

NO	Subject Category	Author	作者	Title	Publication Name	Date Published	2009 IF
1	Geochemistry & Geophysics; Mineralogy	Yui, TF; Chu, HT; Hwang, SL; Shen, PY; Wu, TW; Liou, JG; Sobolev, NV	黃士龍	Geochemistry of garnetiferous Ti-clinohumite rock and talc-kyanite-phengite-almandine schist from the Kokchetav UHP terrane, Kazakhstan: An insight to possible origins of some chemically unusual UHP rocks	LITHOS	JUL,2010	3.537
2	Electrochemistry; Materials Science, Multidisciplinary	Liu, CY; Tseng, HW; Song, JM	宋振銘	Variation of Mechanical Property and Microstructure across Sn Solder Joint in Cu/Sn/Ni Structure	ELECTROCHEMICAL AND SOLID STATE LETTERS	2010	1.837
3	Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Liang, JH; Lai, HY; Chen, YJ	陳怡嘉	Morphology transition of ZnO films with DMZn flow rate in MOCVD process	APPLIED SURFACE SCIENCE	15-Sep, 2010	1.616
4	Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Song, JM; Tsai, CH; Ri, YP	宋振銘*	Electrochemical corrosion behaviour of Bi-11 Ag alloy for electronic packaging applications	CORROSION SCIENCE	JUL,2010	2.316
5	Materials Science, Ceramics	Liu, YC; Fu, YP	傅彥培	Magnetic and catalytic properties of copper ferrite nanopowders prepared by a microwave-induced combustion process	CERAMICS INTERNATIONAL	JUL,2010	1.686
6	Physics, Applied	Hung, DS; Fu, YP; Lee, SF; Yao, YD; Ahad, FBA	傅彥培	Relaxation behaviors of the bismuth-substituted yttrium iron garnet in the microwave range	JOURNAL OF APPLIED PHYSICS	1- May, 2010	2.072
7	Materials Science, Ceramics	Tay, KW; Fu, YP; Huang, QF; Jang, FH	傅彥培*	Effect of Bi ₂ O ₃ additives on sintering and microwave dielectric behavior of La(Mg _{0.5} Ti _{0.5})O-3 ceramics	CERAMICS INTERNATIONAL	MAY, 2010	1.686
8	Materials Science, Ceramics	Fu, YP; Hu, SH	傅彥培	Electrical and magnetic properties of magnesium-substituted lithium ferrite	CERAMICS INTERNATIONAL	MAY, 2010	1.686
9	Crystallography	Hwang, SL; Shen, PY; Yui, TF; Chu, HT	黃士龍*	On the coherency-controlled growth habit of precipitates in minerals	JOURNAL OF APPLIED CRYSTALLOGRAPHY	JUN,2010	3.018

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10	Biology; Multidisciplinary Sciences	Wong, MS; Sun, DS; Chang, HH	翁明壽*	Bactericidal Performance of Visible-Light Responsive Titania Photocatalyst with Silver Nanostructures	PLOS ONE	29-Apr, 2010	4.351
11	Chemistry, Multidisciplinary	Wei, MK; Lin, CW; Yang, CC; Kiang, YW; Lee, JH; Lin, HY	魏茂國	Emission Characteristics of Organic Light-Emitting Diodes and Organic Thin-Films with Planar and Corrugated Structures	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	APR, 2010	1.387
12	Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Chiang, LF; Nishioka, N; Wang, JY; Hosokawa, H; Uesugi, T; Takigawa, Y; Higashi, K	王建義	Effect of Tool Materials on Dynamic Friction Characteristics and Microstructural Evolution at Elevated Temperature in Extruded AZ31 Magnesium Alloy	MATERIALS TRANSACTIONS	MAR, 2010	0.795
13	Engineering, Electrical & Electronic; Nanoscience & Nanotechnology; Optics; Physics, Applied	Kang, JM; Wei, MK; Lin, HY; Lee, JH; Lin, HY; Tsai, JH; Wu, TC	魏茂國*	Shape-controlled microlens arrays fabricated by diffuser lithography	MICROELECTRONIC ENGINEERING	MAY-AUG, 2010	1.488
14	Materials Science, Multidisciplinary	Song, JM; Su, CW; Lai, YS; Chiu, YT	宋振銘*	Time-dependent deformation behavior of interfacial intermetallic compound layers in electronic solder joints	JOURNAL OF MATERIALS RESEARCH	APR, 2010	1.667
15	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Chen, YJ; Hsu, MC; Cai, YC	陳怡嘉*	Preparation of TiO2 films using nanopowder synthesized by flat-flame chemical vapor condensation method for DSSCs	JOURNAL OF ALLOYS AND COMPOUNDS	4-Feb, 2010	2.135
16	Chemistry, Physical; Energy & Fuels; Environmental Sciences; Physics, Atomic, Molecular & Chemical	Wang, JY; Wu, CY; Nieh, JK; Lin, HC; Lin, KM; Bor, HY	王建義*	Improving the hydrogen absorption properties of commercial Mg-Zn-Zr alloy	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	FEB, 2010	3.945

