

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Materials Science	LIV, C; Huang, JJ; Fu, YP; Li, C; Wang, JY; Lee, Chen,	傅彥培*. 王建義	Effect of potassium substituted for A-site of SrCe _{0.95} Y _{0.05} O ₃ on microstructure, conductivity and chemical stability	CERAMICS INTERNATIONAL	MAR	2015
2	Electrochemistry; Energy & Fuels	MH; Kuo, YC; Lin, HH; Chao, YP;	陳美杏*. 翁明壽	Highly stable inverted organic photovoltaics using aluminum-doped zinc oxide as electron transport layers	JOURNAL OF POWER SOURCES	1-Feb	2015
3	Materials Science; Metallurgy & Metallurgical Engineering	Chen, CL; Huang, CL; Zeng, Y	陳俊良*	Synthesis of ODS heavy tungsten alloys through post-annealing and secondary ball milling	INTERNATIONAL JOURNAL OF REFRACTORY METALS & HARD MATERIALS	JAN	2015
4	Engineering; Materials Science; Physics	Lin, YS; Lin, SF; Hsu, WC	林育賢*	Microwave and power characteristics of AlGa _N /Ga _N /Si high-electron mobility transistors with HfO ₂ and TiO ₂ passivation	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	JAN	2015
5	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering	Jendrzyczyk-Handzlik, D; Fitzner, K; Gierlotka, W	紀渥德*	On the Cu-Ga system: Electromotive force measurement and thermodynamic reoptimization	JOURNAL OF ALLOYS AND COMPOUNDS	5-Feb	2015
6	Science & Technology - Other Topics	wong, MS; Chen, CW; Hsieh, CC; Hung, SC; Sun, DS;	翁明壽	Antibacterial property of Ag nanoparticle-impregnated N-doped titania films under visible light	SCIENTIFIC REPORTS	9-Jul	2015

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7	Materials Science; Metallurgy & Metallurgical Engineering	Chen, CL; Lin, CH	陳俊良*	Effect of Y ₂ O ₃ and TiC Reinforcement Particles on Intermetallic Formation and Hardness of Al6061 Composites via Mechanical Alloying and Sintering	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS	AUG	2015
8	Materials Science; Metallurgy & Metallurgical Engineering	Bajaj, S; Pomrehn, GS; Doak, JW; Gierlotka, W; Wu, HJ; Chen, SW; Wolverson, C; Goddard, WA; Snyder, CH	紀渥德	Ab initio study of intrinsic point defects in PbTe: an insight into phase stability	ACTA MATERIALIA	15-Jun	2015
9	Energy & Fuels; Materials Science; Physics	Yao, EP; Shiu, SM; Tsai, YJ; Lin, YS; Hsu, WC	林育賢	Characterization of Interfaces Between Contacts and Active Layer in Organic Photovoltaics Using Impedance Spectroscopy and Equivalent Circuit Model	IEEE JOURNAL OF PHOTOVOLTAICS	MAY	2015
10	Materials Science; Physics	Tien, LC; Liou, YH	田禮嘉*	Synthesis of Bi ₂ O ₃ nanocones over large areas by magnetron sputtering	SURFACE & COATING TECHNOLOGY	15-Mar	2015
11	Thermodynamics; Chemistry	Gierlotka, W	紀渥德*	Comment on "Thermodynamic assessment of the Bi-K binary system" by C. Niu, C. Li, Z. Du, C. Guo, M. Liu [Thermochimica Acta 528 (2012) 9-14]	THERMOCHEMICA ACTA	20-Mar	2015

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12	Engineering; Environmental Sciences & Ecology	Hu, SH; Xie, MY; Hsieh, YM; Liou, YS; Chen, WS	Xie, Min-Yan	Resource Recycling of Gallium Arsenide Scrap Using Leaching-Selective Precipitation	ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY	MAR-APR	2015
13	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering	Chen, CC; Hu, SH; Fu, YP	傅彥培*	Effects of surface hydroxyl group density on the photocatalytic activity of Fe ³⁺ -doped TiO ₂	JOURNAL OF ALLOYS AND COMPOUNDS	25-May	2015
14	Geology	Hwang, SL; Shen, P; Chu, HT; Yui, TF; Iizuka, Y	黃士龍*	Origin of rutile needles in star garnet and implications for interpretation of inclusion textures in ultrahigh-pressure metamorphic rocks	JOURNAL OF METAMORPHIC GEOLOGY	APR	2015
15	Materials Science; Metallurgy & Metallurgical Engineering	Gierlotka, W; Chen, SW; Chen, WA; Chang, JS; Snyder, GJ; Tang, YL	紀渥德*	The Co-Sb-Ga System: Isoplethal Section and Thermodynamic Modeling	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS	APR	2015
16	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering	Gierlotka, W; Jendryczek, Handzlik, D; Fitzner, K; Handzlik, D	紀渥德*	On the ternary Ag - Cu - Ga system: Electromotive force measurement and thermodynamic modeling	JOURNAL OF ALLOYS AND COMPOUNDS	15-Oct	2015

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17	Electrochemistry; Materials Science	Fu, YP, Chen, RH; Hsieh, MY; Subardi, A; Chang, YH	傅彥培*	Double Perovskite LaSrCo _{1.6} Cu _{0.4} O _{5-δ} Cathode for IT-SOFCs with Pulsed Laser Technique Deposited Bi-Layer Electrolyte	JOURNAL OF THE ELECTROCHEMICAL SOCIETY		2015
18	Materials Science	Fu, YP, Wang, HC; Weng, CS; Hu, SH; Liu, YC	傅彥培*	Characterizations of Fe Doping on B-Site of (La _{0.8} Ca _{0.2})(Cr _{0.9} Co _{0.1})O ₃ - Interconnect Materials for SOFCs	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	AUG	2015
19	Materials Science	Chen, CC (Chen, Ching-Cheng)[1]; Fu, YP (Fu, Yen-Pei)[1]; Hu, SH (Hu, Shao-Hua)[2]	傅彥培	Characterizations of TiO ₂ /SiO ₂ /Ni-Cu-Zn Ferrite Composite for Magnetic Photocatalysts	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	SEP	2015
20	Materials Science	Chen, CC; Fu, YP; Hu, SH	傅彥培*	Characterizations of TiO ₂ /SiO ₂ /Ni-Cu-Zn Ferrite Composite for Magnetic Photocatalysts	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	SEP	2015
21	Materials Science	Hangen, U; Chen, CL; Richter, A	陳俊良	Mechanical Characterization of PM2000 Oxide-Dispersion-Strengthened Alloy by High Temperature Nanoindentation	ADVANCED ENGINEERING MATERIALS	NOV	2015

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22	Engineering; Environmental Sciences & Ecology; Marine & Freshwater Biology; Water Resources	Hung, YT; Aziz, HA; Yusoff, MS; Kamarudin, MA; Yeh, RYL; Liu, LH; Huhnke, CR; Fu, YD	傅彥培	Chemical Waste and Allied Products	WATER ENVIRONMENT RESEARCH		2015

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1	Science & Technology - Other Topics; Materials Science; Physics	Tu, IS, Liang, WH; Yang, DL; Yang, CP; Chang, CP; Lin, CT	余英松*	GaN Layers on Si (111) from Nanocolumns to Nanorods by Plasma-Assisted Molecular Beam Epitaxy	NANOSCIENCE AND NANOTECHNOLOGY LETTERS	OCT	2015