

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry	Su, PYS; Hsu, SJ; Tseng, JCW; Hsu, HF; Wang, WJ; Lin, IJB	林志彪*	Polynuclear Silver(I) Triazole Complexes: Ion Conduction and Nanowire Formation in the Mesophase	CHEMISTRY-A EUROPEAN JOURNAL	4-Jan	2016
2	Chemistry	Dhayal, RS; van Zyl, WE; Liu, CW	劉鎮維*	Polyhydrido Copper Clusters: Synthetic Advances, Structural Diversity, and Nanocluster-to-Nanoparticle Conversion	ACCOUNTS OF CHEMICAL RESEARCH	JAN	2016
3	Biotechnology & Applied Microbiology	Chen, CC; Reddy, PM; Devi, CS; Chang, PC; Ho, YD	何彥鵬*	Study of microwave effects on the lipase-catalyzed hydrolysis	ENZYME AND MICROBIAL TECHNOLOGY	JAN	2016
4	Chemistry	Forster, M; Maksyutenko, P; Jones, BM; Sun, BJ; Chang, AHH; Wu, BZ; Sun, YJ;	張秀華*	Synthesis of urea in cometary model ices and implications for Comet 67P/Churyumov-Gerasimenko	CHEMICAL COMMUNICATIONS		2016
5	Environmental Sciences & Ecology	Chen, YH; Yak, HK; Yu, JJ; Liao, W; Chiu, K; Peng, SM	瞿港華*	Application of aluminum-supported Pd, Rh, and Rh-Pd nanoparticles in supercritical carbon dioxide system for hydrodebromination of polybrominated diphenyl ethers	CHEMOSPHERE	AUG	2016

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6	Biochemistry & Molecular Biology; Biophysics	Deepika, N; Devi, CS; Kumar, YP; Reddy, KL; Reddy, PV; Kumar, DA; Singh, SS; Satyanarayan, G	Devi, C. Shobha	DNA-binding, cytotoxicity, cellular uptake, apoptosis and photocleavage studies of Ru(II) complexes	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	JUL	2016
7	Biochemistry & Molecular Biology; Biotechnology & Applied Microbiology	Shiuan, D; Chen, YH; Lin, HK; Huang, KJ; Tai, DF; Chang, DK	宣大衛*, 戴達夫	Discovering Peptide Inhibitors of Human Squalene Synthase Through Screening the Phage-Displayed Cyclic Peptide c7c Library	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	JUN	2016
8	Chemistry	Seva, L; Hwang, WS; Sabiah, S	黃文樞	Palladium biphenyl N-heterocyclic carbene complexes: Synthesis, structure and their catalytic efficiency in water mediated Suzuki-Miyaura cross-coupling reaction	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	JUL	2016
9	Environmental Sciences & Ecology	Wu, BZ; Chen, GY; Yak, HK; Liao, WS; Chiu, ZH	瞿港華*	Degradation of lindane and hexachlorobenzene in supercritical carbon dioxide using palladium nanoparticles stabilized in microcellular high-density polyethylene	CHEMOSPHERE	JUN	2016
10	Chemistry	Boobalan, R; Chen, CP	陳清漂*	An improved and efficient synthesis of pinene based bipyridyldiols and bipyridine	TETRAHEDRON LETTERS	27-Apr	2016

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11	Astronomy & Astrophysics	Forster, M; Maksyutenko, P; Jones, BM; Sun, BJ; Lee, HC; Chang, AHH;	張秀華*	ON THE FORMATION OF AMIDE POLYMERS VIA CARBONYL-AMINO GROUP LINKAGES IN ENERGETICALLY PROCESSED ICES OF ASTROPHYSICAL RELEVANCE	ASTROPHYSICAL JOURNAL	1-Apr	2016
12	Chemistry	Kishore, PVVN; Liao, JH; Hou, HN; Lin, YR; Liu, CW	劉鎮維*	Ferrocene-Functionalized Cu(I)/Ag(I) Dithiocarbamate Clusters	INORGANIC CHEMISTRY	4-Apr	2016
13	Chemistry	Afraz, SN; Chen, CP; Lee, GH	陳清漂*	Synthesis of decahydropyrrolo[1,2-a]tetrazolo[1,5-d]pyrazines via Strecker reaction and intramolecular [3+2] cycloaddition	RSC ADVANCES		2016
14	Chemistry	Naziruddin, AR; Lee, CS; Lin, WJ; Sun, BJ; Chao, KH; Chang, AHH; Hwang, YW	張秀華* 黃文樞	Platinum complexes bearing normal and mesoionic N-heterocyclic carbene based pincer ligands: syntheses, structures, and photo-functional attributes	DALTON TRANSACTIONS		2016
15	Chemistry	Shie, JY; Zhu, JL	朱家亮*	Synthesis of bicyclic gamma-butyrolactone derivatives by rhodium catalyzed intramolecular C-H insertion of alpha-diazo alpha-phosphoryl cycloalkyl esters	TETRAHEDRON	24-Mar	2016
16	Chemistry	Afraz, SN; Chen, CP	陳清漂*	Tin(II) Chloride Catalyzed Multicomponent Synthesis of Propargylamines and Intramolecular [3+2] Cycloaddition	ASIAN JOURNAL OF ORGANIC CHEMISTRY	FEB	2016

