

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Spectroscopy	Burba, CM; Chang, HC	張海舟	Temperature- and pressure-dependent infrared spectroscopy of 1-butyl-3-methylimidazolium trifluoromethanesulfonate: A dipolar coupling theory analysis	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	15-Mar	2018
2	Chemistry	Ramacharyulu, PVRK; Prasad, GK	Ramacharyulu, P. V. R. K.	Enhanced photocatalytic activity of mesoporous nanotitania decorated with zinc phthalocyanine	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	JAN	2018
3	Chemistry	Dhayal, RS; Chen, HP; Liao, JH; van Zyl, WE; Liu, CW	劉鎮維*	Synthesis, Structural Characterization, and H-2 Evolution Study of a Spheroid-Shape Hydride-Rich Copper Nanocluster	CHEMISTRYSELECTION	9-Apr	2018
4	Chemistry	Boobalan, R; Chen, C; Lee, GH	陳清漂*	Copper (I)-mediated tandem A(3) coupling/[3+2] cycloaddition chemoselective synthesis of 4H-[1,2,3]triazolo[1,5-a]indoles	CATALYSIS COMMUNICATIONS	10-Mar	2018

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5	Chemistry	Silalahi, RPB; Chakrahar i, KK; Liao, JH; Kahlal, S; Liu, YC; Chiang, MH; Saillard, JY; Liu, CW	劉鎮維*	Synthesis of Two-Electron Bimetallic Cu-Ag and Cu-Au Clusters by using [Cu-13((S2CNBu2)-Bu-n)(6)(CCPh)(4)](+) as a Template	CHEMISTRY-AN ASIAN JOURNAL	2-Mar	2018
6	Astronomy & Astrophysics	Frigge, R; Zhu, C; Turner, AM; Abplanalp, MJ; Bergantini, A; Sun, BJ; Chen, YL; Chang, AHH; Kaiser, RI	張秀華	A Vacuum Ultraviolet Photoionization Study on the Formation of N-methyl Formamide (HCONHCH3) in Deep Space: A Potential Interstellar Molecule with a Peptide Bond	ASTROPHYSICAL JOURNAL	20-Jul	2018
7	Chemistry	Chang, A; Kaiser, R	張秀華*	Nonadiabatic dynamics of silicon chemistry	ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY	18-Mar	2018
8	Chemistry ; Science & Technology - Other Topics; Materials Science; Physics	Thomas, AM; Dangi, BB; Yang, T; Kaiser, RI; Lin, L; Chou, TJ;	張秀華*	Are Nonadiabatic Reaction Dynamics the Key to Novel Organosilicon Molecules? The Silicon (Si(P-3))-Dimethylacetylene (C4H6(X(1)A(1g))) System as a Case Study	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	21-Jun	2018

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9	Chemistry	Zhu, C; Frigge, R; Turner, AM; Kaiser, RI; Sun, BJ; Chen, SY; Chang, AHH	張秀華*	First identification of unstable phosphino formic acid (H <sub>2</sub> PCOOH)	CHEMICAL COMMUNICATIONS	7-Jun	2018
10	Chemistry ; Science & Technology - Other Topics; Materials Science; Physics	Lin, YR; Kishore, PVVN; Liao, JH; Kahlal, S; Liu, YC; Chiang, MH; Saillard, JY; Liu, CW	劉鎮維*	Synthesis, structural characterization and transformation of an eight-electron superatomic alloy, [Au@Ag-19{S <sub>2</sub> P(OPr)(2)}(12)]	NANOSCALE	21-Apr	2018
11	Chemistry	Chen, KH; Chiang, YJ; Zhu, JL	朱家亮*	Rhodium-catalyzed cyclization of acceptor-substituted biphenyl - diazoketones: a study of the substitution effect on chemoselectivity	ORGANIC & BIOMOLECULAR CHEMISTRY	7-Oct	2018
12	Science & Technology - Other Topics	Turner, AM; Bergantini, A; Abplanalp, MJ; Zhu, C; Gobi, S; Sun, BJ; Chao, KH; Chang, AHH; Meinert, C; Kaiser, RI	張秀華	An interstellar synthesis of phosphorus oxoacids	NATURE COMMUNICATIONS	21-Sep	2018

