

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Biochemistry & Molecular Biology; Chemistry; Spectroscopy	Devi, S; Chu, PY; Wu, BH; Ho, YP	何彥鵬*	Mass spectrometry combined with affinity probes for the identification of CP4 EPSPS in genetically modified soybeans	JOURNAL OF MASS SPECTROMETRY	FEB	2020
2	Chemistry	Silalahi, RPB; Huang, GR; Liao, JH; Chiu, TH; Chakrahari, KK; Wang, XP; Cartron, J; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Copper Clusters Containing Hydrides in Trigonal Pyramidal Geometry	INORGANIC CHEMISTRY	17-Feb	2020
3	Biochemistry & Molecular Biology; Chemistry	Lin, EY; Chen, YS; Li, YS; Chen, SR; Lee, CH; Huang, MH; Chuang, HM; Harn, HJ; Yang, HH; Lin, SZ; Tai, DF; Chiou, TW	邱紫文*.戴達夫*	Liposome Consolidated with Cyclodextrin Provides Prolonged Drug Retention Resulting in Increased Drug Bioavailability in Brain	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	JUN	2020
4	Chemistry; Engineering; Instruments & Instrumentation	Chou, CY; Lin, CY; Wu, CH; Tai, DF	戴達夫*	Sensing HIV Protease and Its Inhibitor Using "Helical Epitope"-Imprinted Polymers	SENSORS	JUN	2020
5	Chemistry	Barik, SK; Huo, SC; Wu, CY; Chiu, TH; Liao, JH; Wang, XP; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Polyhydrido Copper Nanoclusters with a Hollow Icosahedral Core: [Cu <sub>30</sub> H <sub>18</sub> {E <sub>2</sub> P(OR)(2)}(12)] (E=S or Se; R=nPr,iPr oriBu)	CHEMISTRY-A EUROPEAN JOURNAL		
6	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Singh, SK; Tsai, TY; Sun, BJ; Chang, AHH; Mebel, AM; Kaiser, RI	張秀華*	Gas Phase Identification of the Elusive N-Hydroxyoxaziridine (c-H <sub>2</sub> CON(OH)): A Chiral Molecule	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2-Jul	2020
7	Biochemistry & Molecular Biology; Chemistry	Lee, MH; Ta, GH; Weng, CF; Leong, MK	梁剛荐	In Silico Prediction of Intestinal Permeability by Hierarchical Support Vector Regression	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	MAY	2020

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
8	Chemistry	Liao, JH; Chang, HW; Fang, CS; Liu, CW	劉鎮維*	T-symmetric 40-nucleus silver clusters assembled by hetero-anions	JOURNAL OF THE CHINESE CHEMICAL SOCIETY		
9	Chemistry	Palanimuthu, A; Chen, CP; Lee, GH	陳清漂*	Synthesis of highly substituted tetrahydroquinolines using ethyl cyanoacetate via aza-Michael-Michael addition	RSC ADVANCES	3-Apr	2020
10	Research & Experimental Medicine; Pharmacology & Pharmacy	Kuthati, Y; Rao, VN; Busa, P; Tummala, S; Naga, GDV; Wong, CS	Busa, Prabhakar. Tummala, Srikrishna	Scope and Applications of Nanomedicines for the Management of Neuropathic Pain	MOLECULAR PHARMACEUTICS	6-Apr	2020
11	Biochemistry & Molecular Biology; Chemistry	Angamuthu, V; Tai, DF	戴達夫*	Synthesis of Natural (-)-Antrocin and Its Enantiomer via Stereoselective Aldol Reaction	MOLECULES	2-Feb	2020
12	Chemistry; Physics	Singh, SK; La Jeunesse, J; Vuppuluri, V; Son, SF; Sun, BJ; Chen, YL; Chang, AHH; Mebel, AM; Kaiser, RI	張秀華	The Elusive Ketene (H <sub>2</sub> CCO) Channel in the Infrared Multiphoton Dissociation of Solid 1,3,5-Trinitro-1,3,5-Triazinane (RDX)	CHEMPHYSICAL	5-May	2020
13	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Doddipatla, S; Yang, ZH; Thomas, AM; Chen, YL; Sun, BJ; Chang, AHH; Mebel, AM; Kaiser, RI	張秀華*	Gas Phase Synthesis of the Elusive Trisilacyclopropyl Radical (Si <sub>3</sub> H <sub>5</sub> ) via Unimolecular Decomposition of Chemically Activated Doublet Trisilapropyl Radicals (Si <sub>3</sub> H <sub>7</sub> )	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	17-Sep	2020
14	Chemistry	Zhong, YJ; Liao, JH; Chiu, TH; Wu, YY; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Hydride-encapsulated bimetallic clusters supported by 1,1-dithiolates	CHEMICAL COMMUNICATIONS	21-Aug	2020
15	Chemistry	Tummala, S; Huang, WA; Wu, BH; Chang, KC; Ho, YP	何彥鵬*	Fluorescent Mesoporous Nanoparticles for beta-Lactamase Screening Assays	CHEMISTRY OPEN	OCT	2020

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
16	Chemistry	Singh, SK; La Jeunesse, J; Zhu, C; Kleimeier, NF; Chen, KH; Sun, BJ; Chang, AHH; Kaiser, RI	張秀華*	Gas phase identification of the elusive oxaziridine (cyclo-H <sub>2</sub> CONH) - an optically active molecule	CHEMICAL COMMUNICATIONS	21-Dec	2020
17	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Pillay, MN; van Zyl, WE; Liu, CW	劉鎮維*	A construction guide for high-nuclearity (>= 50 metal atoms) coinage metal clusters at the nanoscale: bridging molecular precise constructs with the bulk material phase	NANOSCALE	28-Dec	2020
18	Chemistry	Shu, HC; Chen, YS; Wu, NP	蘇宏基	Analysis of pesticides based on immobilized housefly head acetylcholinesterase reactor with choline oxidase and horseradish peroxidase carbon paste electrode	JOURNAL OF THE CHINESE CHEMICAL SOCIETY		
19	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Chakrahari, KK; Liao, JP; Silalahi, RPB; Chiu, TH; Liao, JH; Wang, XP; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Isolation and Structural Elucidation of 15-Nuclear Copper Dihydride Clusters: An Intermediate in the Formation of a Two-Electron Copper Superatom	SMALL		
20	Chemistry; Science & Technology - Other Topics; Materials Science	Wang, TH; Wu, MS; Chang, HC	張海舟*	Characterization of Local Structures of Confined Imidazolium Ionic Liquids in PVdF-co-HFP Matrices by High Pressure Infrared Spectroscopy	NANOMATERIALS	OCT	2020
21	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Gam, F; Liu, CW; Kahlal, S; Saillard, JY	劉鎮維	Electron counting and bonding patterns in assemblies of three and more silver-rich superatoms	NANOSCALE	21-Oct	2020
22	Chemistry	Lu, SJ; Yang, HH; Chang, WJ; Hsueh, HH; Lin, YC; Liu, FC; Lin, IJB; Lee, GH	劉福成*	Synthesis and structures of amido-functionalized N-heterocyclic nickel(II) carbene complexes	JOURNAL OF ORGANOMETALLIC CHEMISTRY	15-Nov	2020