

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Materials Science	Darvaja, MD; Kumar, N; Gahtori, B; Awana, VPS; Geema, M; Rao, A; Thukaram, M; Agarwal, SK; Bhatt, RC; Tyagi, K; Woiz, M; Huang, YL; Seibt, M; Erwin, Xiong, CQ; Zhou, XY; Zhang, N; Zhan, LP; Chen, SM; Wang, JY; Peng, WP; Gu	Rao, A*. 郭永鋼	Electrical conduction and thermal properties of Bi-doped $\text{Pr}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ manganite	BULLETIN OF MATERIALS SCIENCE	FEB	2014
2	Physics	Geema, M; Rao, A; Thukaram, M; Agarwal, SK; Bhatt, RC; Tyagi, K; Woiz, M; Huang, YL; Seibt, M; Erwin, Xiong, CQ; Zhou, XY; Zhang, N; Zhan, LP; Chen, SM; Wang, JY; Peng, WP; Gu	郭永鋼	Electrical and thermal transport properties of $\text{Dy}_{0.95}\text{Pr}_{0.05}\text{Ba}_2(\text{Cu}_{1-x}\text{M}_x)(3)\text{O}-7-\delta$ with (M=Fe, Co, Ni and Zn) bulk superconductors	SOLID STATE COMMUNICATIONS	JUN	2014
3	Chemistry ; Physics	Woiz, M; Huang, YL; Seibt, M; Erwin, Xiong, CQ; Zhou, XY; Zhang, N; Zhan, LP; Chen, SM; Wang, JY; Peng, WP; Gu	黃玉林*	Epitaxial growth of gold on Si(001)	SURFACE SCIENCE	JUN	2014
4	Chemistry	Xiong, CQ; Zhou, XY; Zhang, N; Zhan, LP; Chen, SM; Wang, JY; Peng, WP; Gu	彭文平	Quantitative Assessment of Protein Adsorption on Microparticles with Particle Mass Spectrometry	ANALYTICAL CHEMISTRY	15-Apr	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
5	Materials Science; Physics	Osman, M; Lee, CH; Hung, DS; Lee, SF; Wang, CC; Luo, TT; Zhao, L; Wueg, MK; Lu, CH	吳茂昆	Intrinsic low dielectric behaviour of a highly thermally stable Sr-based metal-organic framework for interlayer dielectric materials	JOURNAL OF MATERIALS CHEMISTRY C		2014
6	Physics	Chen, JW; Chi, HC; Huang, KN; Liu, CP; Shiao, HT; Singh, L; Wong, HT; Wu, CH; Wu, JF	劉承邦*	Atomic ionization of germanium by neutrinos from an ab initio approach	PHYSICS LETTERS B	4-Apr	2014
7	Materials Science; Physics	Fang, JJ; Tsai, HW; Ni, IC; Tzeng, SD; Kuo, CN	陳美杏*, 曾賢德	The formation of interfacial wrinkles at the metal contacts on organic thin films	THIN SOLID FILMS	1-Apr	2014
8	Physics	Liu, HF; Lue, CS; Wang, LM; Chen, CC; Kuo, CN	郭永綱	Characteristics of the phase transition near 147 K in Sr3Ir4Sn13	PHYSICAL REVIEW B	27-Mar	2014
9	Astronomy & Astrophysics; Physics	Yeh, CP; Hsiang, JT; Lee, DS	葉振斌*, 李大興	Holographic approach to nonequilibrium dynamics of moving mirrors coupled to quantum critical theories	PHYSICAL REVIEW D	14-Mar	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
10	Electrochemistry	Pawar, SA; Devan, RS; Patil, DS; Burungale, VV; Bhat, TS; Mali, SS; Shin, SW; Ae, JE; Hong, CK; Ma, YR; Kim, JH; Patil, PS	馬遠榮	Hydrothermal growth of photoelectrochemically active titanium dioxide cauliflower-like nanostructures	ELECTROCHIMICA ACTA	20-Jan	2014
11	Science & Technology - Other Topics	Huang, SH; Ke, SC; Lin, TH; Huang, HB; Chen, YC	柯學初	Effect of C-Terminal Residues of A beta on Copper Binding Affinity, Structural Conversion and Aggregation	PLOS ONE	3-Mar	2014