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17	Chemistry ; Physics	Yang, T; Thomas, AM; Dangi, BB; Kaiser, RI; Wu, MH; Sun, BJ; Chang, AHH	張秀華	Formation of the 2,3-Dimethyl-1-silacycloprop-2-enylidene Molecule via the Crossed Beam Reaction of the Silylidyne Radical (SiH; X-2 Pi) with Dimethylacetylene (CH ₃ CCCH ₃ ; X(1)A(1g))	JOURNAL OF PHYSICAL CHEMISTRY A	22-Sep	2016
18	Science & Technology - Other Topics; Materials Science	Dhenadhyalan, N; Lee, HL; Yadav, K; Lin, KC; Lin, YT; Chang, AHH	張秀華	Silicon Quantum Dot-Based Fluorescence Turn-On Metal Ion Sensors in Live Cells	ACS APPLIED MATERIALS & INTERFACES	14-Sep	2016
19	Chemistry	Yang, T; Dangi, BB; Thomas, AM; Sun, BJ; Chou, TJ; Chang, AHH; Kaiser, RI	張秀華*	Gas-Phase Synthesis of 1-Silacyclopenta-2,4-diene	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	4-Jul	2016
20	Chemistry	Afraj, SN; Nuzlia, C; Chen, CP; Lee, GH	陳清漂*	Multicomponent Coupling Reaction and Intramolecular Nitrile Oxide-Alkyne Cycloaddition towards Isoxazolo[3,4]-pyrrolizines	ASIAN JOURNAL OF ORGANIC CHEMISTRY	AUG	2016
21	Chemistry ; Physics	Imakayutoko, P; Forstel, M; Crandall, P; Sun, BJ; Wu, MH; Chang, AHH; Kaiser, RI	張秀華*	An isomer-specific study of solid nitromethane decomposition pathways - Detection of aci-nitromethane (H ₂ CNO(OH)) and nitrosomethanol (HOCH ₂ NO) intermediates	CHEMICAL PHYSICS LETTERS	1-Aug	2016

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22	Chemistry ; Engineering	Wang, JS; Wai, CM; Yak, HK; Chiu, KH	瞿港華*	Influence of the characteristics of a water-in-CO ₂ microemulsion on the separation of metal species	SEPARATION SCIENCE AND TECHNOLOGY		2016
23	Chemistry	Wedlock, LE; Barnard, PJ; Filipovska, A; Skelton, BW; Berners-Price, SJ; Baker, MV	Baker, Murray V.*	Dinuclear Au(I) N-heterocyclic carbene complexes derived from unsymmetrical azolium cyclophane salts: potential probes for live cell imaging applications	DALTON TRANSACTIONS	14-Aug	2016
24	Chemistry	Dhayal, RS; Lin, YR; Liao, JH; Chen, YJ; Liu, YC; Chiang, MH; Kahlal, S; Saillard, JY; Liu, CW	劉鎮維*	[Ag-20{S ₂ P(OR)(2)}(12)]: A Superatom Complex with a Chiral Metallic Core and High Potential for Isomerism	CHEMISTRY-A EUROPEAN JOURNAL	11-Jul	2016

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25	Polymer Science	Li, KL; Lin, CW; Shao, YL; Chang, CW; Yao, FK; Kowal, MD; Wang, HS; Yeung, MT; Huang, SC; Kaner, RB	黃淑絹*	Characterization of Aniline Tetramer by MALDI TOF Mass Spectrometry upon Oxidative and Reductive Cycling	POLYMERS	NOV	2016
26	Environmental Sciences & Ecology; Toxicology; Water Resources	YJ; Huang, HS; Leu, YL; Peng, KC; Chang, CJ; Chang, MY	Hsieh, Yi-Jen.彭國証	Anticancer Activity of Kalanchoe tubiflora Extract Against Human Lung Cancer Cells In Vitro and In Vivo	ENVIRONMENTAL TOXICOLOGY	NOV	2016
27	Chemistry	Chakrahari, KK; Liao, JH; Kahlal, S; Liu, YC; Chiang, MH; Saillard, JY; Liu, CW	劉鎮維*	[Cu-13{(S2CNBu2)-Bu-n}(6)(acetylide)(4)](+): A Two-Electron Superatom	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	14-Nov	2016
28	Plant Sciences	Chen, WL; Ho, YP; Chou, JC	何彥鵬. 周志青*	Phenologic variation of major triterpenoids in regular and white Antrodia cinnamomea	BOTANICAL STUDIES	25-Oct	2016

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29	Biochemistry & Molecular Biology; Chemistry	Kumar, YP; Devi, CS; Srishailam, A; Deepika, N; Kumar, VR; Reddy, PV; Nagasuryaprasad, K; Singh, SS; Nagababu, P;	Devi, C. Shobha	Studies on Photocleavage, DNA Binding, Cytotoxicity, and Docking Studies of Ruthenium(II) Mixed Ligand Complexes	JOURNAL OF FLUORESCENCE	NOV	2016
30	Polymer Science	Dinda, J; Maity, L; Lee, CS; Hwang, WS; Al-Deyab, SS	黃文樞	Silver(I) Polymer of Tripodal Amine: Synthesis, Structure and Photoluminescence	JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS	SEP	2016
31	Chemistry	Yu, MH; Yang, HH; Naziruddin, AR; Kanne, S; Wang, BH; Liu, FC; Lin, IJB; Lee, GH	林志彪*. 劉福成*	Formation of NH,NR N-Heterocyclic Carbene Complexes through Mercuration of Mono-N-substituted Benzimidazoles	EUROPEAN JOURNAL OF INORGANIC CHEMISTRY	OCT	2016