

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Biotechnology & Applied Microbiology; Science & Technology - Other Topics	Perevedentseva, E; Lin, YC; Jani, M; Cheng, CL	鄭嘉良*	Biomedical applications of nanodiamonds in imaging and therapy	NANOMEDICINE	DEC	2013
2	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Kumar, S; Paschoal, W; Johannes, A; Jacobsson, D; Borschel, C; Pertsova, A; Wang, CH; Wu, MK; Canali, CM; Ronning, C; Samuelson, L; Pettersson,	吳茂昆	Magnetic Polarons and Large Negative Magnetoresistance in GaAs Nanowires Implanted with Mn Ions	NANO LETTERS	NOV	2013
3	Physics	Lin, KC; Li, YS; Shen, YT; Wu, MK; Chi, CC	吳茂昆	Tunneling spectra and superconducting gaps observed by scanning tunneling microscopy near the grain boundaries of FeSe _{0.3} Te _{0.7} films	PHYSICAL C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	DEC	2013
4	Materials Science	Varshney, D; Mansuri, I; Shaikh, MW; Kuo, YK	郭永綱	Effect of Fe and Co doping on electrical and thermal properties of La _{0.5} Ce _{0.5} Mn _{1-x} (Fe, Co) _x O-3 manganites	MATERIALS RESEARCH BULLETIN	NOV	2013
5	Physics	Ma, WJ; Wang, SC; Chen, CN; Hu, CK	陳企寧	Crossover behavior of stock returns and mean square displacements of particles governed by the Langevin equation	EPL	JUN	2013
6	Materials Science; Physics	Dalavi, DS; Devan, RS; Patil, RS; Ma, YR;	馬遠榮	Electrochromic performance of sol-gel deposited NiO thin film	MATERIALS LETTERS	1-Jan	2013

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7	Physics	Chen, YJ; Jiang, MG; Luo, CW; Lin, JY; Wu, KH; Lee, JM; Chen, JM; Kuo, YK; Juang, JY; Mou, CY	郭永綱	Doping evolution of Zhang-Rice singlet spectral weight: A comprehensive examination by x-ray absorption spectroscopy	PHYSICAL REVIEW B	31-Oct	2013
8	Science & Technology - Other Topics	Patil, RA; Devan, RS; Lin, JH; Liou, Y; Ma, YR	馬遠榮*	An efficient methodology for measurement of the average electrical properties of single one-dimensional NiO nanorods	SCIENTIFIC REPORTS	29-Oct	2013
9	Chemistry	Maity, AN; Ke, SC	柯學初*	5-Fluorolysine as alternative substrate of lysine 5,6-aminomutase: A computational study	COMPUTATIONAL AND THEORETICAL CHEMISTRY	15-Oct	2013
10	Physics	Hsiang, JT; Lin, CY; Lee, DS; Rivers, RJ	李大興. 林子強	The role of causality in tunable Fermi gas condensates	JOURNAL OF PHYSICS-CONDENSED MATTER	9-Oct	2013
11	Materials Science	Mona, J; Kuo, CJ; Perevedentseva, E; Priezzhev, AV; Cheng, CL	鄭嘉良*	Adsorption of human blood plasma on nanodiamond and its influence on activated partial thromboplastin time	DIAMOND AND RELATED MATERIALS	OCT	2013
12	Microbiology	Hsueh, KL; Yu, LK; Chen, YH; Cheng, YH; Hsieh, YC; Ke, SC; Hung, KW; Chen, CJ; Huang, TH	柯學初	FeoC from Klebsiella pneumoniae Contains a [4Fe-4S] Cluster	JOURNAL OF BACTERIOLOGY	OCT	2013

