

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Sharma, V; Okram, GS; Kuo, YK	郭永綱	Metal to insulator transition, colossal Seebeck coefficient and large violation of Wiedemann-Franz law in nanoscale granular nickel	NANOTECHNOLOGY	JAN 15	2023
2	Materials Science, Ceramics	Kanwar, K; Chen, BR; Kuo, YK; Panwar, N	郭永綱*	A study on the structural, optical, magnetization reversal and bipolar magnetic switching behavior of SmCr _{0.85} Mn _{0.15} O ₃ nanoparticles	CERAMICS INTERNATIONAL	JAN 15	2023
3	Physics, Multidisciplinary	Stampfl, APJ; Liu, ZD; Hu, J; Sawada, K; Takano, H; Kohmura, Y; Ishikawa, T; Lim, JH; Je, JH; Low, CM; Teo, A; Tok, ES; Tan, TW; Ban, K; Libedinsky, C; Tan, FCK; Chen, KP; Yang, AC; Chuang, CC; Chen, NY; Shih, CT; Lee, TK; Yang, DN; Lai, HC; Shuai, HH; Cheng, CC; Ching, YT; Li, CW; Chang, CC; Lo, CC; Chiang, AS; Recur, B; Petibois, C; Cheng, CL; Chen, HH; Yang, SM; Hwu, Y; Rojviriya, C; Rugmai, S; Rujirawat, S;	鄭嘉良	SYNAPSE: An international roadmap to large brain imaging	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	FEB 9	2023
4	Materials Science, Multidisciplinary; Optics	Jose, LM; George, NS; Kadam, SA; Athira, S; Kripa, A; Aravind, A; Ma, YR; Chen, YR	馬遠榮	Insight into the adsorption, photocatalytic and magnetic properties of bandgap tailored hydrothermally grown SnO ₂ :Ni/Cu nanostructures	OPTICAL MATERIALS	JAN	2023

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5	Mathematics, Applied; Physics, Mathematical	Pan, YR; Hsiao, P; Chang, CY; Ma, WJ; Hsiao, H; Lin, PJ; Wang, SC; Yang, HJ; Chi, TT; Hu, CK	胡進錕*	Universality and scaling in complex networks from periods of Chinese history	CHAOS	JAN	2023
6	Chemistry, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Koli, VB; Murugan, G; Ke, SC	柯學初*	Self-Assembled Synthesis of Porous Iron-Doped Graphitic Carbon Nitride Nanostructures for Efficient Photocatalytic Hydrogen Evolution and Nitrogen Fixation	NANOMATERIALS	JAN	2023
7	Engineering, Electrical & Electronic; Materials Science, Multidisciplinary; Physics, Applied; Physics, Condensed Matter	Mukherjee, B; Chotia, C; Venkatesh, R; Kuo, YK; Okram, GS	郭永綱	Improved thermoelectric figure of merit in polyol method prepared (Cu ₇ Te ₄)(1-x)(MnTe ₂) _x (x ≤ 0.06) nanocomposites	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	JAN	2023
8	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Hingangavkar, GM; Kadam, SA; Ma, YR; Mulik, RN; Patil, VB	馬遠榮	Highly selective and sensitive MoS ₂ nano-sensor for H ₂ S detection	JOURNAL OF ALLOYS AND COMPOUNDS	APR 25	2023
9	Materials Science, Multidisciplinary; Physics, Condensed Matter	Veena, VS; Yadav, HJA; Kubrin, SP; Ubaidullah, M; Al-Enizi, AM; Pandit, B; Gill, HS; Manjunatha, K; Angadi, VJ	Manjunatha, K.	Structure, microstructure, magnetic and low temperature Mössbauer spectroscopy studies of Bismuth substituted zinc ferrite composite	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	APR 1	2023

