

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; Charng, CC; Lo, CC; Chiang, AS; Recur, B; Petibois, C; Cheng, CL; Chen, HH; Yang, SM; Hwu, Y; Rojviriya, C; Rugmai, S; Rujirawat, S; Margaritondo, G	鄭嘉良	SYNAPSE: An international roadmap to large brain imaging	PHYSICS REPORTS-REVIEW SECTION OF PHYSICS LETTERS	FEB 9	2023

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
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
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	胡進鋇*	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

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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 MoS2 nano-sensor for H2S 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
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/GdH2 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 Cu3SbSe4	JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS		2023

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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, 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	MAR 23	2023
14	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 Ru2- xFexNbAl (x=0.0 0-0.50) alloys	JOURNAL OF ALLOYS AND COMPOUNDS	JUN 5	2023
15	Chemistry, Physical; Physics, Atomic, Molecular & Chemical	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

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16	Chemistry, Analytical; Electrochemistry	Kitchamsetti, N; Samtham, M; Singh, D; Choudhary, E; Rondiya, SR; Ma, YR; Cross, RW; Dzade, NY; Devan, RS	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
17	Physics, Atomic, Molecular & Chemical	Astafiev, AA; Shakhov, AM; Osychenko, AA; Martirosyan, DY; Tochilo, WA; Zalessky, AD; Syrchina, MS; Karmenyan, AV; Cheng, CL; Nadtochenko, 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
18	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 BIO MATERIALS	APR 17	2023
19	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 -XBiXS (X? 0.06) Nanosheets	CRYSTAL GROWTH & DESIGN	APR 12	2023
20	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 BIO MATERIALS	APR 3	2023

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
21	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
22	Polymer Science	Kalaburgi, B; Krushna, BRR; Subramanian, B; Prasad, BD; Manjunatha, K; Wu, SY; Shetty, A; Nagabhushana, H	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
23	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
24	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
25	Spectroscopy	Badgujar, 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
26	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

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27	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
28	Chemistry, Physical; Electrochemistry	Halder, 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
29	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
30	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, cheiloscopy and anti-counterfeiting applications	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	APR 20	2023
31	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
32	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
33	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

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34	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*	Layer-Dependent Optical Modulation and Field-Effect-Transistor in Two-Dimensional 4H-SnS ₂ Layers	ADVANCED OPTICAL MATERIALS	JUN 23	2023
35	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*	Mg-Doped CoCr ₂ O ₄ Nanoparticles: Implications for Magnetic Memory and Magnetocaloric Effect	ACS APPLIED NANO MATERIALS	JUN 20	2023
36	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
37	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

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
38	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*	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
39	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
40	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
41	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
42	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

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
43	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
44	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
45	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
46	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
47	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
48	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

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49	Materials Science, Multidisciplinary	Bag, P; Lee, YS; Chen, JY; Kuo, YK; Wu, SK	郭永綱*	Comparative study of physical properties of Ti50-xNi48+xFe2 (x=0.0-2.0) shape memory alloys after solution treating and aging at 450 degrees C	PHYSICAL REVIEW MATERIALS	AUG 22	2023
50	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 Tb3+-activated highly efficient green-emitting BaLa2ZnO5 nanophosphors in PDMS matrix for flexible display, anti-counterfeiting, and dermatoglyphics applications	MATERIALS TODAY SUSTAINABILITY	DEC	2023
51	Materials Science, Multidisciplinary	Narasimhamurthy, KN; Krushna, BRR; Manjunatha, K; Chiu, HH; Subramanian, B; Wu, SY; Shetty, A; Nagabhushana, H	吳勝允*	Novel intense blue emitting Bi2Zr2O7:Ce3+ nanocomposites insertion into flexible polymer films for anti-counterfeiting, long-term storage fingerprints, and display device applications	MATERIALS TODAY COMMUNICATIONS	DEC	2023
52	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*	Efficient van der Waals layered gallium telluride-based passive photodetectors for low-power-density sensing of visible light	JOURNAL OF MATERIALS CHEMISTRY C	OCT 5	2023
53	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

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54	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
55	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
56	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
57	Materials Science, Ceramics	Hingangavkar, GM; Kadam, SA; Ma, YR; Bandgar, SS; Mulik, RN; Patil, VB	馬遠榮	Tailored formation of WO ₃ -rGO nanohybrids for dependable low temperature NO ₂ sensing	CERAMICS INTERNATIONAL	DEC 1	2023
58	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

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59	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 Sr9Al6O18:Pr3+ Nanophosphors for Advanced Latent Fingerprints and Security Ink	ACS APPLIED NANO MATERIALS	NOV 8	2023
60	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 Sm3+activated SrLaAlO4 orange-red emitting phosphor towards security encoding, hydro-gels, flexible displays and personal identification	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	NOV 1	2023
61	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 Sr6Al4Y2O15:Er3+nanophosphor for thermal sensing, data security and personal identification	MICROCHEMICAL JOURNAL	OCT	2023
62	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

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63	Physics, Particles & Fields	Yeh, CP	葉振斌*	Shock waves in holographic EPR pair	JOURNAL OF HIGH ENERGY PHYSICS	DEC 6	2023
64	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