

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry ; Science & Technology - Other Topics; Materials Science; Physics	Tang, T; Dangi, BB; Thomas, AM; Kaiser, RI; Sun, BJ; Stas, M; Chang, YH	張秀華*	Gas-Phase Synthesis of the Elusive Trisilicontetrahydride Species (Si ₃ H ₄)	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	5-Jan	2017
2	Science & Technology - Other Topics	Leong, MK; Syu, RG; Ding, YL; Weng, CF	梁剛蓀* 翁慶豐*	Prediction of N-Methyl-D-Aspartate Receptor GluN1-Ligand Binding Affinity by a Novel SVM-Pose/SVM-Score Combinatorial Ensemble Docking Scheme	SCIENTIFIC REPORTS	6-Jan	2017
3	Chemistry	Dinda, J; Roymahapatra, G; Sarkar, D; Mondal, TK; Al-Deyab, SS; Sinha, C; Hwang, YS	黃文樞	Cu(I)-N heterocyclic carbene complexes: Synthesis, catalysis and DFT studies	JOURNAL OF MOLECULAR STRUCTURE	5-Jan	2017
4	Chemistry ; Physics	Chang, HC; Hsu, DT	張海舟*	Interactions of ionic liquids and surfaces of graphene related nanoparticles under high pressures	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	21-May	2017
5	Chemistry	Cyue, JY; Kishore, PVVN; Liao, JH; Lin, YR; Liu, CW	劉鎮維*	Synthesis and characterization of Cu-I/Au-I complexes derived from monothiocarbonate and tertiary phosphine ligands	INORGANICA CHIMICA ACTA	1-Jun	2017
6	Pharmacology & Pharmacy ; Chemistry	Boobalan, R; Liu, KK; Chao, JI; Chen, CP	陳清漂* Boobalan, Ramalingam	Synthesis and biological assay of erlotinib analogues and BSA-conjugated erlotinib analogue	BIOORGANIC & MEDICINAL CHEMISTRY LETTERS	15-Apr	2017

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7	Chemistry	Ho, CH; Chen, YH; Kuo, YK; Liu, CW	郭永綱. 劉鎮維	The structure and opto-thermo electronic properties of a new (Bi(Bi ₂ S ₃)(9)I-3)(2/3) hexagonal nano-	CHEMICAL COMMUNICATIONS	4-Apr	2017
8	Chemistry	Gupta, AK; Kishore, PNVN; Liao, JH; Chen, YJ; Liu, CW	劉鎮維*	Hexadecanuclear Copper Monothiocarbonates: An Emissive Cluster Building Block	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	3-Apr	2017
9	Toxicology	Ding, YL; Lyu, YC; Leong, MK	梁剛蓀*	In silico prediction of the mutagenicity of nitroaromatic compounds using a novel two-QSAR approach	TOXICOLOGY IN VITRO	APR	2017
10	Neurosciences & Neurology	Chuang, CK; Xu, B; Mehta, N; Mayne, J; Sun, WYL; Cheng, K; Ning, ZB; Dong, J; Zou, HF; Cheng, HYM; Fan, D	江政剛	Phosphoproteome Profiling reveals circadian clock regulation of Posttranslational Modifications in the Murine hippocampus	FRONTIERS IN NEUROLOGY	22-Mar	2017

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11	Chemistry	Huang, TY; Irene, D; Zulueta, MML; Tai, TJ; Lain, SH; Cheng, CP; Tsai, PX; Lin, SY; Chen, ZG; Ku, CC; Hsiao, CD; Chyan, CL; Huang, SC	錢嘉琳*	Structure of the Complex between a Heparan Sulfate Octasaccharide and Mycobacterial Heparin-Binding Hemagglutinin	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	3-Apr	2017
12	Chemistry	Chang, HW; Shiu, RY; Fang, CS; Liao, JH; Kishore, PNVN; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	A Sulfide (Selenide)-Centered Nonanuclear Silver Cluster: A Distorted and Flexible Tricapped Trigonal Prismatic Ag ₉ Framework	JOURNAL OF CLUSTER SCIENCE	MAR	2017
13	Biochemistry & Molecular Biology; Chemistry	Devi, S; Wu, BH; Chu, PY; Liu, YP; Wu, HL; Ho, YP	何彥鵬*	Studying the effect of microwave heating on the digestion process and identification of proteins	ELECTROPHORESIS	FEB	2017
14	Chemistry	Kahlal, S; Liu, CW; Saillard, JY	劉鎮維	Ag-13-Centered Cuboctahedral Architecture in Inorganic Cluster Chemistry: A DFT Investigation	INORGANIC CHEMISTRY	6-Feb	2017

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15	Chemistry	Tang, T; Dangi, BB; Kaiser, RI; Chao, KH; Sun, BJ; Chang, AHH; Nguyen, TL; Stanton, EM	張秀華*	Gas-Phase Formation of the Disilavinylidene (H ₂ SiSi) Transient	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	24-Jan	2017
16	Chemistry	Lin, TC; Syu, HJH; Naziruddin, AR; Liu, FC; Lin, HB	劉福成* 林志彪	Direct C-metallation of N-substituted triazoles promoted by mercury acetate. An alternative route to N-heterocyclic carbene complexes	RSC ADVANCES		2017
17	Cell Biology	Liu, KK; Qiu, WR; Raj, EN; Liu, HF; Huang, HS; Lin, YW; Chang, CJ; Chen, TH; Chen, CP; Chang, HC; Hwang, JK; Chao, JI	陳清漂*	YY Ubiquitin-coated nanodiamonds bind to autophagy receptors for entry into the selective autophagy pathway	AUTOPHAGY		2017