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10	Engineering, Electrical & Electronic; Materials Science, Multidisciplinary; Physics, Applied; Physics, Condensed Matter	Bhoomika, RB; Gurukrishna, K; Madhukar, NP; Shanubhogue, UD; Rao, AS; Huang, RY; Kuo, YK; Nagaraja, KK	郭永綱	BiCuSeO/GdH ₂ thermoelectric composite: a p-type to n-type promoter with superior charge transport	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	MAR	2023
11	Chemistry, Multidisciplinary; Physics, Condensed Matter	Pal, A; Prasad, KS; Gurukrishna, K; Mangavati, S; Poornesh, P; Rao, A; Chung, YC; Kuo, Y	郭永綱*	Enhancement of low-temperature thermoelectric performance via Pb doping in Cu ₃ SbSe ₄	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS	APR	2023
12	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Angadi, VJ; Chethan, B; Pattar, V; Shigihalli, NB; Patil, SA; Ubaidullah, M; Sehgal, SS; Prakash, C; Manjuantha, S; Manjunatha, K	Manjunatha, K.	Graphene-Cobalt chromate ceramics composite for humidity sensor Applications	JOURNAL OF ALLOYS AND COMPOUNDS	JUN 25	2023
13	Chemistry, Physical; Materials Science, Multidisciplinary; Metallurgy & Metallurgical Engineering	Bag, P; Lin, Y; Kuo, Y; Kuo, C; Lue, C	郭永綱*	Physical properties of the full Heusler-type Ru ₂ -xFe _x NbAl (x=0.0 0-0.50) alloys	JOURNAL OF ALLOYS AND COMPOUNDS	JUN 5	2023
14	Chemistry, Physical; Physics, Atomic, Molecular &	George, NS; Kadam, SA; Sreehari, S; Jose, LM; Ma, YR; Aravind, A	馬遠榮	Inquest on photocatalytic and antibacterial traits of low composition Cu doped ZnO nanoparticles	CHEMICAL PHYSICS LETTERS	MAR 16	2023

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
15	Chemistry, Analytical; Electrochemistry	Kitchamsetti, N; Samtham, M; Singh, D; Choudhary, E; Rondiya, SR; Ma, YR; Cross, RW; Dzade, NY;	馬遠榮	Hierarchical 2D MnO ₂ @1D mesoporous NiTiO ₃ core-shell hybrid structures for high-performance supercapattery electrodes: Theoretical and experimental investigations	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	MAY 1	2023
16	Physics, Atomic, Molecular & Chemical	Astafiev, AA; Shakhov, AM; Osychenko, AA; Martirosyan, DY; Tochilo, WA; Zalessky, AD; Syrchina, MS; Karmenyan, AV; Cheng, CL; Nadochenko, VA	鄭嘉良	Femtosecond Laser Microsurgery of Mouse Oocytes: Formation and Dynamics of Cavitation Bubbles Under the Action of Sharply Focused Laser Radiation on Various Oocyte Zones	RUSSIAN JOURNAL OF PHYSICAL CHEMISTRY B	FEB	2023
17	Nanoscience & Nanotechnology; Materials Science, Biomaterials	Deshmukh, S; Pawar, K; Koli, V; Pachfule, P	Koli, V	Emerging Graphitic Carbon Nitride-based Nanobiomaterials for Biological Applications	ACS APPLIED BIOMATERIALS	APR 17	2023
18	Chemistry, Multidisciplinary; Crystallography; Materials Science, Multidisciplinary	Mukherjee, B; Chatterjee, R; Tarachand; Lakhani, A; Lalla, NP; Hussain, S; Kuo, YK; Okram, GS	郭永綱	Improved Thermoelectric Figure of Merit in Polyol Method-Prepared Cu _{1-x} Bi _x S (X? 0.06) Nanosheets	CRYSTAL GROWTH & DESIGN	MAY 3	2023
19	Electrochemistry	Wei, CC; Wu, TH; Huang, JW; Young, BL; Jian, WB; Lin, YL; Chen, JT; Hsu, CS; Ma, YR; Tsukagoshi, K	馬遠榮	Nanoparticulate films of WO ₃ and MoO ₃ composites for enhancing UV light electrochromic transmittance variation and energy storage applications	ELECTROCHIMICA ACTA	FEB 20	2023
20	Polymer Science	Kalaburgi, B; Krushna, BRR; Subramanian, B; Prasad, BD; Manjunatha, K; Wu, SY; Shetty, A;	吳勝允	Orange-red emitting MoO ₃ :Sm ³⁺ +transparent nano-composite films for anti-counterfeiting and data secure applications	EUROPEAN POLYMER JOURNAL	JUN 13	2023

