

附表 1: 2024 年科研论文发表情况

序号	名称	发表日期	刊物名称	论文类型	收录类别	作者姓名
1	An improved Coati Optimization Algorithm with multiple strategies for engineering design optimization problems	2024-09-03	Scientific Reports	期刊论文	SCI 二区	张祺,Dong Yingjie (外),叶珊,Li Xu (外),He Dongcheng (学),向国齐
2	Rotation Error Prediction of CNC Spindle Based on Short-Time Fourier Transform of Vibration Sensor Signals and Improved Weighted Residual Network	2024-06-29	Sensors	期刊论文	SCI 三区	宋林,谭建英 (学)
3	Study on normal contact stiffness characteristics in non-Gaussian rough surfaces under mixed lubrication	2024-03-06	ACTA MECHANICA	期刊论文	SCI 三区	高志强 (外),张宇 (外),魏弦,彭丽霞 (外)
4	Research on calculation of allowable radial load of silicon nitride full ceramic ball bearing	2024-12-06	Journal of Mechanical Science and Technology	期刊论文	SCI 四区	王鹏飞,李颂华 (外),吴玉厚 (外),赵吉宁 (外)
5	Study on pedestrian evacuation model based on reinforcement learning	2024-11-28	INTERNATIONAL JOURNAL OF MODERN PHYSICS C	期刊论文	SCI 四区	Rui, Zhu (外),Jun, Hu (外),Ling, Fan (外),张祺,Juan, Wei (外)
6	Initiation of secondary surface crack in the ring raceway of silicon nitride full ceramic bearing	2024-10-22	Journal of Ceramic Processing Research	期刊论文	SCI 四区	王鹏飞,李颂华 (外),吴玉厚 (外),赵吉宁 (外)
7	TFARNet: A novel dynamic adaptive time-frequency attention residual network	2024-09-04	Journal of Mechanical Science and Technology	期刊论文	SCI 四区	宋林,吴军 (外),王立平 (外),梁建红 (外),陈果

	for rotating machinery intelligent health prediction					(外),万黎明 (外),周丹
8	Computer Numerical Control Machining Simulations and Experimental Analysis of a Novel C-Gear	2024-08-29	MECHANIKA	期刊论文	SCI 四区	张祺,Zhixin CHEN (外),Yongjie XIA (学),Dongcheng HE (学),向国齐,Guang WEN (外),张学刚,谢永春,杨光春
9	Construction Method and Practical Application?? of Oil and Gas Field Surface Engineering Case Database Based on Knowledge Graph	2024-05-24	processes	期刊论文	SCI 四区	夏太武(外),泰志翔(外),张译华(外),王峰 (外),张伟 (外),徐立 (外),周丹,周军 (外)
10	Contact Stress Reliability Analysis Model for Cylindrical Gear with Circular Arc Tooth Trace Based on an Improved Metamodel	2024-04-16	Computer Modeling in Engineering & Sciences	期刊论文	SCI 四区	张祺,Zhixin Chen (外),Yang Wu (外),向国齐,Guang Wen (外),张学刚,谢永春,杨光春
11	Workshop Facility Layout Optimization Based on Deep Reinforcement Learning	2024-01-14	processes	期刊论文	SCI 四区	赵晏林,段丹璐 (学)
12	Research on Crack Propagation Mechanism of Silicon Nitride Ceramic Ball Bearing Channel Surface Based on Rolling Friction Experiment	2024-01-12	Applied Sciences-Basel	期刊论文	SCI 四区	王鹏飞,李颂华 (外),吴玉厚 (外),张宇 (外),魏超 (外),王永华 (外)

