

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Science & Technology - Other Topics; Materials Science	Reddy, PM; Chang, KC; Liu, ZJ; Chen, CT; Ho, YP	何彥鵬*	Functionalized Magnetic Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> ) Nanoparticles for Capturing Gram-Positive and Gram-Negative Bacteria	JOURNAL OF BIOMEDICAL NANOTECHNOLOGY	AUG	2014
2	Chemistry	Zhu, JL; Wu, ST; Shie, JY	朱家亮*	Access to Functionalized Bicyclo[4,3,0]nonenes via Palladium-Catalyzed Oxidative Cyclization of 2-Allylcyclohexyl Oximes	JOURNAL OF ORGANIC CHEMISTRY	18-Apr	2014
3	Chemistry	Chakraborty, S; Tai, DF	戴達夫*	Synthesis of triazole cages containing C-3-symmetric alpha-cyclic tripeptide	TETRAHEDRON LETTERS	2-Apr	2014
4	Chemistry	Yi-Shan, S; Boobalan, R; Chen, CP; Lee, GH	陳清漂*	Novel C-2-symmetric chiral O,N,N,O-tetradentate 2,2-bipyridyldiolpropane ligands: synthesis and application in asymmetric diethylzinc addition to aldehydes	TETRAHEDRON-ASYMMETRY	28-Feb	2014
5	Chemistry	Jhang, RY; Liao, JH; Liu, CW; Kuimov, VA; Gusarova, NK; Artem'ev, AV	劉鎮維	A new convenient synthetic route to metal diselenophosphinates: Synthesis and characterization of [M-2(Se <sub>2</sub> PPh <sub>2</sub> )(4)] (M = Zn, Cd and Hg) complexes	JOURNAL OF ORGANOMETALLIC CHEMISTRY	15-May	2014
6	Biophysics; Spectroscopy	Heine, D; Sung, FH; Huang, JW; Lin, TH; Chen, YC; Chyan, GT	錢嘉琳*	Resonance assignments and secondary structure of calmodulin in complex with its target sequence in rat olfactory cyclic nucleotide-gated ion channel	BIOMOLECULAR NMR ASSIGNMENTS	APR	2014
7	Science & Technology - Other Topics	Ding, YL; Shih, YH; Tsai, FY; Leong, MK	梁剛蓀*	In Silico Prediction of Inhibition of Promiscuous Breast Cancer Resistance Protein (BCRP/ABCG2)	PLOS ONE	10-Mar	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
8	Chemistry	Naziruddin, AR; Zhuang, CS; Lin, WJ; Hwang, WS	黃文樞*	Donor functionalized ruthenium N-heterocyclic carbene complexes in alcohol oxidation reactions	DALTON TRANSACTIONS		2014
9	Chemistry ; Nuclear Science & Technology	Wang, JS; Liao, WS; Wai, CM; Yu, JJ; Chiu, KH	瞿港華*	Characteristics of an oxadiazide-HNO <sub>3</sub> extractant in the supercritical fluid extraction of uranium	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	MAR	2014
10	Chemistry	Liao, JH; Latouche, C; Li, B; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維	A Twelve-Coordinated Iodide in a Cuboctahedral Silver(I) Skeleton	INORGANIC CHEMISTRY	17-Feb	2014
11	Chemistry ; Crystallography	Shiu, RY; Liao, JH; Liu, CW; Kuimov, VA; Gusarova, NK; Artem'ev, AV	劉鎮維*	Synthesis and comparative structural study of tris-chelated Sb(III), Bi(III) and Cr(III) diselenophosphinato complexes	POLYHEDRON	28-Jan	2014
12	Biochemistry & Molecular Biology; Biophysics	Tien, CF; Cheng, SC; Ho, YP; Chen, YS; Hsu, JH; Chang, PY	張瑞宜*. 何彥鵬	Inhibition of aldolase A blocks biogenesis of ATP and attenuates Japanese encephalitis virus production	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	10-Jan	2014
13	Chemistry	Latouche, C; Liu, CW; Saillard, JY	劉鎮維	Encapsulating Hydrides and Main-Group Anions in d(10)-Metal Clusters Stabilized by 1,1-Dichalcogeno Ligands	JOURNAL OF CLUSTER SCIENCE	JAN	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
14	Chemistry ; Physics	Kaiser, RI; Maity, S; Dang, Lee, YC;	張秀華	A crossed molecular beam and ab initio investigation of the exclusive methyl loss pathway in the gas phase	PHYSICAL CHEMISTRY		2014
15	Chemistry	Lin, YR; Liou, BY; Li, HH	劉鎮維	Dinuclear gold(I) dithio- and diselenophosph(in)ate complexes forming 1D polymers	DALTON TRANSACTIONS		2014
