian. Machine learning-based detection technology for electron beam and laser processing. *Optics & Laser Technology* 201 (2026): 115292. 10.1016/j.optlastec.2026.115292 (电子束/激光微加工图像分割、SE 模块前移、动态上采样、弱边缘与特征缺失、工业视觉检测、光学与激光技术、微加工图像数据集构建、智能制造与数字孪生前端感知)

□ BWJL22. Peng Zhang, Dong Hou, Minghong Li, Quan Zhou, Guangkun Guo, Fuyu Sun, and Ke Liu. Highly-reliable underwater synchronization based on optical two-way time transfer at sub-nanosecond-level. *Optics & Laser Technology* 203 (2026): 115624. 10.1016/j.optlastec.2026.115624 (水下时间同步、双向光时传输、绿光半导体激光、IRIG-G 码高速调制、S/P 偏振共路隔离、修正卡尔曼滤波、时间偏差稳定性、光学与激光技术、水下光无线通信、精密时频传递)

□ BWJL23. Wei Liu, Li Zhu, Xue-Jin Huo, Xiao-Wei Ma, Jia-Huan Li, Xu-Xu Cheng, Shape-finding for a triple-tower spatial double-cable suspension bridge with upper hangers, *Engineering Structures*, Volume 366, Part B, 2026, 123403. <https://doi.org/10.1016/j.engstruct.2026.123403>. (三塔空间双缆悬索桥、成桥态找形、多段悬链线理论、拟牛顿法、散鞍力矩平衡、大跨桥梁工程、缆-吊杆力学耦合、非线性有限元与解析法对比、工程结构数值方法与迭代算法)

□ BWJL24. Shuaiqi Li, Yan He, Nian Liu, Yexiong Huang, Mingyu Pi, Jingwen Yao, Wensheng Fu, Dingke Zhang, Haiyang Xu, and Zhenxiang Cheng. Photoinduced anion exchange for spatially patterned perovskite ASE: Enabling full-color pixelated lasing displays. *Science Advances* 12, no. 29 (2026): eae5186. DOI: 10.1126/sciadv.aef5186 (光诱导气-固阴离子交换、钙钛矿、放大自发辐射、全彩像素化激光显示、线性光谱调谐、动态激光防伪、钙钛矿光电器件、

卤化物钙钛矿、DFT 计算)

□ BWJL25. Xing Xu, Guozheng Ma, Jiadong Shi, and Fenghua Su. Amorphous CrN/CrAlN Multilayer Coating: Tailored Interface Design for Enhanced Corrosion and Wear Resistance in Marine Engineering Environments. *Corrosion Science* (2026): 113684. <https://doi.org/10.1016/j.corsci.2026.113684> (非晶 CrN/CrAlN 多层涂层、直流磁控溅射、铝合金表面防护、腐蚀科学与防护、摩擦学、海洋工程材料、材料微观表征、电化学阻抗谱 (EIS))

□ BWJL26. Huiming Luo, Jie Deng, Jing Zhou, Tianyuan Cui, Yuejie Zhang, Junwei Huang, Liwen Fu et al. High-accuracy hyperspectro-polarimetric real-time imaging via a deep learning empowered infrared meta-sensor. *Light: Science & Applications* 15, no. 1 (2026): 352. <https://doi.org/10.1038/s41377-026-02407-1> (高光谱-全斯托克斯偏振成像、深度学习红外元传感器、硅纳米柱超表面、焦平面阵列、超表面计算成像、光学通信、遥感、高维光学传感)

□ BWJL27. YunXiao Li, Jinzheng Shi, Chunqi Li, Kaihui Zhang, Yongshuai Xie, Luyi Zhu, Gang Yu, Benxue Liu, Xinqiang Wang, and Guanghui Zhang. Synergistic improvement of strength and toughness of zirconia ceramics by introducing zirconia nanofibers. *Journal of Alloys and Compounds* 1056 (2026): 186592. <https://doi.org/10.1016/j.jallcom.2026.186592> (ZrO₂ 纳米纤维、ZrO₂/ZrO₂ 复合材料、强度-韧性协同提升、孔隙率调控、高温结构材料、陶瓷基复合材料、纤维增强材料、无压烧结工艺)

