

NO	Subject Category	Author	作者	Title	Publication Name	Date Published	2009 IF
1	Physics, Condensed Matter	Agarwal, SK; Kumar, N; Panwar, N; Gahtori, B; Rao, A; Chang, PC; Kuo, YK	郭永綱	Structural, electrical and thermal studies of Nb-doped $\text{Pr}_{0.7}\text{Sr}_{0.3}\text{Mn}_{1-x}\text{Nb}_x\text{O}_3$ ($0 \leq x \leq 0.05$) manganites	SOLID STATE COMMUNICATIONS	APR, 2010	1.837
2	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Gandhi, AC; Hung, HJ; Shih, PH; Cheng, CL; Ma, YR; Wu, SY	吳勝允*. 鄭嘉良. 馬遠榮	In Situ Confocal Raman Mapping Study of a Single Ti-Assisted ZnO Nanowire	NANOSCALE RESEARCH LETTERS	MAR, 2010	2.894
3	Physics, Applied	Chakraborty, T; Gahtori, B; Soni, A; Okram, GS; Agarwal, SK; Chen, YS; Kuo, YK; Geetha; Rao, A; Sarkar, CK	郭永綱	Electrical and thermal properties of bulk superconductors $\text{Eu}_{0.95}\text{Pr}_{0.05}\text{Ba}_2(\text{Cu}_{1-x}\text{M}_x)_3\text{O}_{7-\delta}$ (M = Fe, Ni, Zn and Mn)	PHYSICAL C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1-Feb, 2010	0.723
4	Physics, Condensed Matter	Chakraborty, T; Gahtori, B; Ahsan, MAH; Geetha; Chen, YS; Kuo, YK; Rao, A; Sarkar, CK; Agrawal, SK	郭永綱	Thermal conductivity and thermo-power of $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2(\text{Cu}_{1-x}\text{M}_x)_3\text{O}_{7-\delta}$ (M = Fe, Mn, Zn and Ni) bulk superconductors	SOLID STATE COMMUNICATIONS	MAR, 2010	1.837
5	Biochemistry & Molecular Biology	Hung, CH; Hwang, HJ; Chen, YH; Chiu, YF; Ke, SC; Burnap, RL; Chu, HA	柯學初	Spectroscopic and Functional Characterizations of Cyanobacterium <i>Synechocystis</i> PCC 6803 Mutants on and near the Heme Axial Ligand of Cytochrome b(559) in Photosystem II	JOURNAL OF BIOLOGICAL CHEMISTRY	19-Feb, 2010	5.328
6	Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Huang, CY; Chatterjee, A; Liu, SB; Wu, SY; Cheng, CL	鄭嘉良*. 吳勝允	Photoluminescence properties of a single tapered CuO nanowire	APPLIED SURFACE SCIENCE	15-Mar, 2010	1.616
7	Chemistry, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Wu, CM; Li, CY; Kuo, YT; Wang, CW; Wu, SY; Li, WH	吳勝允	Quantum spins in Mackay icosahedral gold nanoparticles	JOURNAL OF NANOPARTICLE RESEARCH	JAN,2010	2.478

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8	Materials Science, Ceramics	Kuo, DH; Chou, CY; Kuo, YK	郭永綱. 郭東昊*	Phase Stabilization of a LaNiO ₃ Perovskite and the Electric Resistivity of its A/B-Site Substituted, Ni-Deficient La(Ni _{0.6} Fe _{0.3})O-3 Modifiers	INTERNATIONAL JOURNAL OF APPLIED CERAMIC TECHNOLOGY	2010	1.627
9	Physics, Condensed Matter	Hsu, CH; Chuang, FC; Albao, MA; Yeh, V	葉旺奇	Electronic structure of the Pb/Si(111)-(root 7x root 3) surface reconstruction: A first-principles study	PHYSICAL REVIEW B	JAN,2010	3.475
10	Physics, Condensed Matter	Sen, V; Bhalla, GL; Panwar, N; Syu, WK; Kaurav, N; Kuo, YK; Rao, A; Agarwal, SK	郭永綱*	Thermal properties of La _{2/3} Ba _{1/3} (Mn _{1-x} Sb _x)O-3 manganites	PHYSICAL REVIEW B-CONDENSED MATTER	1-Jan, 2010	1.056
11	Engineering, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Ji, JY; Shih, PH; Yang, CC; Chan, TS; Ma, YR; Wu, SY	吳勝允*. 馬遠榮	Spontaneous self-organization of Cu ₂ O/CuO core-shell nanowires from copper nanoparticles	NANOTECHNOLOGY	29-Jan, 2010	3.137
12	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Shih, PH; Wu, SY	吳勝允*	Magnetic Anisotropic Energy Gap and Strain Effect in Au Nanoparticles	NANOSCALE RESEARCH LETTERS	JAN,2010	2.894
13	Engineering, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Liu, KK; Zheng, WW; Wang, CC; Chiu, YC; Cheng, CL; Lo, YS; Chen, CP; Chao, JI	鄭嘉良*. 陳清漂*	Covalent linkage of nanodiamond-paclitaxel for drug delivery and cancer therapy	NANOTECHNOLOGY	6-Aug, 2010	3.137
14	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
15	Physics, Nuclear	Liu, CP	劉承邦*	Electric dipole moments of p, n, H-2(+), and He-3(2+)	NUCLEAR PHYSICS A	1-Nov, 2010	1.706
16	Chemistry, Multidisciplinary	Gopal, NO; Lo, HH; Sheu, SC;	柯學初*	A Potential Site for Trapping Photogenerated Holes on Rutile TiO ₂ Surface as Revealed by EPR	JOURNAL OF THE AMERICAN	18-Aug, 2010	8.58