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21	Green & Sustainable Science & Technology; Materials Science, Multidisciplinary	Chandana, MR; Krushna, BRR; Malleshappa, J; Manjunatha, K; Hsu, TE; Wu, SY; Sharma, SC; Prasad, BD; Subramanian, B; Nagabhushana, H	吳勝允*	Simple fabrication of novel Sm ³⁺ -doped BaGd ₂ ZnO ₅ nanophosphors for flexible displays, improved data security applications, and solid- state lighting applications	MATERIALS TODAY SUSTAINABILITY	JUN	2023
22	Chemistry, Analytical	Patil, AA; Liu, ZX; Chiu, YP; Lai, TKL; Chou, SW; Cheng, CY; Su, WM; Liao, HT; Benedict, J; Peng, WP	彭文平*.蘇玟珉	Development of a linear ion trap mass spectrometer capable of analyzing megadalton MALDI ions	TALANTA	JUL 1	2023
23	Spectroscopy	Badgular, PM; Lin, YC; Lin, ZR; Lin, MD; Cheng, CL	鄭嘉良*	Raman spectroscopic signals of carotenoid distribution during stages of cell growth of unicellular organisms and plant cells	JOURNAL OF RAMAN SPECTROSCOPY	MAY 14	2023
24	Materials Science, Multidisciplinary	Swathi, BN; Krushna, BRR; Manjunatha, K; Wu, SY; Subramanian, B; Prasad, BD; Nagabhushana, H	吳勝允	Papers Single phased vivid red-emitting CaLa ₂ ZnO ₅ :Eu ³⁺ +nanophosphor: WLEDs, visualization of latent fingerprints and anti-counterfeiting applications	MATERIALS RESEARCH BULLETIN	SEP	2023
25	Electrochemistry	Basheer, SM; Kumar, SLA; Sarathi, N; Rasin, P; Kumar, MS; Muralisankar, M; Sreekanth, A	Muralisankar, M	Reinforced corrosion resistance of mild steel in acidic medium by bis(2-acetylpyridine)dithiosemicarbazone (DTSc): electrochemical, surface and spectroscopic studies	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	APR 24	2023
26	Chemistry, Physical; Electrochemistry	Haldar, KK; Ahmed, I; Biswas, R; Mete, S; Patil, RA; Ma, YR	馬遠榮	Efficient MoS ₂ /V ₂ O ₅ Electrocatalyst for Enhanced Oxygen and Hydrogen Evolution Reactions	ELECTROCATALYSIS	APR 29	2023
27	Astronomy & Astrophysics; Physics, Particles & Fields	Syu, WC; Lee, DS	李大興	Analogous Hawking radiation from gapped excitations in a transonic flow of binary Bose-Einstein condensates	PHYSICAL REVIEW D	APR 28	2023

