

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry, Multidisciplinary	Silalahi, RPB; Wang, Q; Liao, JH; Chiu, TH; Wu, YY; Wang, XP; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Reactivities of Interstitial Hydrides in a Cu-11 Template: En Route to Bimetallic Clusters	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	JAN 10	2022
2	Chemistry, Multidisciplinary	Yang, ZH; Sun, BJ; He, C; Fatimah, S; Chang, AHH; Kaiser, RI	張秀華*	Gas Phase Preparation of the Elusive Monobridged Ge(μ -H)GeH Molecule through Nonadiabatic Reaction Dynamics	CHEMISTRY-A EUROPEAN JOURNAL	FEB 21	2022
3	Chemistry, Multidisciplinary	Murugan, SP; Zhong, HJ; Wu, CY; Pan, HW; Chen, C; Lee, GH	陳清漂*	Camphorsulfonic Acid-Mediated One-Pot Tandem Consecutive via the Ugi Four-Component Reaction for the Synthesis of Functionalized Indole and 2-Quinolone Derivatives by Switching Solvents	ACS OMEGA	FEB 22	2022
4	Chemistry, Multidisciplinary	van Zyl, WE; Liu, CW	劉鎮維*	Interstitial Hydrides in Nanoclusters can Reduce M(I) (M=Cu, Ag, Au) to M(0) and Form Stable Superatoms	CHEMISTRY-A EUROPEAN JOURNAL	MAR 16	2022
5	Chemistry, Physical; Physics, Atomic, Molecular & Chemical	Brotton, SJ; Perera, SD; Misra, A; Kleimeier, NF; Turner, AM; Kaiser, RI; Palenik, M; Finn, MT; Epshteyn, A; Sun, BJ; Zhang, LJ; Chang, AHH	張秀華*	Combined Spectroscopic and Computational Investigation on the Oxidation of exo-Tetrahydrodicyclopentadiene (JP-10; C ₁₀ H ₁₆) Doped with Titanium-Aluminum-Boron Reactive Metal Nanopowder	JOURNAL OF PHYSICAL CHEMISTRY A	JAN 13	2022
6	Pharmacology & Pharmacy	Handula, M; Verhoeven, M; Chen, KT; Haeck, J; de Jong, M; Dalm, SU; Seimbille, Y	陳國庭	Towards Complete Tumor Resection: Novel Dual-Modality Probes for Improved Image-Guided Surgery of GRPR-Expressing Prostate Cancer	PHARMACEUTICS	JAN	2022
7	Chemistry, Multidisciplinary	Guo, CW; Chen, KT; You, TY; Lin, CC; Cheng, WC	陳國庭	Synthesis and Evaluation of Diverse N-Substituted Disaccharide Dipeptides for Human NOD2 Stimulation Activity	CHEMISTRY-AN ASIAN JOURNAL	FEB 14	2022
8	Chemistry, Inorganic & Nuclear	Yen, WJ; Liao, JH; Chiu, TH; Wen, YS; Liu, CW	劉鎮維*	Homoleptic Silver-Rich Trimetallic M-20 Nanocluster	INORGANIC CHEMISTRY	MAY 9	2022
9	Pharmacology & Pharmacy	Wu, YW; Ta, GH; Lung, YC; Weng, CF; Leong, MK	梁剛荐*	In Silico Prediction of Skin Permeability Using a Two-QSAR Approach	PHARMACEUTICS	MAY	2022