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17	Chemistry, Inorganic & Nuclear; Chemistry, Physical; Physics, Condensed Matter	Pradeesh, K; Agarwal, M; Rao, KK; Prakash, GV	Rao, K. Koteswara	Synthesis, crystal structure and optical properties of quasi-one-dimensional lead (II) iodide: C14H18N2Pb2I6	SOLID STATE SCIENCES	JAN,2010	1.675
18	Optics	Chen, KY; Chang, YT; Ho, YH; Lin, HY; Lee, JH; Wei, MK	魏茂國	Emitter apodization dependent angular luminance enhancement of microlens-array film attached organic light-emitting devices	OPTICS EXPRESS	15-Feb, 2010	3.278
19	Optics	Ho, CH; Huang, GT	何清華*	Polarized-thermoreflectance study of the band-edge transitions in Cu(Al0.5In0.5)S-2 solar-energy related crystal	OPTICS EXPRESS	15-Feb, 2010	3.278
20	Materials Science, Multidisciplinary	Chen, YJ; Lo, YS; Huang, CH; Cai, YC; Hsu, MC	陳怡嘉*; 羅又旭; 黃家華	Anode growth of DSSCs by flat-flame chemical vapor deposition method	MATERIALS CHEMISTRY AND PHYSICS	15-Mar, 2010	2.015
21	Chemistry, Physical; Energy & Fuels; Environmental Sciences; Physics, Atomic, Molecular & Chemical	Fu, YP; Chen, SH; Huang, JJ	傅彥培*	Preparation and characterization of Ce0.8M0.2O2-delta (M = Y, Gd, Sm, Nd, La) solid electrolyte materials for solid oxide fuel cells	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	JAN,2010	3.945
22	Chemistry, Physical	Dong, TY; Chen, CN; Wang, CW; Chen, WT; Chen, CP; Lin, SF; Hsieh, S; Hsieh, CW; Song, JM; Chen, IG; Tung, HT; Kao, TH	宋振銘	Constructions of silver nanowires and copper oxide microrings by a surface-formation technique	JOURNAL OF COLLOID AND INTERFACE SCIENCE	1- Mar, 2010	3.019
23	Materials Science, Ceramics	Fu, YP; Chen, SH	傅彥培*	Preparation and characterization of neodymium-doped ceria electrolyte materials for solid oxide fuel cells	CERAMICS INTERNATIONAL	MAR, 2010	1.686