□ BWJL29. Zhengyang Du, Zihao Wang, Junjun Chen, Hung Vo Thanh, Mohamad Reza Soltanian, Li Chen, Zhenxue Dai, Artificial intelligence-driven monitoring network optimization under reservoir uncertainty for underground hydrogen storage, *Geoenery Science and Engineering*, Volume 266, 2026, 214659. <https://doi.org/10.1016/j.geoen.2026.214659>. (地下储氢、储层不确定性量化、层非均质性、可解释机器学习、XGBoost 代理模型、深度学习、智能监测)

□ BWB-01. Wang, Xu, Ruiyang Zhang, and Ling-Yun Wu. Performance evaluation of PBFT-based blockchain via a stage-Informed queueing model. *Journal of King Saud University Computer and Information Sciences* (2026). <https://doi.org/10.1007/s44443-026-00913-1> (PBFT 共识协议、阶段感知排队模型、服务率内生推导、变批量排队、区块容量优化、区块链共识机制性、金融/供应链/物联网、自适应与 AI 驱动的共识参数动态调整、分布式系统性能分析与可扩展性)

□ BWB-02. Xin Chen, Lujun Huang, Shipeng Zhou, Shaocong Xiong, Yu Zhang, Lin Geng, and Hao Tian. Superior creep resistance of multiscale architectural titanium matrix composites: Insights from microscale internal stress. *Composites Communications* (2025): 102576. DOI: 10.1016/j.coco.2025.102576 (钛基复合材料、多尺度架构、高温蠕变抗力、内应力、模量强化、高温钛合金、金属基复合材料、航空发动机材料、粉末冶金与烧结)

□ BWB-03. Shipeng Zhou, Xin Chen, Shaocong Xiong, Lujun Huang, Delong Gong, Guanghui Cong, Lihua Cui et al. Synthesis mechanism and microstructure evolution of titanium matrix composites with a multiscale configuration. *Journal of Alloys and Compounds* (2026): 188409.

<https://doi.org/10.1016/j.jallcom.2026.188409> (Ti55 钛基复合材料、粉末冶金、热压烧结温度、Ostwald 熟化与相变诱导溶解-析出、界面表征、航空航天高温钛合金与轻量化结构材料)

□ 172. Ye Song, Yangsheng Yu, Bo Zhang, and Xiao Zhang. PRKN mediates the ubiquitination of SCAF8 to reduce the mRNA stability of KLF5 and its transcriptional activation of EFNA3 in colorectal cancer. *Cell Mol Biol Lett* (2026). <https://doi.org/10.1186/s11658-026-00974-0> (结直肠癌、肿瘤代谢重编程、泛素连接酶与蛋白质降解、RNA 结合蛋白与 mRNA 稳定性调控、转录因子调控网络、抗肿瘤免疫、癌症生物学与转化医学)

□ BWB-06. Le Wang, Linrui Zhang, Hongzhen Chen, Tingran Zhang, Jiangtao Yi, Ju Zhang, Tao Zhou et al. Combined effects of anchor geometry and soil spatial variability on the probabilistic pullout capacity of helical anchors. *Computers and Geotechnics* 200 (2026): 108482. <https://doi.org/10.1016/j.compgeo.2026.108482> (螺旋锚、概率抗拔能力、土体空间变异性、随机有限元法、Monte Carlo 模拟、岩土工程与计算岩土力学、浮式海上风电基础与锚固系统、海洋岩土工程、岩土参数统计表征)

□ BWB-07. Bao Jia, and Zhongwei Huang. Thermophysical, multiphase-flow, geochemical, and microbial controls on combined H₂-CO₂ storage in depleted gas reservoirs and saline aquifers. *Fuel* 429 (2027): 140747. <https://doi.org/10.1016/j.fuel.2026.140747> (地下储氢、CO₂ 封存/碳捕获利用与封存 (CCUS)、枯竭气藏与深部咸水层、地下储能与能源转型、多相流与孔隙尺度入侵动力学、岩石-流体地球化学)

□ BWB-10. Bao Jia, Shixi Wang, and Zhongwei Huang. A multi-grid descriptor method for 3D digital rock microstructure reconstruction. *Computational Geosciences* 30, no. 4 (2026): 65. <https://doi.org/10.1007/s10596-026-10451-4>. (数字岩心三维重建、多网格描述子、结构从运动、砂岩多孔介质、Kozeny-Carman 渗透率、计算地球科学、计算机视觉与 SfM、石油与能源地质、多孔介质传输性质、机器学习)