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13	Science & Technology - Other Topics; Materials Science; Physics	Huang, GL; Jani, M; Huang, YL; Yeh, WCV	葉旺奇*, 黃玉林	Nanowire Assemblies of Carbon Containing Mixed Phase TiO ₂ and Their Visible Light Photocatalytic Activities	SCIENCE OF ADVANCED MATERIALS	OCT	2013
14	Physics	Shen, YT; Li, YS; Lin, KC; Wu, MK; Chi, CC	吳茂昆	Conductance spectrum and superconducting gap structures observed in c-axis FeSe _{0.46} Te _{0.54} /Au junctions	JOURNAL OF APPLIED PHYSICS	28-Sep	2013
15	Science & Technology - Other Topics; Materials Science; Physics	Shih, PH; Cheng, CL; Wu, SY	吳勝允*, 鄭嘉良	Short-range spin-phonon coupling in in-plane CuO nanowires: a low-temperature Raman investigation	NANOSCALE RESEARCH LETTERS	25-Sep	2013
16	Physics	Nath, C; Kumar, A; Syu, KZ; Kuo, YK	郭永綱	Heat conduction in conducting polyaniline nanofibers	APPLIED PHYSICS LETTERS	16-Sep	2013
17	Physics	Liu, HF; Kuo, CN; Lue, CS; Syu, KZ; Kuo, YK	郭永綱	Partially gapped Fermi surfaces in La ₃ Co ₄ Sn ₁₃ revealed by nuclear magnetic resonance	PHYSICAL REVIEW B	9-Sep	2013
18	Engineering; Instruments & Instrumentation	Tarwal, NL; Rajgure, AV; Inamdar, AI; Devan, RS; Kim, IY; Suryavanshi, SS; Ma, YR; Kim, JH; Patil, PS	馬遠榮	Growth of multifunctional ZnO thin films by spray pyrolysis technique	SENSORS AND ACTUATORS A-PHYSICAL	1-Sep	2013
19	Electrochemistry	Patil, DS; Pawar, SA; Devan, RS; Gang, MG; Ma, YR; Kim, JH;	馬遠榮	Electrochemical supercapacitor electrode material based on polyacrylic acid/polypyrrole/silver composite	ELECTROCHIMICA ACTA	30-Aug	2013

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20	Chemistry ; Science & Technology - Other Topics; Materials	Lai, CC; Ke, CP; Tsai, CN; Lo, CY; Shr, RC; Chen, MH	賴建智*. 陳美杏	Near-Field Lasing Dynamics of a Crystal-Glass Core-Shell Hybrid Fiber	JOURNAL OF PHYSICAL CHEMISTRY C	29-Aug	2013
21	Astronomy & Astrophysics;	Chen, JW; Liu, CP; Liu, CF; Wu, CL	劉承邦	Ionization of hydrogen by neutrino magnetic moment, relativistic muon, and WIMP	PHYSICAL REVIEW D	19-Aug	2013
22	Physics	Lue, CS; Kuo, CN; Huang, JY; Hsieh, HL; Liao, HY; Ramachandra	郭永綱	Enhancement of thermoelectric performance driven by Ge substitution in SrSi ₂ alloy	JOURNAL OF PHYSICS D-APPLIED PHYSICS	7-Aug	2013
23	Chemistry ; Science & Technology - Other Topics; Materials	Perevedentseva, E; Hong, SF; Huang, KJ; Chiang, IT; Lee, CY; Tseng, YT; Cheng, CL	鄭嘉良*. 黃國珍	Nanodiamond internalization in cells and the cell uptake mechanism	JOURNAL OF NANOPARTICLE RESEARCH	AUG	2013
24	Physics	Liu, CP	劉承邦*	On the Parametrization of Low-Energy Parity-Violating Observables	FEW-BODY SYSTEMS	AUG	2013
25	Materials Science; Physics	Jnaneshwara, DM; Avadhani, DN; Prasad, BD; Nagabhushana, BM; Nagabhushana, H; Sharma, SC; Shivakumara, C; Rao, JL; Gopal, NO; Ke, SC; Chakradhar, RPS	柯學初	Electron paramagnetic resonance, magnetic and electrical properties of CoFe ₂ O ₄ nanoparticles	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	AUG	2013

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26	Science & Technology - Other Topics; Materials Science; Physics	Lue, CS; Tseng, YS; Huang, JY; Hsieh, HL; Liao, HY; Kuo, YK	郭永綱*	Low lattice thermal conductivity suppressed by Sr-deficiency in $\text{Sr}_{0.9}\text{Ca}_{0.1}\text{Si}_2$	AIP ADVANCES	JUL	2013
27	Optics	Lai, CC; Cheng, NC; Wang, CK; Tjiu, JW; Lin, MY; Huang, SY	賴建智*	Simple and efficient defect-tailored fiber-based UV-VIS broadband white light generation	OPTICS EXPRESS	17-Jun	2013
28	Chemistry ; Science & Technology - Other Topics; Materials	Karmenyan, AV; Perevedentseva, E; Veres, M; Cheng, CL	鄭嘉良	Simultaneous Photoluminescence and SERS Observation of Nanodiamond at Laser Deposition on Noble Metals	PLASMONICS	JUN	2013
29	Materials Science; Optics	Hsu, KY; Yang, MH; Jheng, DY; Lai, CC; Huang, SL; Mennemann, K; Dietrich,	賴建智	Cladding YAG crystal fibers with high-index glasses for reducing the number of guided modes	OPTICAL MATERIALS EXPRESS	1-Jun	2013
30	Physics	Natti, ERT; Piza, AFRD; Lin, PLNCY; Lin, CY	林子強	Elementary Excitations of a Higgs-Yukawa System	BRAZILIAN JOURNAL OF PHYSICS	JUN	2013
31	Chemistry ; Materials Science	Parale, VG; Mahadik, DB; Kavale, MS; Rao, AV; Patil, RA; Ma, YR; Mullens, S; Vhatkar, RS	馬遠榮	Effect of aluminium and copper acetylacetonate on physico-chemical properties of tetraethoxysilane based silica aerogels	JOURNAL OF POROUS MATERIALS	JUN	2013

