

NO	Subject Category	Author	作者	Title	Publication Name	Date Published
1	Astronomy & Astrophysics; Physics, Particles & Fields	Charng, YY; Lee, DS; Leung, CN; Ng, KW	李大興	Affleck-Dine baryogenesis, split supersymmetry, and inflation	PHYSICAL REVIEW D	SEP,2009
2	Biochemistry & Molecular Biology; Biophysics	Chiu, YF; Lin, WC; Wu, CM; Chen, YH; Hung, CH; Ke, SC; Chu, HA	柯學初	Identification and characterization of a cytochrome b559 Synechocystis 6803 mutant spontaneously generated from DCMU-inhibited photoheterotrophical growth conditions	BIOCHIMICA ET BIOPHYSICA ACTA-BIOENERGETICS	OCT,2009
3	Chemistry, Physical	Maity, AN; Hsieh, CP; Huang, MH; Chen, YH; Tang, KH; Behshad, E; Frey, PA; Ke, SC	柯學初*	Evidence for Conformational Movement and Radical Mechanism in the Reaction of 4-Thia-L-lysine with Lysine 5,6-Aminomutase	JOURNAL OF PHYSICAL CHEMISTRY B	10-Sep, 2009
4	Chemistry, Physical; Materials Science, Multidisciplinary	Zheng, WW; Hsieh, YH; Chiu, YC; Cai, SJ; Cheng, CL; Chen, CP	陳清漂, 鄭嘉良*	Organic functionalization of ultradispersed nanodiamond: synthesis and applications	JOURNAL OF MATERIALS CHEMISTRY	2009
5	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Varghese, N; Vinod, K; Rao, A; Kuo, YK; Syamaprasad, U	郭永綱	Enhanced superconducting properties of bulk MgB2 prepared by in situ Powder-In-Sealed-Tube method	JOURNAL OF ALLOYS AND COMPOUNDS	20-Feb, 2009
6	Engineering, Biomedical; Materials Science, Biomaterials	Liu, KK; Wang, CC; Cheng, CL; Chao, JI	鄭嘉良	Endocytic carboxylated nanodiamond for the labeling and tracking of cell division and differentiation in cancer and stem cells	BIOMATERIALS	SEP,2009
7	Engineering, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Devan, RS; Ho, WD; Chen, CH; Shiu, HW; Ho, CH; Cheng, CL; Wu, SY; Liou, Y; Ma, YR	馬遠榮*, 吳勝允, 鄭嘉良, 何清華	High room-temperature photoluminescence of one-dimensional Ta2O5 nanorod arrays	NANOTECHNOLOGY	4-Nov, 2009
8	Engineering, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Deng, S; Fan, HM; Zhang, X; Loh, KP; Cheng, CL; Sow, CH; Foo, YL	鄭嘉良	An effective surface-enhanced Raman scattering template based on a Ag nanocluster-ZnO nanowire array	NANOTECHNOLOGY	29-Apr, 2009