13	Investigation of Normal Dynamic Contact Stiffness and Damping Characteristics in Mixed Lubrication for Non-Gaussian Rough Surfaces	2024-01-01	MECHANICS OF SOLIDS	期刊论文	SCI 四区	高志强 (外), 张宇 (外), 席云鹏 (外), 魏弦
14	Elastohydrodynamic Lubrication Interface Stiffness and Damping Considering Asperity Lateral Contact	2024-02-01	Acta Mechanica Solida Sinica	期刊论文	SCI 三区	高志强 (外), 张宇 (外), 魏弦, 朱艳芳 (外)
15	Multi-objective optimisation of the engine connecting rod based on the response surface methodology	2024-06-01	International Journal of Computational Materials Science and Surface Engineering	期刊论文	EI-JA 检索	郑彬, 周林非 (学)
16	Analysis of Static and Dynamic Characteristics and Lightweight Design of Titanium Alloy Frame	2024-06-01	Manufacturing Technology	期刊论文	EI-JA 检索	郑彬
17	Research on Optimization of Power Battery Recycling Logistics Network	2024-04-15	EAI Endorsed Transactions on Energy Web	期刊论文	EI-JA 检索	赵晏林, 吴玉良 (学)
18	GPF Filtration Characteristics Considering Fractal Characteristics of Particles and Filters	2024-01-01	Applied Mathematics and Nonlinear Sciences	期刊论文	EI-JA 检索	张健, 王磊 (学), 何超 (外), 刘学渊 (外)
19	Microcosmic characteristics of particulate matter emitted by GDI gasoline engine in plateau environment	2024-01-01	Journal of Computational Methods in Sciences and Engineering	期刊论文	EI-JA 检索	张健, 周浩 (学), 刘小英, 何超 (外)
20	利用齿面接触印痕逆向确定曲线圆弧齿轮的加工刀盘半径	2024-09-15	机械传动	期刊论文	中文核心	张学刚, 董英杰 (外)
21	钛合金铣削刀具状态智能监测技术研究	2024-09-13	机械设计与制造	期刊论文	中文核心	周丹
22	活塞表面缺陷图像的亚像素边缘检测技术研究	2024-01-10	机械设计与制造	期刊论文	中文核心	郑彬, 黄涛 (学), 罗山
23	表面结构与 DLC 涂层复合处理影响材料摩擦特性的研究进展	2024-02-29	功能材料	期刊论文	CSCD 核心库	袁浩恩 (外), 吴继忠, 王海军 (外), 陈文刚

						(外),程家豪 (外),郭思良 (外),周意昊 (外),魏北朝 (外),罗海 (外)
24	钛合金气门在高海拔环境中的应用优势与表面处理	2024-05-15	材料保护	期刊论文	CSCD 扩展库	郭思良(外),张健,王海军(外),陈文刚(外),程家豪(外)
25	面向 3D 打印的排爆机械臂栅格优化	2024-02-20	机械设计	期刊论文	中文核心	郭小兰,封坤(学),魏弦,李昕(学)
26	Numerical simulation study on the quenching temperature and stress field of automotive transmission gear	2024-11-10	NMMVE	会议论文	EI-CA 检索	郑彬,白浩(学)
27	Automobile Transmission Gear Modeling and Contact Stress Analysis (汽车变速器齿轮建模与接触应力分析)	2024-11-10	Proceedings of SPIE-The International Society for Optical Engineering	会议论文	EI-CA 检索	张敬东,郑彬
28	Piston Strength Analysis and Multi-Objective Optimization	2024-11-10	NMMVE	会议论文	EI-CA 检索	郑彬,李博涵(学)
29	The Design of DC Motor Driving Control System for Monorail Lifting Weight Walk Training Device	2024-09-27	2024 4th International Conference on Electronic Information Engineering and Computer Science, EIECS 2024	会议论文	EI-CA 检索	张志森,王天志(学),谢敖兵(学),杨涛

30	Design of Intelligent Irrigation Control System for Vegetable Greenhouses Based on STM32F103C8T6	2024-09-20	Proceedings of SPIE-The International Society for Optical Engineering	会议论文	EI-CA 检索	周丹,李富林(学)
31	Effect of Tip Clearance on the Cavitation Performance of a Helical Blade Transfer Pump	2024-09-14	Advances in Mechanical Design	会议论文	EI-CA 检索	黄小兵
32	Key Construction Techniques for Cable Hoisting of Long-Span Steel Pipe Concrete Arch Bridge	2024-08-29	Proceedings of Conference on Sustainable Traffic and Transportation Engineering in 2023	会议论文	EI-CA 检索	杨艳
33	Miniature energy harvesting system based on piezoelectric effect	2024-06-07	Proceedings of SPI-The international Society of Photo-Optical Instrumentation Engineers	会议论文	EI-CA 检索	李秋雨(学),张志森,徐培根(学),陈斯琪(学)
34	High-precision closed-loop motion chassis system for intelligent logistics trolley	2024-05-24	Proc. of SPIE	会议论文	EI-CA 检索	周丹,周应春(学)
35	Simulation and optimization of furniture production line based on digital factory	2024-05-17	The International Society for Optical Engineering	会议论文	EI-CA 检索	赵晏林,杨涛,贾舒媛,曾庆,阳运金(学)
36	Piston structure design and finite element analysis	2024-05-10	ICMTEM	会议论文	EI-CA 检索	郑彬,李俊波(学)
37	A simulation design of process control system based on MATLAB	2024-04-23	2023 9th International Symposium on Sensors, Mechatronics and Automation System	会议论文	EI-CA 检索	李秋雨(学),马潇然
38	Design of Ward Medical Monitoring System Based on Internet of Things	2024-04-07	Proceedings of 2023 4th International	会议论文	EI-CA 检索	李琴