12	Materials Science; Physics	Prasad, BD; Nagabhusana, H; Thyagarajan, K; Nagabhusana, BM; Jnaneshwara, DM; Sharma, SC; Shivakumara, C; Gopal, NO; Ke, SC; Chakradhar, PPS	柯學初	Magnetic and dielectric interactions in nano zinc ferrite powder: Prepared by self-sustainable propellant chemistry technique	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	MAY	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
13	Optics; Physics	Chi, HC; Chou, HS	紀信昌*	Oscillator strengths and lifetimes of Zn I and Ga II	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	14-Mar	2014
14	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering	Premkumar, HB; Sunitha, DV; Nagabhusana, H; Sharma, SC; Prasad, BD; Nagabhusana, BM; Shivakumara, C; Rao, JL; Gopal, NO; Prabhakara, KR; Ke, SC; Chakradhar, PDS	柯學初	Synthesis, structural and thermoluminescence properties of YAlO ₃ :Dy ³⁺ +nanophosphors	JOURNAL OF ALLOYS AND COMPOUNDS	5-Apr	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
15	Physics	Moreschini, L; Lin, PH; Lin, CH; Ku, W; Innocenti, D; Chang, YJ; Walter, AL; Kim, KS; Brouet, V; Yeh, KW; Wu, MK; Rotenberg, E; Bostwick, A; Grioni, M	吳茂昆	Consequences of Broken Translational Symmetry in $\text{FeSe}_{1-x}\text{Te}_x$	PHYSICAL REVIEW LETTERS	25-Feb	2014
16	Chemistry ; Science & Technology - Other Topics; Materials Science	Lo, HH; Gopal, NO; Sheu, SC; Ke, SC	柯學初*	Electron Paramagnetic Resonance Investigation of Charge Transfer in $\text{TiO}_2(\text{B})/\text{Anatase}$ and $\text{N-TiO}_2(\text{B})/\text{Anatase}$ Mixed-Phase Nanowires: The Relative Valence and Conduction Band Edges in H_2O and D_2O	JOURNAL OF PHYSICAL CHEMISTRY C	6-Feb	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
17	Physics	Chang, HH; Chang, CC; Chiang, YY; Luo, JY; Wu, PM; Tseng, CM; Lee, YC; Wu, YR; Hsieh, YT; Wen, MH; Wang, MJ; Wu, MK	吳茂昆	Growth and characterization of superconducting beta-FeSe type iron chalcogenide nanowires	SUPERCONDUCTOR SCIENCE & TECHNOLOGY	FEB	2014
18	Chemistry ; Materials Science; Metallurgy & Metallurgical Engineering	Prasad, BD; Nagabhushana, H; Thyagarajan, K; Nagabhushana, BM; Jnaneshwara, DM; Sharma, SC; Shivakumara, C; Gopal, NO; Ke, SC; Chakradhar, PPS	柯學初	Temperature dependent magnetic ordering and electrical transport behavior of nano zinc ferrite from 20 to 800 K	JOURNAL OF ALLOYS AND COMPOUNDS	25-Mar	2014
19	Chemistry ; Materials Science;	Daivajna, MD; Kumar, N;	郭永綱*	Electrical, magnetic and thermal properties of Pr _{0.6-x} BixSr _{0.4} MnO ₃ manganites	JOURNAL OF ALLOYS AND	5-Mar	2014
20	Science & Technology - Other Topics	Chen, TK; Chang, CC;	吳茂昆	Fe-vacancy order and superconductivity in tetragonal beta-Fe _{1-x} Se	PROCEEDINGS OF THE NATIONAL	7-Jan	2014

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21	Materials Science; Physics	Pawar, RP; Gaikwad, TG, SH,	吳勝允	Studies on $(\text{Sr}1-\text{x}\text{Ca}\text{x})\text{MnO}_5$ ($0.0 \leq x \leq 1.0$) ceramics having negative	JOURNAL OF MAGNETISM AND	MAR	2014
22	Science & Technology - Other Topics; Optics	Ruan, DG; Tzeng, SD; Ni, IC;	王智明*, 曾賢德	Optical properties of InGaN/GaN multiquantum wells light-emitting diode with one-dimensional Au nanoparticle grating	JOURNAL OF NANOPHOTONICS	25-Jun	2014