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		Ke, SC		Spectroscopy: An Avenue for Enhancing Photocatalytic Activity	CHEMICAL SOCIETY		
17	Chemistry, Physical; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Wang, FH; Lin, TC; Tzeng, SD; Chou, CT	曾賢德	Field emission properties of carbon nanotube cathodes produced using composite plating	APPLIED SURFACE SCIENCE	1- Oct, 2010	1.616
18	Optics; Physics, Atomic, Molecular & Chemical	Chi, HC; Chou, HS	紀信昌*	Theoretical oscillator strengths for spin-allowed electric-dipole transitions in Zn-like ions	PHYSICAL REVIEW A	30-Sep, 2010	2.866
19	Astronomy & Astrophysics; Physics, Particles & Fields	Yin, SY; Wang, B; Mann, R; Lee, CO; Lin, CY; Su, RK	林子強	Stability of the warped black string with nontrivial topology in five-dimensional anti-de Sitter spacetime	PHYSICAL REVIEW D	20-Sep, 2010	4.922
20	Crystallography	Devan, RS; Lin, JH; Ho, WD; Wu, SY; Liou, Y; Ma, YR	吳勝允. 馬遠榮*	Investigation of high-temperature phase transformation in one-dimensional Ta2O5 nanorods	JOURNAL OF APPLIED CRYSTALLOGRAPHY	OCT, 2010	3.018
21	Biochemical Research Methods; Chemistry, Analytical; Chemistry, Physical; Spectroscopy	Zhou, XY; Zhu, ZQ; Xiong, CQ; Chen, R; Xu, WJ; Qiao, HX; Peng, WP; Nie, ZX; Chen, Y	彭文平	Characteristics of Stability Boundary and Frequency in Nonlinear Ion Trap Mass Spectrometer	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY	SEP, 2010	3.391
22	Physics, Applied	Hui, YY; Cheng, CL; Chang, HC	鄭嘉良*	Nanodiamonds for optical bioimaging	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2-Sep, 2010	2.083
23	Mathematical & Computational Biology	Lin, CC; Hsiang, JT; Wu, CY; Oyang, YJ; Juan, HF; Huang, HC	Hsiang, Jen-Tsung	Dynamic functional modules in co-expressed protein interaction networks of dilated cardiomyopathy	BMC SYSTEMS BIOLOGY	15-Oct, 2010	4.064
24	Physics, Applied	Fang, CP; Lue, CS; Hsu, YD; Kuo, YK	郭永綱	Electronic structures of AlB2-type superconducting YbGa1+xSi1-x alloys probed by NMR and Seebeck coefficient	JOURNAL OF APPLIED PHYSICS	1- Oct, 2010	2.072
25	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Abhyankar, AC; Yu, YT; Kuo, YK; Huang, GW; Lue, CS	郭永綱*	Thermal and transport properties of Ni2MnGa1-xAlx alloys	INTERMETALLICS	NOV, 2010	2.231

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26	Physics, Multidisciplinary	Wu, TH; Hsiang, JT; Lee, DS	李大興	Quantum Noise on a Point Charge from Electromagnetic Squeezed Vacuum Fluctuations	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	SEP, 2010	