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13	Chemistry	Liao, JH; Kahlal, S; Liu, YC; Chiang, MH; Saillard, JY; Liu, CW	劉鎮維*	Identification of an Eight-Electron Superatomic Cluster and Its Alloy in One Co-crystal Structure	JOURNAL OF CLUSTER SCIENCE	SEP	2018
14	Chemistry	Frigge, R; Zhu, C; Turner, AM; Abplanalp, MJ; Sun, BJ; Huang, YS; Chang, AHH; Kaiser, RI	張秀華*	Synthesis of the hitherto elusive formylphosphine (HCOPH <sub>2</sub> ) in the interstellar medium - a molecule with an exotic phosphorus peptide bond	CHEMICAL COMMUNICATIONS	16-Sep	2018
15	Biochemistry & Molecular Biology; Cell Biology	Zulueta, MML; Chyan, CL; Hung, SC	錢嘉琳	Structural analysis of synthetic heparan sulfate oligosaccharides with fibroblast growth factors and heparin-binding hemagglutinin	CURRENT OPINION IN STRUCTURAL BIOLOGY	JUN	2018
16	Chemistry	Chakraborti, KK; Silalahi, RPB; Liao, JH; Kahlal, S; Liu, YC; Lee, JF; Chiang, MH; Saillard, JY; Liu, CW	劉鎮維*	Synthesis and structural characterization of inverse-coordination clusters from a two-electron superatomic copper nanocluster	CHEMICAL SCIENCE	7-Sep	2018

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17	Pharmacology & Pharmacy ; Chemistry ; Toxicology	Hou, TY; Weng, CF; Leong, MK	梁剛荐*. 翁慶豐*	Insight Analysis of Promiscuous Estrogen Receptor alpha-Ligand Binding by a Novel Machine Learning Scheme	CHEMICAL RESEARCH IN TOXICOLOGY	AUG	2018
18	Chemistry	Patil, AA; Chiang, CK; Wen, CH; Peng, WP	彭文平*. 江政剛	Forced dried droplet method for MALDI sample preparation	ANALYTICAL CHEMICAL ACTA	15-Nov	2018
19	Pharmacology & Pharmacy	Chen, HH; Chang, PC; Chen, CP; Chan, MH	陳清漂	Protective and therapeutic activity of honokiol in reversing motor deficits and neuronal degeneration in the mouse model of Parkinson's disease	PHARMACOLOGICAL REPORTS	AUG	2018
20	Research & Experimental Medicine; Pharmacology & Pharmacy	Chen, HH; Chang, PC; Wey, SP; Chen, PM; Chen, C; Chan, MH	陳清漂	Therapeutic effects of honokiol on motor impairment in hemiparkinsonian mice are associated with reversing neurodegeneration and targeting PPAR gamma regulation	BIOMEDICINE & PHARMACOTHERAPY	DEC	2018
21	General & Internal Medicine	Chiu, WJ; Lin, SR; Chen, YH; Tsai, MJ; Leong, MK; Sharma, CF	翁慶豐*. 梁剛荐	Prodigiosin-Emerged PI3K/Beclin-1-Independent Pathway Elicits Autophagic Cell Death in Doxorubicin-Sensitive and -Resistant Lung Cancer	JOURNAL OF CLINICAL MEDICINE	OCT	2018
22	Chemistry	Sharma, CF; Chakraborti, KK; Saillard, JY; Liu, GW	劉鎮維*	Structurally Precise Dichalcogenolate-Protected Copper and Silver Superatomic Nanoclusters and Their Alloys	ACCOUNTS OF CHEMICAL RESEARCH	OCT	2018

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23	Biochemistry & Molecular Biology; Chemistry	Kiyapnan, J; Jhong, CH; Lin, SR; Chang, CH; Tsai, MJ; Lee, DN; Sung, PJ; Leong, MK; Chang, CF	翁慶豐*. 梁剛荐*	Hypoglycemic Efficacy of Docking Selected Natural Compounds against alpha-Glucosidase and alpha-Amylase	MOLECULES	SEP	2018
24	Chemistry	WT; Sharma, S; Liao, JH; Kahlal, S; Liu, YC; Chiang, MH; Saillard, JY; Liu, CH	劉鎮維*	Heteroatom-Doping Increases Cluster Nuclearity: From an [Ag-20] to an [Au3Ag18] Core	CHEMISTRY-A EUROPEAN JOURNAL	25-Sep	2018
25	Biochemistry & Molecular Biology; Chemistry	Chen, C; Lee, MH; Weng, CF; Leong, MK	翁慶豐*. 梁剛荐*	Theoretical Prediction of the Complex P-Glycoprotein Substrate Efflux Based on the Novel Hierarchical Support Vector Regression Scheme	MOLECULES	JUL	2018

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1		Deeke SA, Starr AE, Ning Z, Ahmadi S, Zhang X, Mayne J, Chiang CK, Singleton R, Benchimol EI, Mack DR, Stintzi A	江政剛	Mucosal-luminal interface proteomics reveals biomarkers of pediatric inflammatory bowel disease-associated colitis.	Am J Gastroenterol.	May	2018
2		Li L, Zhang X, Ning Z, Mayne J, Moore JJ, Butcher J, Chiang CK, Mack D, Stintzi A, Figgeys D.	江政剛	Evaluating in Vitro Culture Medium of Gut Microbiome with Orthogonal Experimental Design and a Metaproteomics Approach.	J Proteome Res.	5-Jan	2018