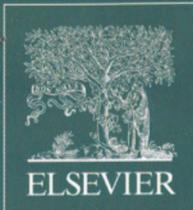


ISSN 1001-8417



CHINESE CHEMICAL LETTERS

Preliminary Chemical Communications in English

中国化学快报

Volume 23 No. 8

August 2012



万方数据



Chinese Chemical Society



Contents

Abstracted/Indexed in: Chemical Abstracts, Science Citation Index Expanded, Chemical Citation Index. Also covered in the abstract and citation database SciVerse SCOPUS®. Full text available on SciVerse ScienceDirect®

A novel and efficient strategy for the synthesis of various carbamates using carbamoyl chlorides under solvent-free and grinding conditions using microwave irradiation.....	H. ZARE, M.M. GHANBARI, M. JAMALI, A. ABOODI	883
Synthesis and characterization of silica-supported Pd nanoparticles and its application in the Heck reaction.....	M. GHIACI, D. VALIKHANI, Z. SADEGHI	887
An environmentally benign benzylic oxidation catalyzed by hypervalent iodine intermediate in water.....	Y. XU, J.T. HU, J. YAN	891
PTCs promoted biphasic oxidation of ethylbenzene catalyzed by NHPI and CoSPc.....	Y.L. ZHOU, S.S. LIN, D.H. XIA, Y.Z. XIANG	895
Synthesis of novel isoxazolyl bis-thiazolo[3,2- <i>a</i>]pyrimidines.....	E. RAJANARENDAR, S. RAMAKRISHNA, K. RAMA MURTHY	899
Indole cyanation via C–H bond activation under catalysis of Ru(III)-exchanged NaY zeolite (RuY) as a recyclable catalyst	A. KHORSHIDI	903
A practical synthesis of a new series of isoflavanones	J.N. LIU, S.R. BAN, H.Y. XIE, Q.S. LI	907
A novel and convenient synthesis of thiazolo[3,2- <i>a</i>]pyrimidin-7-ones and pyrido[1,2- <i>a</i>]pyrimidin-2-ones using Vilsmeier reagent.....	Y.Y. WENG, L.M. YING, Q.X. CHEN, W.K. SU	911
Design, synthesis and antiproliferative activities of diaryl urea derivatives bearing <i>N</i> -acylhydrazone moiety	B. ZHANG, Y.F. ZHAO, X. ZHAI, W.J. FAN, J.L. REN, C.F. WU, P. GONG	915
A novel direct synthesis of polyol from soybean oil.....	L.J. SUN, C. YAO, H.F. ZHENG, J. LIN	919
A facile synthesis of ω -aminoalkyl ammonium hydrogen phosphates.....	W.B. KONG, X.Y. ZHOU, Y. YANG, X.Y. XIE	923
An efficient method for the oxathioacetalization of carbonyl compounds using <i>N</i> -bromosaccharin as a catalyst ..	H. ALINEZHAD, S. FALLAHI	927
Diketene-based neat four-component synthesis of the dihydropyrimidinones and dihydropyridine backbones using silica sulfuric acid (SSA)	S. ROSTAMNIA, K. LAMEI	930
Design, synthesis and antimicrobial activities of 1,2,3-triazole derivatives.....	X. ZHAO, B.W. LU, J.R. LU, C.W. XIN, J.F. LI, Y. LIU	933
Improvement of hydrogen isotope exchange reactions on Li_4SiO_4 ceramic pebble by catalytic metals	C.J. XIAO, C.M. KANG, X.J. CHEN, X.L. GAO, Y.M. LUO, S. HU, X.L. WANG	936
A new isobenzofuranone derivative from a marine <i>Streptomyces</i> sp.	Z.P. XIE, H.Y. ZHANG, F.C. LI, B. LIU, S.X. YANG, H.P. WANG, Y. PU, Y. CHEN, S. QIN	941
Eu(III) complex-doped PMMA having fast radiation rate and high emission quantum efficiency	J.L. ZHANG, B.W. CHEN, X. LUO, K. DU	945
Mesoporous cobalt oxide for largely improved lithium storage properties.....	M.X. MA	949
A ultrasensitive nonenzymatic glucose sensor based on Cu_2O polyhedrons modified Cu electrode	Z.J. LUO, T.T. HAN, L.L. QU, X.Y. WU	953
Conductivity and chemical stability of $\text{SrCe}_{0.92}\text{Nb}_{0.03}\text{Tm}_{0.05}\text{O}_{3-\delta}$ membrane prepared by modified sol-gel method	W.H. YUAN, C.S. DONG, L. LI	957
Aqueous synthesis of CdSe and CdSe/CdS quantum dots with controllable introduction of Se and S sources	X.L. RONG, Q. ZHAO, G.H. TAO	961

A computational study of AlN nanotube as an oxygen detector.....	M.T. BAEI, A.A. PEYGHAN, Z. BAGHERI	965
Fluorometric determination of nonylphenol in water samples enriched with zirconium doped titanium dioxide nanotubes solid phase extraction	X.F. SU, X.N. ZHAO, G.H. XIE, Q.X. ZHOU	969
The roles of cysteines in the heme domain of human soluble guanylate cyclase	F.F. ZHONG, X.X. LIU, J. PAN, Z.X. HUANG, X.S. TAN	973
Characterization of self-assembled monolayers of porphyrins bearing multiple-thiol and photoelectric response.....	J.D. YANG, X.Q. LU	977
Electrocatalytic determination of L-cysteine using a modified carbon nanotube paste electrode: Application to the analysis of some real samples.....	M. AHMADIPOUR, M.A. TAHER, H. BEITOLLAHI, R. HOSSEINZADEH	981
Synthesis of methyl methacrylate star-branched polymer with divinylbenzene as a linking agent <i>via</i> controlled/living photopolymerization	Y.Y. CUI, Y.E. REN, X.X. LIU	985
Synthesis of polyacrylonitrile- <i>block</i> -polydimethylsiloxane- <i>block</i> -polyacrylonitrile triblock copolymers <i>via</i> RAFT polymerization	Z. YUE, D.X. WANG, J.Q. LIU, J. ZHANG, S.Y. FENG	989