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18	Science & Technology - Other Topics; Materials Science	Huang, PK; Lin, SX; Tsai, MJ; Leong, MK; Lin, SR; Kankala, RK; Lee, CH; Weng, CF	翁慶豐* 李佳洪* 梁剛荐	Encapsulation of 16-Hydroxycycleroda-3,13-Dine-16,15-Olide in Mesoporous Silica Nanoparticles as a Natural Dipeptidyl Peptidase-4 Inhibitor Potentiated Hypoglycemia in Diabetic Mice	NANOMATERIALS	MAY	2017
19	Chemistry	Zhu, JL; Wu, YP	朱家亮*	Rhodium-Catalyzed Intramolecular Cyclopropanation of -Diazo - Keto Nitriles Containing an Unsaturated Substituted Cycloalkyl Group	SYNLETT	JUL	2017
20	Chemistry	Gam, F; Paez-Hernandez, D; Arratia-Perez, R; Liu, CW; Kahlal, S; Saillard, JY; Munoz-Castro, A	劉鎮維	Coinage Metal Superatomic Cores: Insights into Their Intrinsic Stability and Optical Properties from Relativistic DFT Calculations	CHEMISTRY-A EUROPEAN JOURNAL	22-Aug	2017
21	Chemistry	Chang, WT; Lee, PY; Liao, JH; Chakraborti, KK; Kahlal, S; Liu, YC; Chiang, MH; Saillard, JY; Liu, CW	劉鎮維*	Eight-Electron Silver and Mixed Gold/Silver Nanoclusters Stabilized by Selenium Donor Ligands	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	14-Aug	2017

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22	Chemistry	Tang, Q; Lee, YJ; Li, DY; Choi, W; Liu, CW; Lee, D; Jiang, DE	劉鎮維*	Lattice-Hydride Mechanism in Electrocatalytic CO ₂ Reduction by Structurally Precise Copper-Hydride Nanoclusters	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	19-Jul	2017
23	Chemistry	Chiang, YJ; Zhu, JL	朱家亮*	UV-mediated decomposition of diazomalonates in benzene: Unexpected access to functionalized bicyclo[3.2.0]heptane	TETRAHEDRON LETTERS	2-Aug	2017
24	Chemistry ; Materials Science; Physics	Chang, HC; Wang, TH; Burba, CM	張海舟*	Probing Structures of Interfacial 1-Butyl-3-Methylimidazolium Trifluoromethanesulfonate Ionic Liquid on Nano-Aluminum Oxide Surfaces Using High-Pressure Infrared Spectroscopy	APPLIED SCIENCES -BASEL	AUG	2017
25	Science & Technology - Other Topics	Lin, TW; Raj, EN; Liao, WS; Lin, J; Liu, KK; Chen, TH; Cheng, HC; Wang, CC; Li, LY; Chen, CDA	陳清漂	Co-delivery of paclitaxel and cetuximab by nanodiamond enhances mitotic catastrophe and tumor inhibition	SCIENTIFIC REPORTS	29-Aug	2017
26	Chemistry ; Physics	Huang, RTW; Rondla, R; Wang, WJ; Lin, IJB	Huang, Roy T. W*.林志彪	Gemini imidazolium salts comprising Cl ⁻ , BF ₄ ⁻ , PF ₆ ⁻ , AuCl ₄ ⁻ counterions: Synthesis, thermotropic liquid crystal study and use of AuCl ₄ ⁻ salt precursor to	JOURNAL OF MOLECULAR LIQUIDS	SEP	2017
27	Chemistry	Shu, HC; Chung, SW	蘇宏基*	Analysis of Organophosphorous Pesticides Based on Housefly Acetylcholinesterase Using Sequential Injection Analysis	JOURNAL OF THE CHINESE CHEMICAL SOCIETY	DEC	2017

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28	Chemistry	Latouche, C; Liao, JH; Li, YJ; Shiu, RY; Barone, V; Kahlal, S; Liu, CW; Saillard, J	劉鎮維*	Encapsulating Iodine and Copper into Copper(I) Clusters Stabilized by Dichalcogenolate Ligands: Stability, Structure, and Optical Properties	INORGANIC CHEMISTRY	20-Nov	2017
29	Biochemistry & Molecular Biology	Chuang, CK; Tworak, A; Kevany, BM; Xu, B; Mayne, J; Ning, ZB; Figeys, D; Palczewska, K	江政剛	Quantitative phosphoproteomics reveals involvement of multiple signaling pathways in early phagocytosis by the retinal pigmented epithelium	JOURNAL OF BIOLOGICAL CHEMISTRY	1-Dec	2017
30	Biochemistry & Molecular Biology; Chemistry	Chyan, CL; Irene, D; Lin, SM	錢嘉琳*	The Recognition of Calmodulin to the Target Sequence of Calcineurin-A Novel Binding Mode	MOLECULES	OCT	2017

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31		Mendoza-Viveros L, Chiang CK, Ong JLK, Hegazi S, Cheng AH, Bouchard-Cannon P, Fana M, Lowden C, Zhang P, Bothorel B, Michniewicz MG, Magill ST, Holmes MM, Goodman RH,	江政剛	miR-132/212 Modulates Seasonal Adaptation and Dendritic Morphology of the Central Circadian Clock.	Cell Rep.	18-Apr	2017