16	Chemistry	Liao, JH; Chang, HW; Li, YJ; Fang, CS; Sarkar, B; van Zyl, WE; Liu, CW	劉鎮維	Anion templating from a silver(I) dithiophosphate 1D polymer forming discrete cationic and neutral octa- and decanuclear silver(I) clusters	DALTON TRANSACTIONS	28-Aug	2014
17	Chemistry	Edwards, AJ; Dhayal, RS; Liao, PK; Liao, JH; Chiang, MH; Piltz, RO; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	Chinese Puzzle Molecule: A 15 Hydride, 28 Copper Atom Nanoball	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	JUL	2014
18	Chemistry	Afraj, SN; Chen, CP; Lee, GH	陳清漂*	Manganese(II) chloride catalyzed highly efficient one-pot synthesis of propargylamines and fused triazoles via three-component coupling reaction under solvent-free condition	RSC ADVANCES		2014
19	Chemistry	Su, PTS; Tseng, JCW; Lee, KM; Wang, JC; Lin, HB	林志彪*	Tetranuclear Silver(I) Clusters Showing High Ionic Conductivity in a Bicontinuous Cubic Mesophase	INORGANIC CHEMISTRY	16-Jun	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
20		Tang, T; Parker, DSN; Dangi, BB; Kaiser, RI; Stranges, D; Su, YH; Chen, SY; Chang, AHH; M. L. L.	張秀華	Directed Gas-Phase Formation of the Ethynylsulfidoboron Molecule	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	11-Jun	2014
21	Chemistry	Naziruddin, AR; Kuo, CL; Lin, WJ; Lo, WH; Lee, CS; Sun, BJ; Chang, AHH; Hwang, WS	黃文樞*. 張秀華	Ruthenium Complexes Bearing Unsymmetric CNC 'Pincer Ligands: Molecular Structures and Electronic Properties	ORGANOMETALLICS	26-May	2014
22	Chemistry	Artem'ev, AV; Chernysheva, NA; Gusarova, NK; Yas'ko, SV; Liao, JH; Liu, CW; Albanov, AI; Trofimov, BA	劉鎮維	Reaction of Vinyl Selenides with Secondary Phosphines and Elemental Selenium: One-Pot Selective Synthesis of a New Family of Diselenophosphinic Se-Esters	HETEROATOM CHEMISTRY	MAY	2014
23	Polymer Science	Chang, HC; Tsai, TT; Kuo, MH	張海舟*	Using High-Pressure Infrared Spectroscopy to Study the Interactions between Triblock Copolymers and Ionic	MACROMOLECULES	13-May	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
24	Chemistry ; Materials Science	Lu, JT; Lin, JCY; Lin, MC; Khupse, ND; Lin, IJB	林志彪*	Labile Imidazolium Salt Protected Palladium Nanoparticles	LANGMUIR	2-Sep	2014
25	Chemistry ; Physics	Yang, T; Dangi, BB; Parker, DSN; Kaiser, RI; An, Y; Chang, AHH	張秀華	A combined crossed molecular beams and ab initio investigation on the formation of vinylsulfidoboron ((C2H3BS)-B-11-S-32)	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	7-Sep	2014
26	Chemistry	Artem'ev, AV; Shagun, VA; Gusarova, NK; Liu, CW; Liao, JH; Gatilov, YV; Trofimov, BA	劉鎮維	DFT study and dynamic NMR evidence for cis-trans conformational isomerism in square planar Ni(II) thioselenophosphinate, Ni(SeSPPH2)(2)	JOURNAL OF ORGANOMETALLIC CHEMISTRY	1-Oct	2014
27	Biochemistry & Molecular Biology; Chemistry	Chang, PC; Reddy, PM; Ho, YP	何彥鵬*	Quantification of genetically modified soya using strong anion exchange chromatography and time-of-flight mass spectrometry	ANALYTICAL AND BIOANALYTICAL CHEMISTRY	SEP	2014
28	Chemistry	Sulake, RS; Jiang, YF; Lin, HH; Chen, CP	陳清漂*	Total Synthesis of (+/-)-Antroquinonol D	JOURNAL OF ORGANIC CHEMISTRY	21-Nov	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
29	Chemistry ; Physics	Latouche, C; Lin, YR; Tobon, Y; Furet, E; Saillard, JY; Liu, CW; Boucekkinne, A	劉鎮維	Au-Au chemical bonding induced by UV irradiation of dinuclear gold(I) complexes: a computational study with experimental evidence	PHYSICAL CHEMISTRY CHEMICAL PHYSICS		2014
