

Title	Author	Source
Magnetostatigraphic ages of the Cenozoic Weihe and Shanxi Grabens in North China and their tectonic implications	Chen, Xingqiang(1,2,3); Dong, Shuwen(4); Shi, Wei(2); Zuza, Andrew V. (5); Li, Zhenhong(2); Chen, Peng(2); Liu, Jin(6); Hu, Jianmin(2); Han, Baofu(3)	Tectonophysics
Self-Recoverable, Stretchable, and Sensitive Wearable Sensors Based on Ternary Semi-interpenetrating Ionic Hydrogels	Jin, Zhaoyang(1); Zhou, Hongwei(1); Lai, Jialiang(1); Jin, Xilang(1); Liu, Hanbin(2); Wu, Ping(1); Chen, Weixing(1); Ma, Aijie(1)	ACS Applied Polymer Materials
Optimal optical path difference of an asymmetric common-path coherent-dispersion spectrometer	Chen, Shasha(1,2,3); Wei, Ruyi(1,3,4); Xie, Zhengmao(3); Wu, Yinhua(5); Di, Lamei(1,3); Wang, Feicheng(1,3); Zhai, Yang(6,7)	Applied Optics
Organic nanobowls modified thin film composite membrane for enhanced purification performance toward different water resources	Ou, Changjin(1); Li, Sisi(1); Wang, Zhongyi(1); Qin, Juan(1); Wang, Qian(2); Liao, Zhipeng(1,3); Li, Jiansheng(3)	Membranes
Entropic analysis of a double helical tube heat exchanger including circular depressions on both inner and outer tube	Cao, Yan(1); Ayed, Hamdi(2,3); Dizaji, Hamed Sadighi(4); Hashemian, Mehran(4); Wae-Hayee, Makatar(5)	Case Studies in Thermal Engineering
Temperature-Stable $x(\text{Na}_{0.5}\text{Bi}_{0.5})\text{MoO}_4-(1-x)\text{MoO}_3$ Composite Ceramics with Ultralow Sintering Temperatures and Low Dielectric Loss for Dielectric Resonator Antenna Applications	Hao, Shu-Zhao(1); Zhou, Di(1); Du, Chao(1); Pang, Li-Xia(2); Singh, Charanjeet(3); Trukhanov, Sergei(4,5,6); Trukhanov, Alex(4,5,6); Sombra, Antonio Sergio Bezerra(7); Varghese, Jobin(8); Li, Qiang(9); Zhang, Xiu-Qun(10)	ACS Applied Electronic Materials
A Novel $\text{CoFe}_2\text{NiMn}_{0.3}\text{AlCu}_x$ High-Entropy Alloy with Excellent Magnetic Properties and Good Mechanical Properties	Zhu, Man(1); Zhang, Chi(1); Li, Kun(1); Liu, Yongqin(1); Zhang, Mao(1); Yao, Lijuan(1); Jian, Zengyun(1)	Acta Metallurgica Sinica (English Letters)

Electroceramics for High-Energy Density Capacitors: Current Status and Future Perspectives	Wang, Ge(1); Lu, Zhilun(1,2); Li, Yong(3); Li, Linhao(1); Ji, Hongfen(1,4); Feteira, Antonio(5); Zhou, Di(6); Wang, Dawei(1,7); Zhang, Shujun(8); Reaney, Ian M(1)	Chemical Reviews
2D Metal-Free Nanomaterials Beyond Graphene and Its Analogues toward Electrocatalysis Applications	Li, Zhenglong(1); Chen, Yaping(2); Ma, Tianyi(3); Jiang, Yinzhu(2); Chen, Jian(1); Pan, Hongge(1,2); Sun, Wenping(2)	Advanced Energy Materials
Laser reflection echo signal detection and calculation under multi-attitude intersection	Li, Hanshan(1); Zhang, Xiaoqian(1); Gao, Junchai(1)	Journal of Electromagnetic Waves and Applications
Exact reconstruction condition for angle-limited computed tomography of chemiluminescence	Wang, Jia(1); Li, Mingzhe(1); Cheng, Junxia(1); Guo, Zhenyan(2); Li, Dangjuan(1); Wu, Shenjiang(1)	Applied Optics
Topological phase transitions driven by non-Hermiticity in quantum spin Hall insulators	Hou, Junpeng(1); Wu, Ya-Jie(1,2); Zhang, Chuanwei(1)	Physical Review B
Polarized Laser Backscattering of Atmospheric Cloud Distribution Based on Simulated Annealing Algorithm	Ren, Shenhe(1); Gao, Ming(1); Wang, Mingjun(2); Li, Yan(1)	Mathematical Problems in Engineering
Microwave absorption enhancement of 2-dimensional CoZn/C@MoS <sub>2</sub> @PPy composites derived from metal-organic framework	Bi, Yuxin(1); Ma, Mingliang(1); Liu, Yanyan(1); Tong, Zhouyu(1); Wang, Rongzhen(1); Chung, Kwok L.(1); Ma, Aijie(2); Wu, Guanglei(3); Ma, Yong(4); He, Changpeng(1); Liu, Pan(1); Hu, Luying(1)	Journal of Colloid and Interface Science
Exploring promising gas sensing and highly active catalysts for CO oxidation: Transition-metal (Fe, Co and Ni) adsorbed Janus MoSSe monolayers	Guo, Jia-Xing(1); Wu, Shao-Yi(1); Zhong, Si-Ying(1); Zhang, Gao-Jun(1); Yu, Xing-Yuan(1); Wu, Li-Na(2)	Physical Chemistry Chemical Physics

