

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Debski, A; Gierlotka, W; Gasior, W	紀渥德*	Calorimetric studies and thermodynamic calculations of the Ag-Mg system	JOURNAL OF ALLOYS AND COMPOUNDS	JAN 25	2022
2	Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Verma, A; Anand, P; Kumar, S; Fu, YP	傅彥培*	Cu-cuprous/cupric oxide nanoparticles towards dual application for nitrophenol conversion and electrochemical hydrogen evolution	APPLIED SURFACE SCIENCE	MAR 15	2022
3	Metallurgy & Metallurgical Engineering	Gierlotka, W; Gasior, W; Debski, A; Zabrocki, M	紀渥德*	THERMODYNAMIC MODELING OF THE BINARY INDIUM-LITHIUM SYSTEM, A PROMISING Li-ION BATTERY MATERIAL	JOURNAL OF MINING AND METALLURGY SECTION B- METALLURGY		2022
4	Crystallography; Materials Science, Multidisciplinary	Nurzal, N; Huang, WC; Liu, CY; Chen, SH; Yu, IS	余英松*.陳素華	The Growth of Hexagonal Boron Nitride Quantum Dots on Polycrystalline Nickel Films by Plasma- Assisted Molecular Beam Epitaxy	CRYSTALS	MAR	2022
5	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Chen, CL; Sutrisna	陳俊良*	Development of ODS tungsten heavy alloys reinforced with Co9Al8W superalloy binder by mechanical alloying	JOURNAL OF ALLOYS AND COMPOUNDS	MAY 15	2022

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6		Moscow, Subramanian; Kavinkumar, Veerappan; Sriramkumar, Masilamani; Kalaikathir, S. Prabath Reshmi; Jothivenkatachalam, K; Fu, YP; Anandan, S	傅彥培	Synthesis of Sn and Zr-Doped BiVO ₄ Nanocatalyst with Enhanced Photocatalytic and Photoelectrochemical Activity	CHEMISTRYSELECT	MAY 6	2022
7	Materials Science, Multidisciplinary	Gierlotka, W; Debski, A; Terlicka, S; Gasior, W; Peska, M; Dworecka-Wojcik, J; Polanski, M	紀渥德*	Theoretical studies of the thermodynamic and mechanical properties of Mg-Pt system. An insight into phase equilibria	JOURNAL OF MATERIALS RESEARCH	JUN 14	2022
8	Optics	Lin, BY; Li, YR; Chen, CH; Hsu, HC; Wei, MK; Lee, JH; Chiu, TL	魏茂國	Effects of electron transport layer thickness on light extraction in corrugated OLEDs	OPTICS EXPRESS	MAY 23	2022
9	Physics, Multidisciplinary	Huang, HH; Juodkasis, S; Gamaly, EG; Nagashima, T; Yonezawa, T; Hatanaka, K	Hatanaka, K	Spatio-temporal control of THz emission	COMMUNICATIONS PHYSICS	MAY 31	2022
10	Polymer Science	Tsai, MH; Ouyang, H; Yang, FQ; Wei, MK; Lee, SB	魏茂國	Effects of ultraviolet irradiation on the aging of the blends of poly (lactic acid) and poly (methyl methacrylate)	POLYMER	JUN 14	2022

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11	Materials Science, Coatings & Films; Physics, Applied	Susanto, I; Tsai, CY; Ho, YT; Tsai, PY; Yu, IS	余英松*	Enhancement of optical property and crystal structure for GaN films on 2D MoS2 buffer layer by nitridation treatment	SURFACE & COATINGS TECHNOLOGY	MAR 25	2022
12	Thermodynamics; Chemistry, Physical	Gierlotka, W; Debski, A; Zabrocki, M; Goral, A; Gasior, W	紀渥德*	Phase diagram, thermodynamic studies, and ab-initio calculations of the Ge-Li system	JOURNAL OF CHEMICAL THERMODYNAMICS	DEC	2022
13	Geochemistry & Geophysics	Garcia, LN; Varela, ME; Hwang, SL; Shen, PY; Bolmaro, R; Avalos, M	黃士龍	Mincy mesosiderite metallic nodules analyzed by EBSD: An approach to understanding their thermal history	METEORITICS & PLANETARY SCIENCE	OCT 23	2022
14	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering; Physics, Applied; Physics, Condensed Matter	Debski, A; Gasior, W; Gierlotka, W; Polanski, M	紀渥德	Mixing Enthalpies of Liquid Ag-Mg-Pb Alloys: Experiment vs. Thermodynamic Modeling	MATERIALS	OCT	2022
15	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Lin, YS; Wang, HW	林育賢*	AlGaN/AlN/GaN Metal-Oxide-Semiconductor High-Electron Mobility Transistor with Annealed Al2O3 Gate Dielectric	SCIENCE OF ADVANCED MATERIALS	AUG	2022
16	Metallurgy & Metallurgical Engineering	Zhou, MR; Zeng, ZR; Cheng, C; Morisada, Y; Shi, QY; Wang, JY; Fujii, H	王建義	Effect of the processing route on the microstructure and mechanical behavior of superlight Mg-9Li-1Zn alloy via friction stir processing	JOURNAL OF MAGNESIUM AND ALLOYS	NOV	2022

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17	Chemistry, Multidisciplinary; Materials Science, Multidisciplinary	Kumar, S; Weng, PH; Fu, YP	傅彥培*	Core-shell-structured CuO@Ni-MOF: bifunctional electrode toward battery-type supercapacitors and oxygen evolution reaction	MATERIALS TODAY CHEMISTRY	DEC	2022
18	Chemistry, Inorganic & Nuclear	Ramachandran, K; Pudukudy, M; Murugan, A; Fu, YP; Ramesh, R	傅彥培	Ni(OH)2 functionalized Zr doped α -Fe2O3 photoanode for enhanced photoelectrochemical water oxidation	INORGANIC CHEMISTRY COMMUNICATIONS	DEC	2022

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1		Hsiao, K-C, Chen, Y-J, Liao, S-C.	陳怡嘉*	Investigation of the synthesis and the effect of precursor ratio of Al/Zn on annona squamosal-like mesoporous particles ZnAl2O4	Int J Ceramic Eng Sci.		2022