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28	Chemistry, Physical	Sreedhara, R; Krushna, BRR; Prasad, BD; Subramanian, B; Manjunatha, K; Wu, SY; Shetty, A; Nagabhushana, H	吳勝允	A cost-effective intense blue colour cobalt doped gahnite pigment for latent finger print, cheiloscropy and anti-counterfeiting applications	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	APR 20	2023
29	Materials Science, Multidisciplinary; Physics, Applied	Patil, SS; Deore, KB; Narwade, VN; Peng, WP; Hianik, T; Shirsat, MD	彭文平	Ultrasensitive and Selective Electrochemical Sensor Based on Yttrium Benzenetricarboxylate Porous Coordination Polymer (Y-BTC) for Detection of Pb ²⁺ from Bio-Analytes	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	MAY 1	2023
30	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary; Physics, Applied	Abbas, SJ; Yesmin, S; Xia, FF; Ali, SI; Xiao, ZY; Tan, WH	Yesmin, S	Oligonucleotide nanoassemblies with allyl bromide scaffold-based small molecules	DISCOVER NANO	JUN 3	2023
31	Materials Science, Multidisciplinary; Optics	Huong, VH; Nguyen, V; Ha, MN; Van Pham, D; Nguyen, TB; Ma, YR; Ngac, AB; Loan, TT	馬遠榮	A S-scheme heterojunction Fe-doped TiO ₂ /SnO ₂ with rich oxygen vacancies for photo-Fenton degradation of Rhodamine B under visible light illumination	OPTICAL MATERIALS	JUN	2023
32	Materials Science, Multidisciplinary; Optics	Peheliwa, VM; Lu, KC; Hasibuan, DP; Saragih, CS; Maria, CCS; Chen, YR; Patil, RA; Lai, CC; Jian, WB; Wu, MK; Ma, YR	馬遠榮*.賴建智	Layer-Dependent Optical Modulation and Field-Effect-Transistor in Two-Dimensional 4H-SnS ₂ Layers	ADVANCED OPTICAL MATERIALS	JUN 23	2023
33	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Manjunatha, K; Chiu, HH; Ho, MK; Hsu, TE; Yu, SL; Chin, CE; Cheng, CL; de Oliveira, MC; Longo, E; Ribeiro, RAP; Nagabhushana, H; Wu, SY	吳勝允*.鄭嘉良	Mg-Doped CoCr ₂ O ₄ Nanoparticles: Implications for Magnetic Memory and Magnetocaloric Effect	ACS APPLIED NANO MATERIALS	JUN 20	2023

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34	Materials Science, Biomaterials	Swathi, BN; Krushna, BRR; Manjula, MV; Manjunatha, K; Devaraja, S; Ho, MK; Chiu, HH; Wu, SY; Subramanian, B; Nagabhushana, H	吳勝允*	Potential applications of Fe ³⁺ -activated Sr ₉ Al ₆ O ₁₈ nanophosphors for fingerprint detection, oxidative stress, and thrombosis treatment	BIOMATERIALS ADVANCES	AUG	2023
35	Engineering, Electrical & Electronic; Materials Science, Multidisciplinary; Physics, Applied; Physics, Condensed Matter	Kadam, GA; Patil, SA; Patil, BB; Kumbhar, SS; Kumbhar, SS; Madake, SB; Kadam, LD; Ma, YR; Kadam, SA; Nimat, RK	馬遠榮	Dielectric behavior and phase transition of La ₂ Mo ₂ O ₉ films synthesized by spray pyrolysis technique	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	FEB	2023
36	Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Manjunatha, K; Zhang, H; Chiu, HH; Ho, MK; Hsu, TE; Yu, SL; Maruthi, NS; Cheng, CL; Matteppanavar, S; Wu, SY	吳勝允*.鄭嘉良	Magnetic Memory and the Promising Magnetocaloric Effect of Sn _{0.6} Cr _{0.1} Ge _{0.3} Te Solid Solution Synthesized by Sealed Tube Solid-State Reaction	JOURNAL OF PHYSICAL CHEMISTRY C	JUL 20	2023
37	Astronomy & Astrophysics; Physics, Nuclear; Physics, Particles & Fields	Dai, DC; Stojkovic, D	戴德昌*	Separating the superradiant emission from the Hawking radiation from a rotating black hole	PHYSICS LETTERS B	AUG 10	2023

