

2022年理学院学术论文统计表

序号	论文题目	第一作者 (第一通讯作者)	期刊刊名	发表时间	成果内容
1	Highly active and stable BaCo <sub>0.8</sub> Zr <sub>0.1</sub> Y <sub>0.1</sub> O <sub>3-δ</sub> cathode for intermediate temperature solid oxide fuel cells	牛冰冰	Journal of the European Ceramic Society	2022-02-04	中科院1区
2	Particle swarm optimization with Chebychev functional-link network model for engineering design problems	刘昊	Applied Soft Computing	2022-11-13	中科院2区
3	Fault estimation for nonlinear systems: an observer structure design criterion technique	黄胜绢	Nonlinear Dynamics	2022-10-10	中科院2区
4	Automatic classification of galaxy morphology based on the RegNetX-CBAM3 algorithm	屠良平	Monthly Notices of the Royal Astronomical Society	2022-11-01	中科院2区
5	Dynamic analysis of a SIDRW rumor propagation model considering the effect of media reports and rumor refuters	胡煜寒	Nonlinear Dynamics	2022-10-02	中科院2区
6	Performance optimization of Ca and Y co-doped CeO <sub>2</sub> -based electrolyte for intermediate-temperature solid oxide fuel cells	王彪	journal of alloys and compounds	2022-08-25	中科院2区
7	A variable selection method for a hierarchical interval type-2 TSK fuzzy inference system	张大庆	Fuzzy Sets and Systems	2022-06-30	中科院2区
8	Magnetic and thermal characterization of Fe-B-P amorphous nanoparticles prepared by chemical reduction	谷月	JOURNAL OF MAGNETISM AND MAGNETIC	2022-10-15	中科院3区
9	Defect of Archimedes optimization algorithm and its verification	丁桂艳	Soft Computing	2022-12-15	中科院3区
10	Quantum coherence protection by noise	杨秀一	Laser Physics Letters	2022-05-16	中科院3区

11	High performance and stability of PrBa <sub>0.5</sub> Sr <sub>0.5</sub> Fe <sub>2</sub> O <sub>5+δ</sub> symmetrical electrode for intermediate temperature solid oxide fuel cells	王彪	solid state ionics	2022-11-25	中科院3区
12	Investigation on charged particles in inductively coupled Ar/O <sub>2</sub> plasmas: The role of Ar proportion	梁英爽	Physics of plasmas	2022-11-17	中科院3区
13	Raman and synchrotron X-ray diffraction studies of 4-azidobenzoic acid under high pressures	江俊儒	J Raman Spectrosc	2022-10-22	中科院3区
14	A modified Lévy flight distribution for solving high-dimensional numerical optimization problems	刘昊	Mathematics and Computers in Simulation	2022-09-13	中科院3区
15	Adolescent Identity Search Algorithm Based on Fast Search and Balance Optimization for Numerical and Engineering Design Problems	刘昊	Computational Intelligence and Neuroscience	2022-08-01	中科院3区
16	Sol-gel synthesis of TiO <sub>2</sub> -SiO <sub>2</sub> hybrid films with tunable refractive index for broadband antireflective coatings covering the visible range	贾红宝	Journal of Sol-Gel Science and Technology	2022-01-24	中科院3区
17	Adaptive chimp optimization algorithm with chaotic map for global numerical optimization problems	刘昊	The Journal of Supercomputing	2022-11-07	中科院4区
18	Influence of different terminals on the surface properties of rare earth tetraborides: First-principle calculations	王健	Solid State Communications	2022-10-10	中科院4区
19	On Diophantine Equations Related to Narayana's Cows Sequence and Double Factorials or Repdigits	杨鹏	SYMMETRY-BASEL	2022-09-24	中科院4区
20	Repdigits as Sums of Four Tribonacci Numbers	杨鹏	Symmetry	2022-09-16	中科院4区
21	Carlitz's Equations on Generalized Fibonacci Numbers	杨鹏	Symmetry	2022-03-15	中科院4区
22	Numerical Simulation of Flow Past Circular Cylinder Based on Overset Grid Method	宋利伟	Journal of Physics: Conference Series	2022-06-16	EI (CA)
23	跨校修读学分背景下课程的新授课方式的探索研究	何开棘	世纪之星	2022-12	教改论文
24	以学生成长为中心的概率论与数理统计的线上线下混合式教学	丁桂艳	科技视界	2022-01	教改论文
25	课程思政+线上线下混合式教学下的概率论与数理统计课程教学研究	丁桂艳	产业与科技论坛	2022-06	教改论文