Phase Structure and Dielectric Relaxation Properties in PFN-PIN-PT Ternary Ceramics with MPB Compositions	Liu, Xuan(1,2); Fang, Pinyang(1); Guo, Feifei(1); Xi, Zengzhe(1); He, Aiguo(1); Chang, Zhihui(2)	Journal of Superconductivity and Novel Magnetism
Investigation on Effects of Parametric Variation on Second Language Learners' Performance from the Perspective of Pro-drop Parameters for Chinese learners of English	Zhang, Hua(1); Yun, Lu(1)	ACM International Conference Proceeding Series
Experimental study on the influence of tool electrode material on electrochemical micromachining of 304 stainless steel	Bian, Jianxiao(1,2); Ma, Baoji(1,3); Ma, Haihong(1); Qi, Lijun(1)	Materials
Study on Permeation Grouting Rules for Loess and Method for Predicting Migration Radius	Zhao, Zai-kun(1); Wang, Tie-hang(1); Jin, Xin(2)	KSCE Journal of Civil Engineering
Analysis and correction of geometrical error-induced pointing errors of a space laser communication APT system	Zhang, Furui(1); Ruan, Ping(2); Han, Junfeng(2); Li, Yao(1)	International Journal of Optomechatronics
Warhead Fragments Distribution Measurement Method by a Multi-screen Sensors Intersection Test Mechanism and Equivalent Target Damage Probability Calculation	Li, Hanshan(1); Zhang, Xuewei(2); Zhang, Xiaoqian(2); Gao, Junchai(2)	IEEE Transactions on Instrumentation and Measurement
Experimental study on triaxial shear characteristics of compacted loess under drying and wetting cycles	Hao, Yanzhou(1); Wang, Tiehang(1); Wang, Zhao(2); Jin, Xin(3)	Shuili Xuebao/Journal of Hydraulic Engineering
Fabrication of one-dimensional ZnFe <sub>2</sub> O <sub>4</sub> @carbon@MoS <sub>2</sub> /FeS <sub>2</sub> composites as electromagnetic wave absorber	Liao, Zijian(1); Ma, Mingliang(1); Tong, Zhouyu(1); Bi, Yuxin(1); Chung, Kwok L. (1); Qiao, Mingtao(2); Ma, Yong(3); Ma, Aijie(4); Wu, Guanglei(5); Li, Zongxuan(1); Zhang, Yu(1)	Journal of Colloid and Interface Science
Absorption interferometer of two-sided cavity	Guo, Miao-Di(1); Li, Hong-Mei(2)	Chinese Physics B
The Diagnostic Method for Open-Circuit Faults in Inverters Based on Extended State Observer	Chen, Chaobo(1); Yang, Ying(2); Zhang, Binbin(2); Gao, Song(2)	Mathematical Problems in Engineering

A 3D, Magnetically Actuated, Aligned Collagen Fiber Hydrogel Platform Recapitulates Physical Microenvironment of Myoblasts for Enhancing Myogenesis	Shi, Nianyuan(1); Li, Yuhui(1); Chang, Le(1); Zhao, Guoxu(2); Jin, Guorui(1); Lyu, Yi(3); Genin, Guy M. (1,4); Ma, Yufei(1); Xu, Feng(1)	Small Methods
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Numerical integration scheme - based semi-discretization methods for stability prediction in milling	Zhang, Changfu(1); Yan, Zhenghu(1); Jiang, Xinguang(1)	International Journal of Advanced Manufacturing Technology
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Detection of Cu <sup>2+</sup> and S <sup>2-</sup> with fluorescent polymer nanoparticles and bioimaging in HeLa cells	Yang, Jin(1); Chen, Weixing(1); Chen, Xinyu(1); Zhang, Xi(1); Zhou, Hongwei(1); Du, Haotian(1); Wang, Mingcheng(1); Ma, Yiting(1); Jin, Xilang(1)	Analytical and Bioanalytical Chemistry
Microstructure and properties of CPED thermal protective ceramic coating toughened by ZrO <sub>2</sub> nanorods on Al - Si alloy	Wang, Ping(1); Ma, Qun(2); Chen, Xiaomin(3); Zhang, Chunqing(4)	Surface Engineering

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Orthogonal wavelet transform KCA in fault diagnosis	Li, Weipeng(1,2); Cao, Yan(1,2); Li, Lijuan(1,2)	Zhendong yu Chongji/Journal of Vibration and Shock
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Erratum: Glass formation, magnetic properties, and electrical resistivity of the multi-component FeNbBCuNiCo amorphous alloys (International Journal of Materials Research 112:2 (137-142) DOI: 10.1515/ijmr-2020-8055)	Zhu, Man(1); Zhang, Chi(1); Xu, Tao(1); Yao, Lijuan(1); Liu, Yongqin(1); Cai, Mengmeng(1); Jian, Zengyun(1)	International Journal of Materials Research
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Effect of pulsed magneto oscillation and phosphorus on microstructure and tensile properties of as-cast Al-25% Si alloy	Dang, Bo(1); Jian, Zengyun(1); Xu, Junfeng(1)	International Journal of Materials Research
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Tunable NH <sub>4</sub> F-Assisted Synthesis of 3D Porous In <sub>2</sub> O <sub>3</sub> Microcubes for Outstanding NO <sub>2</sub> Gas-Sensing Performance: Fast Equilibrium at High Temperature and Resistant to Humidity at Room Temperature	Liu, Nan(1); Li, Yuan(1); Li, Yanni(1); Cao, Lei(1); Nan, Ning(1); Li, Chun(1); Yu, Lingmin(1)	ACS Applied Materials and Interfaces
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