□ BWB-11. Yedong Huang, Dazhong Yu, Baijin Mao, Fangming Li, and Juntian Qu. Bioinspired Morphology-Decoupled Soft Gripper with Enhanced Bidirectional Grasping Capability. *Advanced Science* 13, no. 34 (2026): e75073. <https://doi.org/10.1002/advs.75073>. (软体夹爪、双向抓取、静态主动 + 动态被动、各向异性刚度、软体机器人、仿生机器人、多稳态/双稳态结构、工业抓取与多目标储运自动化)

□ BWB-12. Rong Zhou, Zishuai Wang, Chenghao Hu, Shuhan Deng, Changyun Cai, Yanfang Wang, Shang-Tong Li, Lijing Bai, and Kui Li. A spatiotemporal single-cell atlas of porcine development reveals regulatory dynamics and cellular targets of domestication. *iMeta* (2026): e70135. <https://doi.org/10.1002/imt2.70135> (猪发育单细胞图谱、单细胞/单核 RNA 测序、谱系定向与功能成熟、转录调控网络、免疫细胞双叉发育轨迹、跨物种比较、畜禽单细胞多组学、发育生物学与器官发生、精准育种与农业动物遗传改良)

□ BWB-15. Xiusheng Zhu, Lei Huang, Guoli Li, Biao Deng, Xiaoxiao Wang, Hu Yang, Yuanyuan Zhang et al. Genome-Wide Silencer Screening Reveals Key Silencer Modulating

Reprogramming Efficiency in Mouse Induced Pluripotent Stem Cells. *Advanced Science* 12, no. 18 (2025): 2408839. <https://doi.org/10.1002/advs.202408839> (沉默子全基因组识别、高通量筛选、小鼠胚胎成纤维细胞与胚胎干细胞、H3K9me3 表观遗传标记、细胞特异性顺式调控、基因组顺式调控元件生物学、转录因子与调控语法、胚胎干细胞多能性、再生医学与农业动物基因组应用)

□ BWB-16. Yayun Zhang, Fei Liu, Hao Zhou, Jingwen Chen, Lei Jiang, Changchun Yan, Xiaodong Li, Dingming Xue, and Jiangfei Wang. Long-Term Oral Exposure to Chlorophenylacetonitrile Induces Gastrointestinal Morphological Alterations and Splenic Transcriptomic Reprogramming in Mice. *Toxics* 14, no. 8 (2026): 647. <https://doi.org/10.3390/toxics14080647> (消毒副产物、免疫毒性、脾白髓萎缩与红/白髓边界溶解、蛋白毒性应激、环境毒理学与饮用水安全、健康效应评估、脾脏免疫稳态与淋巴器官毒性、长期暴露风险量化与水质基准制定)

□ V74-A. HaoNing Wang, YuHan Wang, YuFei Li, XiaoDi Wang, Xi Chen, ShaoPeng Yu, and XiaoLong Wang. Spatial Risk Prediction and Serological Validation of Emerging Wild Boar-Borne Diseases in Eastern Heilongjiang, China. *Pakistan Veterinary Journal* 45, no. 4 (2025): 1721-1732. <http://dx.doi.org/10.29261/pakvetj/2025.336> (公共卫生与流行病学、野生动物保护与管理、生态建模与预测、环境与健康地理学、生态位模型、人兽共患病、跨境疾病监测)

□ BWB-17. Dou Zhang, Xiangxin Guo, Rongjia Zhang, Shengbo Zhang, Bao Zhao, Huanhuan Wu, Qifeng Li et al. Design and Validation of a Compact Focusing Mechanism for Space Optical Cameras with MTF-Based Defocus Analysis. *Aerospace* 13, no. 7 (2026): 624. <https://doi.org/10.3390/aerospace13070624> (空间光学相机调焦机构、焦平面补偿、编码器闭环控制、航空光机工程、空间相机焦平面调焦机构设计、有限元分析与实验对标、小卫星与敏捷成像平台)