23	Chemistry ; Electrochemistry	Patil, DS; Pawar, SA; Devan, RS; Mali, SS; Gang, MG; Ma, YR; Hong, CK; Kim, JH; Patil, PS	馬遠榮	Polyaniline based electrodes for electrochemical supercapacitor: Synergistic effect of silver, activated carbon and polyaniline	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	15-Jun	2014
24	Chemistry	Feng, WP; Chou, SW; Patil, AA	彭文平*	Measuring masses of large biomolecules and bioparticles using mass spectrometric techniques	ANALYST		2014
25	Physics	Ramachandran, B; Chang, PC; Kuo, YK; Lue, CS	郭永綱	Electrical and thermal transport properties of intermetallic RCoGe_2 ($\text{R} = \text{Ce}$ and La) compounds	JOURNAL OF PHYSICS-CONDENSED MATTER	25-Jun	2014
26	Chemistry ; Science & Technology - Other Topics; Materials Science; Physics	Jiang, CW; Ni, IC; Tzeng, SD; Wu, CS; Kuo, WS	曾賢德	Identification of Mott insulators and Anderson insulators in self-assembled gold nanoparticles thin films	NANOSCALE	7-Jun	2014

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27	Physics	Hsu, CC; Pao, CW; Chen, JL; Chen, CL; Dong, CL; Liu, YS; Lee, JF; Chan, TS; Chang, CL; Kuo, YK; L	郭永綱	Effect of local atomic and electronic structures on thermoelectric properties of chemically substituted CoSi	EPL	MAY	2014
28	Chemistry ; Materials Science; Metallurgy & Metallurgical Engineering	Ramachandran, B; Syu, KZ; Kuo, YK; Gippius, AA; Shevelkov, AV; Verchenko, VY; Lue, CS	郭永綱	Thermoelectric performance of intermetallic FeGa3 with Co doping	JOURNAL OF ALLOYS AND COMPOUNDS	25-Sep	2014
29	Physics	Lee, MH; Chen, CH; Tseng, CM; Lue, CS; Kuo, YK; Yang, HD; Chu, MW	郭永綱	Concomitant charge-density-wave and unit-cell-doubling structural transitions in Dy5Ir4Si10	PHYSICAL REVIEW B	29-May	2014
30	Chemistry	Maity, AN; Chen, YH; Ke, SC	柯學初*	Large- Scale Domain Motions and Pyridoxal-5'-Phosphate Assisted Radical Catalysis in Coenzyme B-12-Dependent Aminomutases	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCE	FEB	2014

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31	Materials Science; Physics	Gaikwad, SS; Gandhi, AC; Pandit, SD; Pant, J; Chan, TS; Cheng, CL; Ma, YR; Wu, SY	吳勝允*. 鄭嘉良. 馬遠榮	Oxygen induced strained ZnO nanoparticles: an investigation of Raman scattering and visible photoluminescence	JOURNAL OF MATERIALS CHEMISTRY C	21-Sep	2014
32	Science & Technology - Other Topics; Materials Science	Lai, CC; Gao, WT; Nguyen, DH; Ma, YR; Cheng, NC; Wang, SC; Tjiu, JW; Huang, CM; Chen, JW; Chi, HC; Li, HB; Liu, CP; Singh, L; Wong, HT; Wu, CL; Wu, CB	賴建智*. 馬遠榮	Toward Single-Mode Active Crystal Fibers for Next-Generation High-Power Fiber Devices	ACS APPLIED MATERIALS & INTERFACES	27-Aug	2014
33	Astronomy & Astrophysics; Physics	Chen, JW; Chi, HC; Li, HB; Liu, CP; Singh, L; Wong, HT; Wu, CL; Wu, CB	劉承邦. 紀信昌	Constraints on millicharged neutrinos via analysis of data from atomic ionizations with germanium detectors at sub-keV sensitivities	PHYSICAL REVIEW D	24-Jul	2014
34	Materials Science; Physics	Patil, DS; Pawar, SA; Devan, RS; Ma, YR; Bae, WR; Kim, JH; Patil, PS	馬遠榮	Improved electrochemical performance of activated carbon/polyaniline composite electrode	MATERIALS LETTERS	15-Feb	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