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10	Chemistry, Multidisciplinary	Wang, XY; Yang, HH; Chang, LK; Chiu, TH; Liu, FC; Lin, IJB	劉福成*.林志彪	Synthesis and Structures of Benzyl- and Amido-Substituted N-Heterocyclic Palladium Carbene Complexes	CHEMISTRYSELECT	JUN 13	2022
11	Biochemistry & Molecular Biology; Chemistry, Multidisciplinary	Chen, KT; Seimbille, Y	陳國庭*	New Developments in Carbonic Anhydrase IX-Targeted Fluorescence and Nuclear Imaging Agents	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	JUN	2022
12	Chemistry, Multidisciplinary	Liao, CH; Chen, JY; Liu, GY; Xu, ZR; Lee, S; Chiang, CK; Hsieh, YT	江政剛*	Supercritical Fluid-Assisted Fabrication of Pd Nanoparticles/Graphene Using a Choline Chloride-Oxalic Acid Deep Eutectic Solvent for Enhancing the Electrochemical Oxidation of Glycerol	ACS OMEGA	JUN 14	2022
13	Chemistry, Multidisciplinary	Chiu, TH; Liao, JH; Gam, F; Wu, YY; Wang, XP; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Hydride-Containing Eight-Electron Pt/Ag Superatoms: Structure, Bonding, and Multi-NMR Studies	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	JUN 15	2022
14	Biochemistry & Molecular Biology; Chemistry, Multidisciplinary	Wu, CH; Lin, CY; Lin, TC; Tai, DF	戴達夫*	Integration of Adenylate Kinase 1 with Its Peptide Conformational Imprint	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	JUN	2022
15	Chemistry, Physical; Physics, Atomic, Molecular & Chemical	He, C; Thomas, AM; Dangi, BB; Yang, T; Kaiser, RI; Lee, HC; Sun, BJ; Chang, AHH	張秀華*	Formation of the Elusive Silylenemethyl Radical (HCSiH ₂ ; (XB ₂)-B-2) via the Unimolecular Decomposition of Triplet Silaethylene (H ₂ CSiH ₂ ; a(3)A?)	JOURNAL OF PHYSICAL CHEMISTRY A	MAY 18	2022
16	Chemistry, Multidisciplinary	Moorthy, K; Chang, KC; Yu, PJ; Wu, WJ; Liao, MY; Huang, HC; Chien, HC; Chiang, CK	江政剛*	Synergistic actions of phytonutrient capped nanosilver as a novel broad-spectrum antimicrobial agent: unveiling the antibacterial effectiveness and bactericidal mechanism	NEW JOURNAL OF CHEMISTRY	JUL 1	2022
17	Chemistry, Analytical	Tummala, S; Bandi, R; Ho, YP	何彥鵬*	Synthesis of Cu-doped carbon dot/chitosan film composite as a catalyst for the colorimetric detection of hydrogen peroxide and glucose	MICROCHIMICA ACTA	AUG	2022

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18	Chemistry, Analytical	Liang, SY; Wan, SC; Ho, YP; Horng, YT; Soo, PC; Peng, WP	彭文平*.何彥鵬	Rapid Quantification of Polyhydroxybutyrate Polymer from Single Bacterial Cells with Mass Spectrometry	ANALYTICAL CHEMISTRY	AUG 17	2022
19	Chemistry, Inorganic & Nuclear	Kanubaddi, KR; Yang, CL; Huang, PY; Lin, CY; Tai, DF; Lee, CH	劉鎮維*	Oxocarbon Anions Templated in Silver Clusters	INORGANIC CHEMISTRY	AUG 21	2022
20	Biotechnology & Applied Microbiology; Multidisciplinary Sciences	Kanubaddi, KR; Yang, CL; Huang, PY; Lin, CY; Tai, DF; Lee, CH	戴達夫*.李佳洪	Peptide conformational imprints enhanced the catalytic activity of papain for esterification	FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY	AUG 16	2022
21	Biochemistry & Molecular Biology; Chemistry, Multidisciplinary	Burba, CM; Chang, HC	張海舟*	Confinement Effects on the Magnetic Ionic Liquid 1-Ethyl-3-methylimidazolium Tetrachloroferrate(III)	MOLECULES	SEP	2022
22	Chemistry, Physical; Physics, Atomic, Molecular & Chemical	Burba, CM; Hsiao, KY; Wang, TH; Chang, HC	張海舟*	Pressure-dependent cation-surface interactions of ionic liquids confined within nanoporous anodic aluminum oxide	JOURNAL OF MOLECULAR LIQUIDS	NOV 1	2022
23	Chemistry, Inorganic & Nuclear	Huang, GR; Silalahi, RPB; Liao, JH; Chiu, TH; Liu, CW	劉鎮維*	Synthesis, structural studies, and photophysical properties of heteroleptic inverse-coordination clusters	DALTON TRANSACTIONS	SEP 16	2022
24	Chemistry, Multidisciplinary	Barik, SK; Chen, CY; Chiu, TH; Ni, YR; Gam, F; Chantrenne, I; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Surface modifications of eight-electron palladium silver superatomic alloys	COMMUNICATIONS CHEMISTRY	NOV 19	2022
25	Chemistry, Multidisciplinary	Chang, HC; Chien, HH; Huang, ZJ; Huang, ZY	張海舟*	High-pressure infrared spectroscopy of ionic liquids mixed with Tween 80	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	DEC 27	2022

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26	Chemistry, Inorganic & Nuclear	Tzeng, BC; Liao, CC; Jung, PY; Chen, SY; Sun, BJ; Cheng, WC; Chang, AHH; Lee, GH	張秀華*	Luminescent Pt(II) Complexes Containing (1-Aza-15-crown-5)dithiocarbamate and (1-Aza-18-crown-6)dithiocarbamate: Mechanochromic and Solvent-Induced Luminescence	INORGANIC CHEMISTRY	DEC 30	2022