			Symposium on Artificial Intelligence for Medicine Science, ISAIMS 2023			
39	Design of Intelligent Infusion System for Wards Based on Internet of Things	2024-04-07	Proceedings of 2023 4th International Symposium on Artificial Intelligence for Medicine Science, ISAIMS 2023	会议论文	EI-CA 检索	李琴,陈孝楼(学)
40	Optimization Design of Parking Lot-Taking Panzhihua Wanda Outdoor Parking Lot as an Example Layout	2024-03-28	STCE2023	期刊论文	EI-CA 检索	王丽萍,罗军龙(学),刘娇艳(学)
41	Surface Flaw Recognition of Engine Connecting Rod Based on Mathematical Morphology	2024-03-11	IAEAC	会议论文	EI-CA 检索	郑彬,支川银(学)
42	Simulation Analysis for the Motion of New Type of Gear with Circular Arc Tooth Trace	2024-02-22	ICAITA 2023	会议论文	EI-CA 检索	张健,陈宇(学),刘小英
43	Influence of Travel Dynamics Parameters on High-Altitude Emission Characteristics of GDI Light-Duty Vehicles	2024-02-19	STCE 2023	会议论文	EI-CA 检索	张健,蒋勇涛(学),赵生莲,马志磊(外)
44	Structure design and analysis of ditching device for ecological grass truck	2024-01-26	METMS 2024	会议论文	EI-CA 检索	起雪梅,张超(学),王雨丹(学),徐钊(学)
45	Stress Analysis of a New Type of Cylindrical Gear with Circular Arc Tooth Trace	2024-01-26	METMS 2024	会议论文	EI-CA 检索	张健,杨雪(学),起雪梅,杨光春
46	Finite Element Analysis of the Main Components of a Gear Rotor Pump	2024-01-11	NMMVE	会议论文	EI-CA 检索	郑彬,简红吉,邱浩宇(学)

47	Analysis of the Countermeasures for Curriculum Ideology and Politics in Infiltration form of Gathering Sand into a Tower	2024-12-10	ASSEHR-Advances in Social Science, Education and Humanities Research	会议论文		李碧茹
48	《机械工程测试技术》课程思政探索与实践	2024-12-08	模具制造	期刊论文		周振
49	“三全育人”视域下地方应用型高校学生社会实践创新模式研究	2024-11-01	教育教学研究	期刊论文		杜箫宇,张敬东
50	基于“三角度，四阶段”的毕业设计课程思政教学实践	2024-10-15	教育与研究	期刊论文		张健,起雪梅
51	新形势下高校学生党建工作面临的问题及解决措施	2024-09-15	世界都市	期刊论文		吴继忠
52	匹配 DW350 测功机试验台的油耗测试系统设计	2024-09-15	电子制作	期刊论文		罗星宇（学）,张健,刘智佳（学）,周渊埔（学）,李择林（学）
53	基于“一体两翼”的工科专业课程的教学改革与实践——以《汽车构造》课程为例	2024-09-10	教育与研究	期刊论文		张健,王青青（学）
54	《电工电子学》课程思政教学实践探索	2024-07-05	时代汽车	期刊论文		周振
55	基于产教融合的机器人工程专业工程技术创新人才培养	2024-06-17	教育与研究	期刊论文		刘财勇
56	基于 A* 算法改进的机器人路径规划	2024-06-17	现代交通技术研究	期刊论文		曾欣悦（学）,刘财勇
57	基于灰色-马尔可夫模型的道路交通事故预测	2024-05-15	黑龙江交通科技	期刊论文		黎辉,文超
58	Design of Loading and Unloading Device for Valve Lock Sheet of Automobile Engine	2024-05-10	Journal of Precision Instrument and Machinery	期刊论文		龚建春,李岳衡（学）,邹勇（学）,肖平伟

						(学),汤鑫 (学)
59	基于机器视觉的变速器齿轮表面缺陷检测研究	2024-03-01	制造业自动化	期刊论文		罗山,廖瑞(学), 郑彬
60	瓜类嫁接机切削夹持机构设计	2024-02-25	农业装备与车辆工程	期刊论文		张健,文先华 (学),刘小英,黄 冬寒(学)
61	高功率电机效率测试实验平台设计	2024-01-28	机电产品开发与创新	期刊论文		朱胜良(外),张 敬东,王聪,胡培浩 (学),郑彬
62	Design and Practice on Curriculum Ideological and Political Education in Automobile CAD CAM CAE Course	2024-01-14	ICEKIM	会议论文		郑彬
63	新时代高校教工基层党组织党建业务协同育人路径研究	2024-11-15	攀枝花学院学报	期刊论文		付建,张敬东,李学 伟,史新君,徐翠
64	Cantilever Construction Technology of Long Span Asymmetric Continuous Rigid Frame Bridge	2024-02-22	MTDPM 2023	会议论文		杨艳,陈映雪 (学)