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32	Electrochemistry	Pawar, SA; Devan, RS; Patil, DS; Moholkar, AV; Gang, MG; Ma, YR; Kim, JH; Patil, PS	馬遠榮	Improved solar cell performance of chemosynthesized cadmium selenide pebbles	ELECTROCHIMICA ACTA	30-May	2013
33	Physics	Ramachandran, B; Tang, RC; Chang, PC; Kuo, YK; Chien, C; Wu, SK	郭永綱	Cu-substitution effect on thermoelectric properties of the TiNi-based shape memory alloys	JOURNAL OF APPLIED PHYSICS	28-May	2013
34	Chemistry	Xiong, CQ; Zhou, XY; Wang, JN; Zhang, N; Peng, WP; Chang, HC; Nie, ZX	彭文平	Ambient Aerodynamic Desorption/Ionization Method for Microparticle Mass Measurement	ANALYTICAL CHEMISTRY	7-May	2013
35	Energy & Fuels; Materials Science; Physics	Patil, RA; Devan, RS; Lin, JH; Ma, YR; Patil, PS; Liou, Y	馬遠榮*	Efficient electrochromic properties of high-density and large-area arrays of one-dimensional NiO nanorods	SOLAR ENERGY MATERIALS AND SOLAR CELLS	MAY	2013
36	Physics	Lue, CS; Liu, HF; Kuo, CN; Shih, PS; Lin, JY; Kuo, YK; Chu, MW; Hung, TL;	郭永綱	Investigation of normal and superconducting states in noncentrosymmetric Re ₂₄ Ti ₅	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	MAY	2013
37	Physics	Yang, H; Miao, HX; Lee, DS; Helou, B; Chen, YB	李大興	Macroscopic Quantum Mechanics in a Classical Spacetime	PHYSICAL REVIEW LETTERS	22-Apr	2013

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38	Biochemistry & Molecular Biology; Biophysics	Chiu, YF; Chen, YH; Roncel, M; Dilbeck, PL; Huang, JY; Ke, SC; Ortega, JM; Burnap, RL; Chu, HA	柯學初	Spectroscopic and functional characterization of cyanobacterium Synechocystis PCC 6803 mutants on the cytoplasmic-side of cytochrome b(559) in photosystem II	BIOCHIMICA ET BIOPHYSICA ACTA-BIOENERGETICS	APR	2013
39	Physics	Chou, JP; Hsing, CR; Wei, CM; Cheng, C; Chang, CM	張俊明	Ab initio random structure search for 13-atom clusters of fcc elements	JOURNAL OF PHYSICS-CONDENSED MATTER	27-Mar	2013
40	Physics	Chen, JW; Liu, CP; Yu, SH	劉承邦*	Near threshold proton-proton fusion in effective field theory	PHYSICS LETTERS B	26-Mar	2013
41	Physics	Mona, J; Perevedentseva, E; Karmenyan, A; Liou, HM; Kang, TY; Cheng, CL	鄭嘉良*	Tailoring of structure, surface, and luminescence properties of nanodiamonds using rapid oxidative treatment	JOURNAL OF APPLIED PHYSICS	21-Mar	2013
42	Engineering; Materials Science; Physics	Lin, YS; Lai, CC; Huang, SL	賴建智	High-resolution transmission electron microscopy analysis of the microstructures of Cr ⁴⁺ :Y ₃ Al ₅ O ₁₂ double-clad crystal fibers prepared by LHPG method	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	MAR	2013
43	Electrochemistry	Mali, SS; Devan, RS; Ma, YR; Betty, CA; Bhosale, PN; Panmand, RP; Kale, BB; Jadkar, SR; Patil, PS; Kim, JH;	馬遠榮	Effective light harvesting in CdS nanoparticle-sensitized rutile TiO ₂ microspheres	ELECTROCHIMICA ACTA	15-Feb	2013