26	基于层次分析法的混合式教学效果影响因素分析	李晓红	时代教育	2022-03	教改论文
27	Research on the practice of flipped classroom based on the teaching mode of inter school study—Taking physical optics as an example	王茜	Mordern Management Forum	2022-11	教改论文
28	Improved light trapping and electrical properties from ZnO:Al seed layer/Ag nanowires/ZnO:Al nanorods composite structure for transparent conducting films.	王颖	Materials Letters	2022-07-18	中科院3区
29	基于跨校修读模式下线上线下混合式教学改革研究——以《材料分析与检测》课程为例	江俊儒	教育	2022-12	教改论文
30	Raman and synchrotron X-ray diffraction studies of 4-azidobenzoic acid under high pressures	江俊儒	J Raman Spectrosc	2022-12-12	中科院3区
31	“跨校修读”在大学物理课程中的实施与应用	王健	高等教育前沿	2022-10	教改论文
32	MULTISTAGE OPTIMAL CONTROL FOR MICROBIAL FED-BATCH FERMENTATION PROCESS	李晓红	Journal of Industrial and Management Optimization	2022	中科院4区
33	Dynamic Analysis and Optimal Control of Rumor Propagation Model with Reporting Effect	胡煜寒	Advances in Mathematical Physics	2022-07-18	中科院4区
34	基于创新主导多元协同教研融合模式的研究生科研能力培养研究	胡煜寒	科技创业月刊	2022-07	教改论文
35	Adaptive event-triggered fuzzy tracking control of uncertain stochastic nonlinear systems with unmeasurable states	武力兵	IEEE Transactions on Fuzzy Systems	2022-07-01	中科院1区
36	Adaptive asymptotic tracking control of uncertain nonlinear systems based on Taylor decoupling and event-trigger	武力兵	IEEE Transactions on Systems, Man, and Cybernetics: Systems	2022-04-01	中科院1区
37	Fault-tolerant control for nonlinear switched systems with unknown control coefficients and full-state constraints	武力兵	Information Sciences	2022-01-01	中科院1区
38	Fault compensation control of MIMO nonlinear systems subject to unknown control directions	武力兵	Nonlinear Dynamics	2022-01-01	中科院2区
39	Finite-time event-triggered fault-tolerant control for a family of pure-feedback systems	武力兵	Applied Mathematics and Computation	2022-08-01	中科院2区

40	Finite time adaptive filter control of nonlinear systems with actuator faults and state constraints	武力兵	Asian Journal of Control	2022-10-01	中科院4区
41	Backstepping control for fractional discrete-time systems	武力兵	Applied Mathematics and Computation	2022-11-01	中科院2区
42	Self-Adapting Spherical Search Algorithm with Differential Evolution for Global Optimization	赵健	MATHEMATICS	2022-12-24	中科院3区
43	An Improved Marine Predators Algorithm for Optimal Reactive Power Dispatch With Load and Wind-Solar Power Uncertainties	赵健	IEEE ACCESS	2022-12-25	中科院3区
44	Photodetection properties of $\beta$ -Ga <sub>2</sub> O <sub>3</sub> /n-Si isotype heterojunction for solar-blind ultraviolet photodetector	胡大强	Materials Letters	2022-01-29	中科院3区
45	Influence of Ag Nanowires with Different Morphologies on Light Trapping Abilities and Optoelectronic Properties of Ag Nanowires/ZnO:Al Nanorods Composite Films	胡大强	Photonics	2022-10-02	中科院3区
46	Influence of growth temperature on light trapping properties of ZnO:Al nanorods grown on seed layers with crater-like structures	胡大强	Journal of Modern Optics	2022-02-08	中科院4区
47	稀土四硼化物表面性质的第一性原理研究	王健	辽宁科技大学学报	2022-06	
48	团队作者文章，D类1篇Nature；中科院1区11篇；2区47篇；3区4篇。总计63篇。	朱世海			