35	Physics	Yang, IC; Huang, WK	Huang, Wen-Kuei	The thermodynamical properties of charged dilaton-axion black hole and its quasi-localized energy	MODERN PHYSICS LETTERS A	30-Jul	2014
36	Physics	Wu, SY; Ji, JY; Shih, PH; Gandhi, AC; Chan, TS	吳勝允*	Proteresis of Cu ₂ O/CuO core-shell nanoparticles: Experimental observations and theoretical considerations	JOURNAL OF APPLIED PHYSICS	21-Nov	2014
37	Physics	Lin, KH; Wang, KJ; Chang, CC; Wen, YC; Tsai, DH; Wu, YR; Hsieh, YT; Wang, MJ; Lv, B; Chu, PCW; Wu, MJ	吳茂昆	Observation of pseudogaplike feature above T _c in LiFeAs by ultrafast optical spectroscopy	PHYSICAL REVIEW B	7-Nov	2014
38	Science & Technology - Other Topics	Lin, JH; Patil, RA; Devan, RS; Liu, ZA; Wang, YP; Ho, CH; Liou, Y; Ma, YR	馬遠榮*	Photoluminescence mechanisms of metallic Zn nanospheres, semiconducting ZnO nanoballoons, and metal-semiconductor Zn/ZnO nanospheres	SCIENTIFIC REPORTS	10-Nov	2014
39	Physics	Nam, C; Kumar, A; Kuo, YK; Okram, GS	郭永綱	High thermoelectric figure of merit in nanocrystalline polyaniline at low temperatures	APPLIED PHYSICS LETTERS	29-Sep	2014

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40	Materials Science; Physics	Lin, JH; Patil, RA; Wu, MA; Yu, LG; Liu, KD; Gao, WT; Devan, RS; Ho, CH; Liou, Y; Ma, YR	馬遠榮*	Large-area nanoscale farmland-like surfaces of one-dimensional NbO ₂ nanorods with multi-growth directions: studies on the purple-blue photoluminescence and low-field electron emissions	JOURNAL OF MATERIALS CHEMISTRY C		2014
41	Engineering; Materials Science; Physics	Bhat, TS; Devan, RS; Mali, SS; Kamble, AS; Pawar, SA; Kim, IY; Ma, YR; Hong, CK; Kim, JH; Patil, PS	馬遠榮	Photoelectrochemically active surfactant free single step hydrothermal mediated titanium dioxide nanorods	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	OCT	2014
42	Engineering; Physics	Yang, CC; Hsu, TW; You, SS; Ding, JJ; Shih, WJ; Chen, YU; Li, YS	吳茂昆	Size Effect on Multiferroic HoMn ₂ O ₅ Nanorods	IEEE TRANSACTIONS ON MAGNETICS	NOV	2014
43	Science & Technology - Other Topics; Materials Science; Physics	Chang, CP; Yang, CP; Lin, CT; Ma, YR; Chen, CC	余英松*, 馬遠榮	Characterization and density control of GaN nanodots on Si (111) by droplet epitaxy using plasma-assisted molecular beam epitaxy	NANOSCALE RESEARCH LETTERS	17-Dec	2014

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44	Physics	Hsing, CR; Cheng, C; Chou, JP; Chang, CM; Wei, CM	張俊明	Van der Waals interaction in a boron nitride bilayer	NEW JOURNAL OF PHYSICS	7-Nov	2014
45	Electrochemistry	Pawar, SA; Patil, DS; Patil, SK; Awale, DV; Devan, RS; Ma, YR; Kolekar, SS; Kim, JH; Patil, PS	馬遠榮	Thiocyanate functionalized ionic liquid electrolyte for photoelectrochemical study of cadmium selenide pebbles	ELECTROCHIMICA ACTA	1-Dec	2014
46	Science & Technology - Other Topics; Materials Science; Physics	Hsiao, HT; Ni, IC; Tzeng, SD; Lin, WF; Lin, CH	林楚軒*. 曾賢德	The n-type Ge photodetectors with gold nanoparticles deposited to enhance the responsivity	NANOSCALE RESEARCH LETTERS	27-Nov	2014
47	Physics	Wu, SY; Hsu, CH; Yeh, WCV; Lin, H; Chuang, FC; Kuo, CC	葉旺奇	Stable structure of high In coverage on Si(111)-alpha-root 3 x root 3-Au	PHYSICAL REVIEW B	2-Dec	2014