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24	Materials Science, Multidisciplinary	Fu, YP; Chang, WK; Wang, HC; Liu, CW; Lin, CH	傅彥培*	Synthesis and characterization of anatase TiO ₂ nanolayer coating on Ni-Cu-Zn ferrite powders for magnetic photocatalyst	JOURNAL OF MATERIALS RESEARCH	JAN,2010	1.667
25	Electrochemistry; Materials Science, Coatings & Films	Ho, CH; Lo, SF; Chi, PC	何清華*	Electronic Structure and E-1 Excitons of CuInS ₂ Energy-Related Crystals Studied by Temperature-Dependent Thermoreflectance Spectroscopy	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2010	2.241
26	Materials Science, Ceramics	Chen, YJ; Shih, YY; Ho, CH; Du, JH; Fu, YP	傅彥培*	Effect of temperature on lateral growth of ZnO grains grown by MOCVD	CERAMICS INTERNATIONAL	JAN,2010	1.686
27	Chemistry, Physical; Energy & Fuels; Environmental Sciences; Physics, Atomic, Molecular & Chemical	Lin, HY; Chang, YS	林欣瑜*	Photocatalytic water splitting for hydrogen production on Au/KTiNbO ₅	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	AUG, 2010	3.945
28	Chemistry, Physical; Energy & Fuels; Environmental Sciences; Physics, Atomic, Molecular & Chemical	Fu, YP	傅彥培*	Sm _{0.5} Sr _{0.5} Co _{0.4} Ni _{0.6} O _{3-delta} -Sm _{0.2} Ce _{0.8} O _{1.9} as a potential cathode for intermediate-temperature solid oxide fuel cells	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	AUG, 2010	3.945
29	Optics	Ho, CH; Tseng, CY; Tien, LC	何清華* 田禮嘉	Thermoreflectance characterization of beta-Ga ₂ O ₃ thin-film nanostrips	OPTICS EXPRESS	2- Aug, 2010	3.278
30	Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Chiang, LF; Hosokawa, H; Wang, JY; Uesugi, T; Takigawa, Y; Higashi, K	王建義	Investigation on Dynamic Friction Properties of Extruded AZ31 Magnesium Alloy Using by Ring Upsetting Method	MATERIALS TRANSACTIONS	JUL,2010	0.795

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31	Materials Science, Coatings & Films; Physics, Applied	Chen, YJ; Jhan, GY; Cai, GL; Lin, CS; Wong, MS; Ke, SC; Lo, HH; Cheng, CL; Shyue, JJ	陳怡嘉* 翁明壽* 柯學初* 鄭嘉良	Identification of carbon sensitization for the visible-light photocatalytic titanium oxide	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	JUL-AUG, 2010	1.297
32		Lin, HY; Chen, KY; Ho, YH; Fang, JH; Hsu, SC; Lin, JR; Lee, JH; Wei, MK	魏茂國*	Luminance and image quality analysis of an organic electroluminescent panel with a patterned microlens array attachment	JOURNAL OF OPTICS	AUG, 2010	
33	Optics	Chen, KY; Hsiao, YT; Lin, HY; Wei, MK; Lee, JH	魏茂國	Partitioning pixel of organic light-emitting devices with center-hollowed microlens-array films for efficiency enhancement	OPTICS EXPRESS	30-Aug, 2010	3.278
34	Physics, Applied	Ho, CH; Wang, YP; Chan, CH; Huang, YS; Li, CH	何清華*	Temperature-dependent photoconductivity in beta-In2S3 single crystals	JOURNAL OF APPLIED PHYSICS	15-Aug, 2010	2.072
35	Chemistry, Physical; Physics, Atomic, Molecular & Chemical	Tung, HT; Song, JM; Feng, SW; Kuo, CS; Chen, IG	宋振銘	Dependence of surface atomic arrangement of titanium dioxide on metallic nanowire nucleation by thermally assisted photoreduction (vol 12, pg 740, 2010)	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2010	4.116
36	Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Song, JM; Cheng, YM; Tsai, CH	宋振銘*	Oxidation of liquid solders for die attachment	CORROSION SCIENCE	DEC, 2010	2.316
37	Engineering, Electrical & Electronic; Physics, Applied	Lin, YS; Jiang, JJ	林育賢*	Reduction of Turn-on, Knee, and Offset Voltages of InAlGaP/GaAs HBTs Using delta-Doping in the InAlGaP Emitter	IEEE TRANSACTIONS ON ELECTRON DEVICES	NOV, 2010	2.445