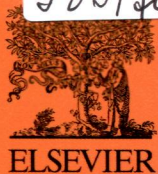


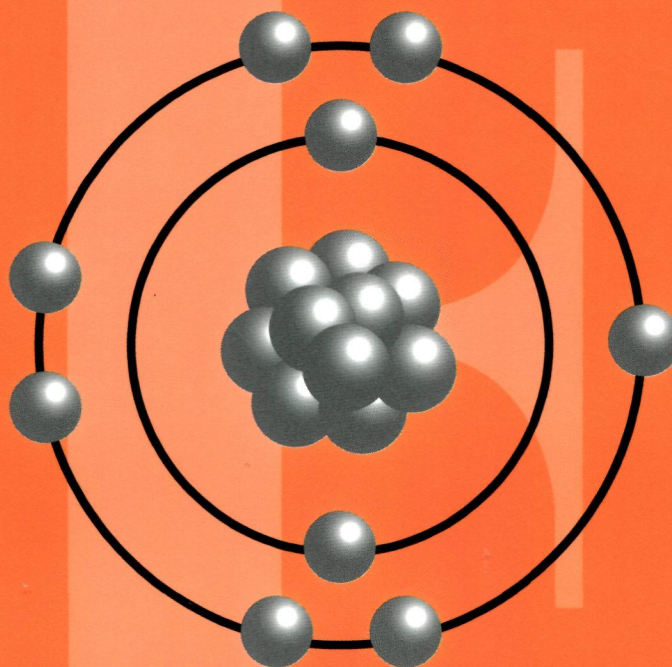
711  
J30/10

Volume 157, January 2014

ISSN 0022-1139



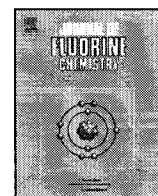
# JOURNAL OF FLUORINE CHEMISTRY



*J. Fluorine Chem.*

Available online at [www.sciencedirect.com](http://www.sciencedirect.com)

**ScienceDirect**



## Contents

Graphical Abstracts .....	iv
<b>Full Length Articles</b>	
New nucleophilic rearrangement in the mechanism of the three-component domino cyclisation affording fluoroalkylated (pyrrolo)quinazolines O. Paleta, B. Dolenský, J. Paleček and J. Kvíčala.....	1
Binuclear cobalt carbonyl complexes of the strong $\pi$ -acceptor trifluoromethyl isocyanide Z. Liu, B. Peng, Q. Luo, Q.-s. Li, Y. Xie and R.B. King.....	22
Synthesis and properties of poly(aryl ether ketone)s with 2,6-diphenylpyridyl moieties and 4-trifluoromethylphenyl side groups X. Li, X.-L. Liu, L.-J. Cheng, J.-W. Jiang and S.-R. Sheng .....	30
Synthesis and characterization of core-shell latex: Effect of fluorinated acrylic monomer on properties of polyacrylates W. Yang, L. Zhu and Y. Chen .....	35
Facile synthesis of 1,7,8-trifluoro-2-naphthol via DMAP catalyzed cycloaromatization K. Araki, T. Katagiri and M. Inoue.....	41
The effect of donors-acceptors on the charge transfer properties and tuning of emitting color for thiophene, pyrimidine and oligoacene based compounds A. Irfan, A.G. Al-Sehemi and M.S. Al-Assiri.....	52
Polyfluoro- and perfluoroalkoxyenaminones in syntheses of nitrogen containing heterocycles Y.A. Davydova, T.M. Sokolenko and Y.L. Yagupolskii.....	58
Synthesis and characterization of novel fluorinated siloxane star-like copolymer with short perfluoroalkyl chain and used for modification the epoxy resin Z. Yan, W. Liu, H. Wang, K. Su and G. Xia-Hou.....	63
Thermoanalytical and preparative investigations of the decomposition of potassium perfluoroorganyl(fluoro)borate salts, $K[R_F BF_3]$ ( $R_F$ = perfluoroalkyl, -alkenyl, -alkynyl, and -aryl groups) and $K[(R_F)_2 BF_2]$ ( $R_F$ = $C_6F_5$ and $C_6F_{13}$ ) V.V. Bardin, I.K. Shundrina and H.-J. Frohn .....	73
An improved method for the fluorination of arylsulfur chlorotetrafluorides to arylsulfur pentafluorides K. Lummer, M.V. Ponomarenko, G.-V. Röschenhaler, M. Bremer and P. Beier.....	79
<b>Short Communications</b>	
Exploring the reactivity of dimethylzinc with fluorine substituted 1-phenyl-4,5-dihydro-1H-pyrazol-5-ols M. Weidauer, E. Irran and S. Enthaler.....	12
Synthesis and structure of $[CeF_4(Me_2SO)_2]$ —A rare neutral ligand complex of a lanthanide tetrafluoride M.J.D. Champion, W. Levason and G. Reid.....	19
Synthesis and biological activities of fluorinated 10-hydroxycamptothecin and SN38 Y. Wu, L. Zhu, C. Sheng, J. Yao, Z. Miao, W. Zhang, Y. Wei and R. Shi.....	48
<b>Review</b>	
Synthesis and uses of fluorous and highly fluorinated macrocyclic and spherical molecules W.-B. Yi, J.-J. Ma, L.-Q. Jiang, C. Cai and W. Zhang.....	84