

NO	Subject Category	Author	作者	Title	Publication Name	Date Published	2009 IF
1	Optics	Wang, CM; Huang, HI; Pan, JW; Kuo, HZ; Hong, HF; Shin, HY; Chang, JY	王智明	Single stage transmission type broadband solar concentrator	OPTICS EXPRESS	21-Jun, 2010	3.278
2	Optics	Pan, JW; Tu, SH; Sun, WS; Wang, CM; Chang, JY	王智明	Integration of Non-Lambertian LED and Reflective Optical Element as Efficient Street Lamp	OPTICS EXPRESS	21-Jun, 2010	3.278
3	Optics	Chao, CC; Wang, CM; Chang, JY	王智明*	Spatial distribution of absorption in plasmonic thin film solar cells	OPTICS EXPRESS	24-May, 2010	3.278
4	Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Chao, CC; Tu, SH; Wang, CM; Huang, HI; Chen, CC; Chang, JY	王智明*	Impedance-Matching Surface Plasmon Absorber for FDTD Simulations	PLASMONICS	MAR,2010	3.723
5	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
6	Materials Science, Multidisciplinary; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Lin, CH; Liu, CW	林楚軒*	Metal-oxide-semiconductor SiGe/Si quantum dot infrared photodetectors with delta doping in different positions	THIN SOLID FILMS	1- Jan, 2010	1.727
7	Materials Science, Multidisciplinary; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Lin, CH	林楚軒*	Si/Ge/Si double heterojunction solar cells	THIN SOLID FILMS	1- Jan, 2010	1.727

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8	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
9	Engineering, Electrical & Electronic; Optics; Physics, Applied	Peng, PC; Lan, RL; Wu, FM; Lin, G; Lin, CT; Chen, J; Lin, GR; Chi, S; Kuo, HC; Chi, JY	祁錦雲	Polarization Characteristics of Quantum-Dot Vertical-Cavity Surface-Emitting Laser With Light Injection	IEEE PHOTONICS TECHNOLOGY LETTERS	1- Feb, 2010	1.815
10	Optics	Tu, SH; Wu, SY; Lee, YC; Pan, JW; Kuo, CH; Wang, CM; Chang, JY	王智明	Functional imprinting structures on GaN-based light-emitting diodes for light pattern modulation and light extraction efficiency enhancement	OPTICAL REVIEW	JUL,2010	0.529
11	Optics	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	
12	Chemistry, Analytical; Electrochemistry; Instruments & Instrumentation	Lin, CH; Liu, CW	林楚軒	Metal-Insulator-Semiconductor Photodetectors	SENSORS	OCT,2010	1.821
13	Chemistry, Physical; Materials Science, Multidisciplinary	Lin, YG; Hsu, YK; Chen, SY; Chen, LC; Chen, KH	徐裕奎	O-2 plasma-activated CuO-ZnO inverse opals as high-performance methanol microreformer	JOURNAL OF MATERIALS CHEMISTRY	2010	4.795