□ BWB-18. Qingwen Dai, Zhen Huang, Yunlong Ma, Hairui Chen, Shenglin Liang, Nanya Li, Carsten Gachot, Chengliang Hu, Wei Huang, and Xiaolei Wang. Enhancing the heat mitigation, vibration damping, and anti-wear performances of aviation gears via tailored surface texturing. *Tribology International* (2026): 112488. <https://doi.org/10.1016/j.triboint.2026.112488> (航空齿轮、表面织构化、热弹流润滑、非均匀织构设计、航空传动摩擦学、热-弹-流多物理场耦合建模、抗磨损与疲劳机理)

□ BWB-19. Zhao Zhang, Chunxiang Xu, and Chuhan Ma. Efficient Multi-designated Receiver Authenticated Broadcast Encryption for Group Messaging. *IEEE Transactions on Networking* (2026). DOI: 10.1109/TON.2026.3663579 (群消息加密、广播加密、离线记录性、不可伪造性与一致性、网络安全与群消息协议、隐私保护通信、协议的效率-安全权衡)

□ BWB-20. Zhao Zhang, Chunxiang Xu, and Changsong Jiang. Privacy-preserving electricity trading matching based on blockchain in smart grid. *Expert Systems with Applications* (2025): 130682. DOI: 10.1016/j.eswa.2025.130682 (智能电网 P2P 电力交易、区块链隐私保护、交易匹配隐私、智能合约可验证计算、加法秘密分享、区块链与智能电网安全、机器学习驱动的链上推断攻击与防御)

□ BWB-21. Jiayi Zhang, Yu Hu, Haiguo Qin, Cong Pu, Ting Zhang, Junfeng Sun, and Chang Peng. Flexible skull-conformal phased array for aberration-corrected transcranial focused ultrasound therapy. *Ultrasonics* (2026): 108089. <https://doi.org/10.1016/j.ultras.2026.108089> (经颅聚焦超声、共形相控阵、像差校正、刚体配准、声场仿真、柔性基底、免转印制备工艺、柔性/可穿戴超声换能器、多物理场相控阵波束、靶向给药)

□ BWB-22. Li, Yuanlong, Ziqi Li, and Chang Peng. A stretchable wearable Doppler ultrasound patch for continuous vascular monitoring. *Measurement* (2026): 120490. [10.1016/j.measurement.2026.120490](https://doi.org/10.1016/j.measurement.2026.120490) (可穿戴多普勒超声贴片、连续血流监测、脉冲波多普勒、慢时间采样算法、各向异性导电胶共面键合、柔性封装、可穿戴超声与柔性电子、压电复合材料)

□ BWB-23-A. Yuhan Guo, Runsheng Chen, Hamid Allaoui, Alok Choudhary, and Wenhua Li. A dual attention graph neural network framework for sustainable supply chain optimization under energy performance contracting. *Transportation Research Part E: Logistics and Transportation Review* 208 (2026): 104702. DOI: [10.1016/j.tre.2026.104702](https://doi.org/10.1016/j.tre.2026.104702). (可持续供应链优化、节能绩效合同、双注意力图神经网络、二进制决策预测、绿色供应链与低碳物流、能源密集型供应链脱碳、AI 驱动的决策引擎)

□ BWB-26. Xiaoyan Tian, Ye Jin, Zhao Zhang, Peng Liu, and Fenglei Ni. A knowledge-guided multimodal network for video summarization. *Expert Systems with Applications* (2026): 132566. DOI: [10.1016/j.eswa.2026.132566](https://doi.org/10.1016/j.eswa.2026.132566) (视频摘要、多模态线索、隐式知识、知识引导编码器、情感知识检索、图像美学专家知识、邻帧感知注意力层、情感计算与美学先验、时序动作定位与边界回归)

□ BWB-27. Long Wang, Mingwei Yuan, Yilei Song, Na Zhao, Zhaohuan Zhang, and Qingwei Chen. Research on complex mountain wind power spectrum modeling based on frequency coupling mechanism. *Renewable Energy* (2026): 126079. <https://doi.org/10.1016/j.renene.2026.126079> (风能、可再生能源、复杂山地风功率谱、频率耦合机制、低频-高频双支修正、湍流间歇性、局部剪切、激光雷达观测、谐波叠加法时序重构、风工程与山地边界层、大气稳定性参数化)