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38	Engineering, Electrical & Electronic; Materials Science, Multidisciplinary; Physics, Applied; Physics, Condensed Matter	Murugan, G; Nath, RR; Ramacharyulu, PVRK; Maity, AN; Koli, VB	Koli, VB*	Constructing BiOI-BiOBr/TiO ₂ nanocomposites by using a double solvothermal method for enhanced photocatalytic activity under visible light irradiation	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	AUG	2023
39	Biochemistry & Molecular Biology; Chemistry, Multidisciplinary	Muralisankar, M; Chen, JR; Haribabu, J; Ke, SC	柯學初*	Effective and Selective Ru(II)-Arene Complexes Containing 4,4 & PRIME;-Substituted 2,2 & PRIME; Bipyridine Ligands Targeting Human Urinary Bladder Cancer Cells	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	AUG	2023
40	Energy & Fuels	Kadam, SA; Kate, RS; Peheliwa, VM; Shingate, SA; Maria, CCS; Ma, YR	馬遠榮*.Kadam, SA*	A comprehensive review on transition metal nitrides electrode materials for supercapacitor: Syntheses, electronic structure engineering, present perspectives and future aspects	JOURNAL OF ENERGY STORAGE	NOV 15	2023
41	Chemistry, Multidisciplinary; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Sun, JY; Nguyen, DH; Liu, JM; Lo, CY; Ma, YR; Chen, YJ; Yi, JY; Huang, JZ; Giap, H; Nguyen, HYT; Liao, CD; Lin, MY; Lai, CC	賴建智*.馬遠榮. 陳怡嘉	On-Chip Monolithically Integrated Ultraviolet Low-Threshold Plasmonic Metal-Semiconductor Heterojunction Nanolasers	ADVANCED SCIENCE	AUG 9	2023
42	Materials Science, Multidisciplinary	Gurukrishna, K; Rao, AS; Prasad, KS; Wang, YC; Kuo, YK	郭永綱*	Superior thermoelectric performance in non-stoichiometric Cu ₃ SbSe ₄ system: Towards synergistic optimization of carrier and phonon transport	MATERIALS RESEARCH BULLETIN	NOV	2023

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43	Chemistry, Physical	Girisha, HR; Krushna, BRR; Manjunatha, K; Wu, SY; Ho, MK; Sharma, SC; Prasad, BD; Subramanian, B; Kumar, JBP; Nagabhushana, H	吳勝允	Stimuli-responsive color-tunable BaLa ₂ ZnO ₅ :Bi ³⁺ +phosphor for the encryption and authentication of security patterns and latent fingerprint detection	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	JUN 5	2023
44	Engineering, Environmental; Engineering, Chemical	Hingangavkar, GM; Kadam, SA; Ma, YR; Bandgar, SS; Mulik, RN; Patil, VB	馬遠榮	MoS ₂ -GO hybrid sensor: A discerning approach for detecting harmful H ₂ S gas at room temperature	CHEMICAL ENGINEERING JOURNAL	SEP 15	2023
45	Chemistry, Physical; Energy & Fuels; Materials Science, Multidisciplinary	Mukherjee, B; Tarachand; Lakhani, A; Okram, GS; Kuo, YK	郭永綱	Impact of Copper Intercalation on Thermoelectric Properties in Polyol Method-Prepared Cu _x Bi ₂ Se ₃ , x=0, 0.05, 0.10, and 0.15 Nanosheets	ACS APPLIED ENERGY MATERIALS	AUG 17	2023
46	Materials Science, Multidisciplinary	Mangavati, S; Rao, AS; Pal, A; Kuo, YK	郭永綱	The role of hetero-interface structures in enhancing the power factor of Cu ₂ Se/x% Y ₂ O ₃ composite thermoelectric materials	MATERIALS RESEARCH BULLETIN	OCT	2023
47	Materials Science, Multidisciplinary	Bag, P; Lee, YS; Chen, JY; Kuo, YK; Wu, SK	郭永綱*	Comparative study of physical properties of Ti _{50-x} Ni _{48+x} Fe ₂ (x=0.0-2.0) shape memory alloys after solution treating and aging at 450 degrees C	PHYSICAL REVIEW MATERIALS	AUG 22	2023
48	Green & Sustainable Science & Technology; Materials Science, Multidisciplinary	Girisha, HR; Krushna, BRR; Manjunatha, K; Chiu, HH; Ho, MK; Wu, SY; Subramanian, B; Nagabhushana, H	吳勝允*	Optimized Tb ³⁺ -activated highly efficient green-emitting BaLa ₂ ZnO ₅ nanophosphors in PDMS matrix for flexible display, anti-counterfeiting, and dermatoglyphics applications	MATERIALS TODAY SUSTAINABILITY	DEC	2023