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44	Chemistry ; Science & Technology - Other Topics; Materials Science;	Lin, JH; Lin, YR; Wen, TK; Devan, RS; Liou, Y; Ma, YR	馬遠榮*	Nanoscale Dynamic Behavior of Surface Magnetic Domains on a La _{0.7} Sr _{0.3} MnO ₃ Thin Film	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	FEB	2013
45	Chemistry ; Science & Technology - Other Topics; Materials Science;	Devan, RS; Lin, CL; Lin, JH; Wen, TK; Patil, RA; Ma, YR	馬遠榮*	Effective Photoluminescence in a Large-Area Array of Ta ₂ O ₅ Nanodots	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	FEB	2013
46	Materials Science	Wu, MK; Wang, MJ; Yeh, KW	吳茂昆*	Recent advances in beta-FeSe _{1-x} and related superconductors	SCIENCE AND TECHNOLOGY OF ADVANCED MATERIALS	FEB	2013
47	Physics	Hsiang, JT; Wu, TH; Lee, DS; King, SK; Wu, CH	李大興	Quantum noise in the mirror-field system: A field theoretic approach	ANNALS OF PHYSICS	FEB	2013
48	Physics	Lin, JH; Chiu, HC; Lin, YR; Wen, TK; Patil, RA; Devan, RS; Chen, CH; Shiu, HW; Liou, Y; Ma,	馬遠榮*	Electrical and chemical characteristics of probe-induced two-dimensional SiO _x protrusion layers	APPLIED PHYSICS LETTERS	21-Jan	2013

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49	Chemistry	Chen, YH; Maity, AN; Frey, PA; Ke, SC	柯學初*	Mechanism-based Inhibition Reveals Transitions between Two Conformational States in the Action of Lysine 5,6-Aminomutase: A Combination of Electron Paramagnetic Resonance Spectroscopy, Electron Nuclear Double Resonance Spectroscopy, and Density Functional Theory Study	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	16-Jan	2013
50	Physics	Lue, CS; Wong, SF; Huang, JY; Hsieh, HL; Liao, HY; Ramachandran, B; Kuo,	郭永綱	Chemical pressure effect on thermoelectric properties of Ca and Ba substituted SrSi ₂ alloys	JOURNAL OF APPLIED PHYSICS	7-Jan	2013
51	Chemistry ; Science & Technology - Other Topics; Materials Science;	Chang, HC; Chen, CH; Kuo, YK	郭永綱	Great enhancements in the thermoelectric power factor of BiSbTe nanostructured films with well-ordered interfaces	NANOSCALE		2013
52	Materials Science; Physics	Dalavi, DS; Devan, RS; Patil, RA; Patil, RS; Ma, YR; Sadale, SB; Kim, I; Kim, JH; Patil, PS	馬遠榮	Efficient electrochromic performance of nanoparticulate WO ₃ thin films	JOURNAL OF MATERIALS CHEMISTRY C		2013
53	Chemistry	Biswas, MK; Patra, SC; Maity, AN; Ke, SC; Weyhermüller, T; Ghosh,	柯學初	Asymmetric cleavage of 2,2'-pyridil to a picolinic acid anion radical coordinated to ruthenium(II): splitting of water to hydrogen	CHEMICAL COMMUNICATIONS		2013

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54	Chemistry	Biswas, MK; Patra, SC; Maity, AN; Ke, SC; Weyhermuller, T; Ghosh,	柯學初	9,10-Phenanthrenesemiquinone radical complexes of ruthenium(III), osmium(III) and rhodium(III) and redox series	DALTON TRANSACTIONS		2013
55	Chemistry	Kundu, S; Maity, S; Maity, AN; Ke, SC; Ghosh, P	柯學初	Stabilization of oxidovanadium(IV) by organic radicals	DALTON TRANSACTIONS		2013
56	Chemistry ; Energy & Fuels; Materials Science	Dalavi, DS; Devan, RS; Patil, RS; Ma, YR; Kang, MG; Kim, JH;	馬遠榮	Electrochromic properties of dandelion flower like nickel oxide thin films	JOURNAL OF MATERIALS CHEMISTRY A		2013
57	Chemistry	Tseng, YH; Utrecht, C; Yang, SC; Barendregt, A; Heck, AJR; Peng,	彭文平*	Game-Theory-Based Search Engine to Automate the Mass Assignment in Complex Native Electrospray Mass Spectra	ANALYTICAL CHEMISTRY	3-Dec	2013
58	Materials Science; Physics	Yu, SW; Yeh, WCV; Jou, JL; Lei, CM	葉旺奇	Synthesis and Characterization the Dielectric Properties of Cobalt Doping Hexagonal	FERROELECTRICS	1-Jan	2013