30	Pharmacology & Pharmacy ; Chemistry	Lin, KH; Hsieh, YH; Sulake, RS; Wang, SP; Chao, JI; Chen, CH; Chao, JH	陳清漂*	Optimization of gefitinib analogues with potent anticancer activity	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	15-Nov	2014
31	Chemistry	Dhayal, RS; Wang, XP; Kahlal, S; Saillard, JY; Liu, CW; Wang, S	劉鎮維*	Neutron Diffraction Studies of a Four-Coordinated Hydride in Near Square-Planar Geometry	INORGANIC CHEMISTRY	20-Oct	2014
32	Chemistry ; Physics	Dangi, BB; Parker, DSN; Kaiser, RI; An, Y; Sun, BJ; Chang, AHH	張秀華	Combined Crossed Molecular Beam and ab Initio Investigation of the Multichannel Reaction of Boron Monoxide (BO; X-2 Sigma(+)) with Propylene (CH3CHCH2; X(1)A '): Competing Atomic Hydrogen and Methyl Loss Pathways	JOURNAL OF PHYSICAL CHEMISTRY A	16-Oct	2014
33	Chemistry ; Education & Educational Research	Chen, YH; He, YC; Yaung, JF	陳月蕙	Exploring pH-Sensitive Hydrogels Using an Ionic Soft Contact Lens: An Activity Using Common Household Materials	JOURNAL OF CHEMICAL EDUCATION	OCT	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
34	Chemistry	Wu, YK; Chen, IC; Zhu, JL; Liu, HJ	朱家亮	EFFICIENT INSTALLATION AND ELABORATION OF C4-C6 FUSED FURAN MOIETY IN THE TOTAL SYNTHESIS OF TEUCRIUM CLERODANE DITERPENOIDS	HETEROCYCLES	1-Sep	2014
35	Chemistry ; Physics	Sun, BJ, Huang, CH; Chen, SY; Chen, SH; Kaiser, BT	張秀華*	Theoretical Study on Reaction Mechanism of Ground-State Cyano Radical with 1,3-Butadiene: Prospect of Pyridine Formation	JOURNAL OF PHYSICAL CHEMISTRY A	11-Sep	2014
36	Chemistry	Chang, AHH; Sun, BJ	張秀華	Theoretical study of allene dissociation and mass spectrum	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
37	Chemistry	Chen, SH; Zhang, JS; Chang, AHH	張秀華	Theoretical study on photodissociation of o-, m-, and p-pyridyl radicals	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
38	Chemistry	Chen, SY; Lin, SH; Chang, AHH	張秀華	Theoretical study on absorption, fluorescence, and resonance Raman scattering spectra of silver cluster, Ag-n and Ag-n-pyridine complexes (n=1-3)	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
39	Chemistry	Chiou, CJ; Lin, KC; Chang, AHH	張秀華	Photodissociation of propanal at 248 nm	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
40	Chemistry	Chiu, K; Wu, BZ; Chang, PL	瞿港華	Removal and recycling of perfluorooctane sulfonate (PFOS) using absorption method of PVDF membrane in water	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
41	Chemistry	Hai-Ping, E; Kaiser, RI; Chang, AHH	張秀華	Theoretical study of pathways, reaction mechanism, and product yields for reaction of boron atom and propylene	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
42	Chemistry	Leong, MK; Lyu, YC; Ding, YL	梁剛蓀	Predicting mutagenicity of nitroaromatic compounds using hierarchical support vector regression approach	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
43	Chemistry	Liu, CW	劉鎮維	Polyhydrido copper nanoclusters are valuable intermediates in the fabrication of rhombus-shape copper nanoparticles	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014



NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
44	Chemistry	Su, YS; Kaiser, RI; Chang, AHH	張秀華	Ab-initio investigation on the exclusive methyl loss pathway in the gas phase reaction of boron monoxide (BO; X-2 Sigma(+)) with dimethylacetylene (CH <sub>3</sub> CCCH <sub>3</sub> ; X(1)A(1g))	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014
45	Chemistry	Sun, BJ; Hwang, WS; Chang, AHH	張秀華. 黃文樞	Theoretical study on the absorption and phosphorescence spectra of ruthenium complexes bearing unsymmetric CNC' pincer ligands	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	10-Aug	2014