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49	Materials Science, Multidisciplinary	Narasimhamurthy, KN; Krushna, BRR; Manjunatha, K; Chiu, HH; Subramanian, B; Wu, SY; Shetty, A; Nagabhushana,	吳勝允*	Novel intense blue emitting Bi ₂ Zr ₂ O ₇ :Ce ³⁺ nanocomposites insertion into flexible polymer films for anti-counterfeiting, long-term storage fingerprints, and display device applications	MATERIALS TODAY COMMUNICATIONS	DEC	2023
50	Materials Science, Multidisciplinary; Materials Science, Coatings & Films; Physics, Applied; Physics, Condensed Matter	Selvam, R; Gandhi, A; Hung, SC; Karmenyan, AV; Perevedentseva, E; Yeh, WC; Wu, SY; Chang, HH; Cheng, CL	鄭嘉良*.吳勝允. 葉旺奇	Multifunctional ferromagnetic nanodiamond for dual-mode fluorescence imaging and magnetic drug targeting	DIAMOND AND RELATED MATERIALS	NOV	2023
51	Materials Science, Multidisciplinary; Physics, Applied	Maria, CCS; Wu, PH; Hasibuan, DP; Saragih, CS; Giap, H; Nguyen, DH; Chen, YR; Patil, RA; Pham, DV; Shen, JL; Lai, CC; Wu, MK; Ma, YR	馬遠榮*.賴建智	Efficient van der Waals layered gallium telluride-based passive photodetectors for low-power-density sensing of visible light	JOURNAL OF MATERIALS CHEMISTRY C	OCT 26	2023
52	Chemistry, Multidisciplinary; Crystallography; Materials Science, Multidisciplinary	Das, S; Paul, S; Sen, B; Prathapa, SJ; Abbas, SJ; Chattopadhyay, AP; Ali, SI	Abbas, Sk Jahir	Design, Synthesis, Crystal Structure, and Thermal Studies of Ni _{0.779} SbF ₃ (SO ₄): A New Electrode Material for Electrochemical Supercapacitors	CRYSTAL GROWTH & DESIGN	OCT 18	2023
53	Astronomy & Astrophysics; Physics, Particles & Fields	Dai, DC; Stojkovic, D	戴德昌*	Shedding new light on the absence of fermionic superradiance and the maximal infalling rate of fermions into a black hole	PHYSICAL REVIEW D	OCT 11	2023
54	Materials Science, Ceramics	Hingangavkar, GM; Kadam, SA; Ma, YR; Bandgar, SS; Mulik, RN;	馬遠榮	Tailored formation of WO ₃ -rGO nanohybrids for dependable low temperature NO ₂ sensing	CERAMICS INTERNATIONAL	DEC 1	2023