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9	Instruments & Instrumentation; Materials Science, Multidisciplinary	Deshpande, NG; Gudage, YG; Devan, RS; Ma, YR; Lee, YP; Sharma, R	馬遠榮	Room-temperature gas sensing studies of polyaniline thin films deposited on different substrates	SMART MATERIALS & STRUCTURES	SEP,2009
10	Materials Science, Coatings & Films; Physics, Applied	Chou, PW; Wang, YS; Lin, CC; Chen, YJ; Cheng, CL; Wong, MS	翁明壽*, 鄭嘉良, 陳怡嘉	Effect of carbon and oxygen on phase transformation of titania films during annealing	SURFACE & COATINGS TECHNOLOGY	25-Dec, 2009
11	Materials Science, Coatings & Films; Physics, Applied	Chen, YJ; Wu, JM; Lin, CS; Jhan, GY; Wong, MS; Ke, SC; Lo, HH	柯學初, 翁明壽, 陳怡嘉*	Role of carbon in titania as visible-light photocatalyst prepared by flat-flame chemical vapor condensation method	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	JUL,2009
12	Materials Science, Multidisciplinary	Liu, CJ; Yang, TY; Wang, CH; Chien, CC; Chen, ST; Wang, CL; Leng, WH; Hwu, Y; Lin, HM; Lee, YC; Cheng, CL; Je, JH; Margaritondo, G	鄭嘉良	Enhanced photocatalysis, colloidal stability and cytotoxicity of synchrotron X-ray synthesized Au/TiO ₂ nanoparticles	MATERIALS CHEMISTRY AND PHYSICS	15-Sep, 2009
13	Materials Science, Multidisciplinary	Devan, RS; Ma, YR; Chougule, BK	馬遠榮	Effective dielectric and magnetic properties of (Ni-Co-Cu)ferrite/BTO composites	MATERIALS CHEMISTRY AND PHYSICS	15-May, 2009
14	Materials Science, Multidisciplinary	Chu, CD; Perevedentseva, E; Yeh, V; Cai, SJ; Tu, JS; Cheng, CL	鄭嘉良*	Temperature-dependent surface CO stretching frequency investigations of functionalized nanodiamond particles	DIAMOND AND RELATED MATERIALS	JAN,2009
15	Medicine, Research & Experimental	Cheng, CL; Sun, DS; Chu, WC; Tseng, YH; Ho, HC; Wang, JB; Chung, PH; Chen, JH; Tsai, PJ; Lin, NT; Yu, MS; Chang, HH	鄭嘉良	The effects of the bacterial interaction with visible-light responsive titania photocatalyst on the bactericidal performance	JOURNAL OF BIOMEDICAL SCIENCE	15-Jan, 2009
16	Optics	Huang, YL; Lee, YT; Yeh, V; Cheng, CL	鄭嘉良, 黃玉林*	Phonon confinement in individual titanium dioxide nanowires	JOURNAL OF LUMINESCENCE	DEC,2009
17	Optics; Physics, Atomic, Molecular & Chemical	Lin, CY; Lee, DS; Rivers, RJ	李大興, 林子強*	Nonuniversal behavior of cold Fermi condensates with narrow Feshbach resonances	PHYSICAL REVIEW A	OCT,2009
18	Physics, Applied	Lo, HH; Gopal, NO; Ke, SC	柯學初*	Origin of photoactivity of oxygen-deficient TiO ₂ under visible light	APPLIED PHYSICS LETTERS	24-Aug, 2009

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19	Physics, Applied	Lue, CS; Chou, MD; Kaurav, N; Chung, YT; Kuo, YK	郭永綱	Enhancement in the thermoelectric performance by Y substitution on SrSi2	APPLIED PHYSICS LETTERS	11-May, 2009
20	Physics, Applied	Kaurav, N; Chung, YT; Kuo, YK; Liu, RS; Chan, TS; Chen, JM; Lee, JF; Sheu, HS; Wang, XL; Dou, SX; Lee, SI; Shi, YG; Belik, AA; Yamaura, K; Takayama-Muromachi, E	郭永綱*	Crystal structure and electronic and thermal properties of TbFeAsO0.85	APPLIED PHYSICS LETTERS	11-May, 2009
21	Physics, Applied	Gahtori, B; Agarwal, SK; Chakraborty, T; Rao, A; Kuo, YK	郭永綱	Specific heat and correlation between resistivity and thermoelectric power of GdBa2(Cu1-xMnx)(3)O7-delta HTSC system for x <= 0.02	PHYSICAL C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1-Jan,2009
22	Physics, Condensed Matter	Huang, FT; Shu, GJ; Chu, MW; Kuo, YK; Lee, WL; Sheu, HS; Chou, FC	郭永綱	Sodium ion ordering of Na0.77CoO2 under competing multivacancy cluster, superlattice, and domain formation	PHYSICAL REVIEW B	OCT,2009
23	Physics, Condensed Matter	Chou, JP; Chen, HYT; Hsing, CR; Chang, CM; Cheng, C; Wei, CM	張俊明	13-atom metallic clusters studied by density functional theory: Dependence on exchange-correlation approximations and pseudopotentials	PHYSICAL REVIEW B	OCT,2009
24	Physics, Condensed Matter	Kaurav, N; Wu, KK; Kuo, YK; Shu, GJ; Chou, FC	郭永綱*	Seebeck coefficient of NaxCoO2: Measurements and a narrow-band model	PHYSICAL REVIEW B	FEB,2009
25	Physics, Multidisciplinary	He, X; Wang, B; Wu, SF; Lin, CY	林子強	Quasinormal modes of black holes absorbing dark energy	PHYSICS LETTERS B	16-Mar, 2009
26	Spectroscopy	Hong, ZC; Perevedentseva, E; Treschev, S; Wang, JB; Cheng, CL	鄭嘉良*	Surface enhanced Raman scattering of nano diamond using visible-light-activated TiO2 as a catalyst to photo-reduce nano-structured silver from AgNO3 as SERS-active substrate	JOURNAL OF RAMAN SPECTROSCOPY	AUG,2009