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55	Polymer Science	Angadi, VJ; Manjunatha, K; Ho, MK; Wu, SY; Ubaidullah, M; Al-Enizi, AM; Pandit, B; Chethan, B	吳勝允	X-ray Photoelectron Spectroscopy, Raman and Humidity Sensing Properties of Sm ³⁺ Doped CoCr ₂ O ₄ for Humidity Sensor Applications	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	NOV 8	2023
56	Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Swathi, BN; Krushna, BRR; Manjunatha, K; Lo, WC; Hsu, TE; Jheng, CY; Ho, MK; Chiu, HH; Yu, SL; Huang, YL; Sharma, SC; Subramanian, B; Wu, SY; Nagabhushana, H	吳勝允*.黃玉林	Orange-Red Emitting Sr ₉ Al ₆ O ₁₈ :Pr ³⁺ Nanophosphors for Advanced Latent Fingerprints and Security Ink	ACS APPLIED NANO MATERIALS	NOV 8	2023
57	Chemistry, Physical	Mamatha, GR; Krushna, BRR; Sharma, SC; Krithika, C; Malleshappa, J; Prasad, BD; Srikanth, C; Manjunatha, K; Wu, SY; Nagabhushana, H	吳勝允	Designing ultra-highly efficient Sm ³⁺ -activated SrLaAlO ₄ orange-red emitting phosphor towards security encoding, hydro-gels, flexible displays and personal identification	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	NOV 1	2023
58	Chemistry, Analytical	Mamatha, GR; Krushna, BRR; Prasad, BD; Sharma, SC; Francis, D; Manjula, MV; Devaraja, S; Malleshappa, J; Manjunatha, K; Wu, SY; Nagabhushana, H	吳勝允	Novel green emanating Sr ₆ Al ₄ Y ₂ O ₁₅ :Er ³⁺ -nanophosphor for thermal sensing, data security and personal identification	MICROCHEMICAL JOURNAL	OCT	2023

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59	Chemistry, Multidisciplinary; Chemistry, Physical; Nanoscience & Nanotechnology; Materials Science, Multidisciplinary	Anbalagan, AK; Hu, FC; Chan, WK; Gandhi, AC; Gupta, S; Chaudhary, M; Chuang, KW; Ramesh, AK; Billo, T; Sabbah, A; Chiang, CY; Tseng, YC; Chueh, YL; Wu, SY; Tai, NH; Chen, HYT; Lee, CH	吳勝允	Gamma-Ray Irradiation Induced Ultrahigh Room-Temperature Ferromagnetism in MoS2 Sputtered Few-Layered Thin Films	ACS NANO	APR 11	2023
60	Physics, Particles & Fields	Yeh, CP	葉振斌*	Shock waves in holographic EPR pair	JOURNAL OF HIGH ENERGY	DEC 6	2023
61	Chemistry, Multidisciplinary; Green & Sustainable Science & Technology; Engineering, Chemical	Ravikumar, MP; Quach, TA; Urupalli, B; Manjunatha, K; Murikinati, MK; Venkatakrishnan, SM; Wu, SY; Do, TO; Mohan, S	吳勝允	Mechanistic Insights into the Phase Formation of an Atypical Iron Oxynitride (Fe x O y N z) System and Its Multifunctional Photocatalytic Applications	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	NOV 24	2023
62	Materials Science, Multidisciplinary	Saini, P ; Singh, M; Patil, R ; Ma, YR ; Tandon, RP ; Singh, SP; Mahapatro, AK	馬遠榮	Diffusion-assisted metallic invasion into graphene oxide layer in metal/graphene oxide/metal structures	JOURNAL OF MATERIALS RESEARCH	APR 14	2023
63	Chemistry, Physical	Srinivasa, PR; Krushna, BRR; Malleshappa, J; Sharma, SC; Manjunatha, K; Wu, SY; Prasad, BD; Karthikeyan, PF; Komahal, F; Nagabhushana, H	吳勝允	Blue light emitting Sr2MgSi2O7:Eu2+ nanophosphor for latent fingerprint, anti-counterfeiting and near UV-LED applications	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	OCT 5	2023

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64	Materials Science, Ceramics	Manjunatha, K; Chethan, B; Wu, SY; Ubaidullah, M; Shaikh, SF; Al-Enizi, AM; Alanazi, NB; Pandit, B; Bajorek, A; Angadi, VJ	吳勝允	Effect of Eu ³⁺ and Sc ³⁺ on the structure, microstructure and humidity sensing properties of copper ferrites for sensor applications	CERAMICS INTERNATIONAL	45641	2023