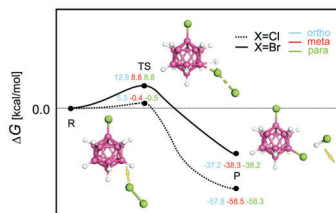


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2009, 74, 1–27

**exo-Substituent Effects in Halogenated Icosahedral ( $B_{12}H_{12}^{2-}$ ) and Octahedral ( $B_6H_6^{2-}$ ) closo-Borane Skeletons: Chemical Reactivity Studied by Experimental and Quantum Chemical Methods**

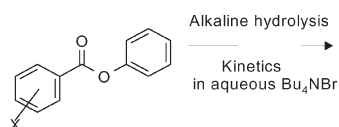
Martin Lepšík, Martin Srnec, Drahomír Hnyk, Bohumír Grüner, Jaromír Plešek, Zdeněk Havlas and Lubomír Rulišek

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2009, 74, 29–42

**Kinetic Study of Hydrolysis of Benzoates. Part XXVII. ortho Substituent Effect in Alkaline Hydrolysis of Phenyl Esters of Substituted Benzoic Acids in Aqueous  $Bu_4NBr$**

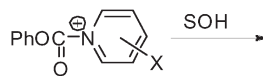
Vilve Nummert, Mare Piirsalu, Signe Vahur, Oksana Travnikova and Ilmar A. Koppel

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2009, 74, 43–55

**Evidence for General Base Catalysis by Protic Solvents in a Kinetic Study of Alcoholyses and Hydrolyses of 1-(Phenoxycarbonyl)pyridinium Ions Under Both Solvolytic and Non-Solvolytic Conditions**

Dennis N. Kevill, Byoung-Chun Park and Jin Burm Kyong



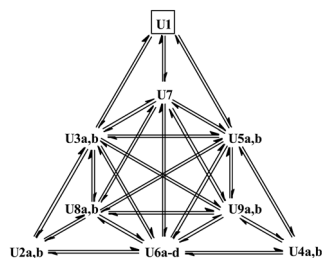
- (a) MeOH in  $CH_3CN$   
 $k_2^{app} = k_2 + k_3[MeOH]$
- (b)  $CF_3CH_2OH-H_2O$   
 $\log(k/k_0) = IN_T + c$

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2009, 74, 57–72

**Stability, Polarity, Intramolecular Interactions and  $\pi$ -Electron Delocalization for All Eighteen Tautomers Rotamers of Uracil. DFT Studies in the Gas Phase**

Ewa D. Raczyńska, Katarzyna Zientara, Tomasz M. Stepniewski and Katarzyna Kolczyńska

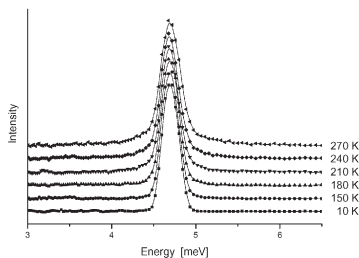


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2009, 74, 73–84

### Quasi-Elastic Neutron Scattering (QENS) Studies on the 1:1 Tetramethylpyrazine–1,2,4,5-Tetracyanobenzene Complex

Jan Krawczyk, Małgorzata Nowina Konopka, Jerzy A. Janik, Olav Steinsvoll, Grażyna Bator, Andrzej Pawlukojć, Eugeniusz Grech, Joanna Nowicka-Scheibe and Lucjan Sobczyk

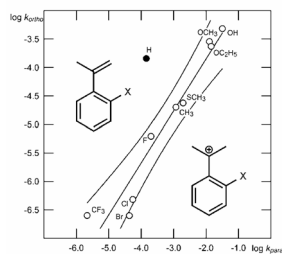


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2009, 74, 85–99

### ortho-Effect on the Acid-Catalyzed Hydration of 2-Substituted $\alpha$ -Methylstyrenes

Ondřej Prusek, Filip Bureš and Oldřich Pytela

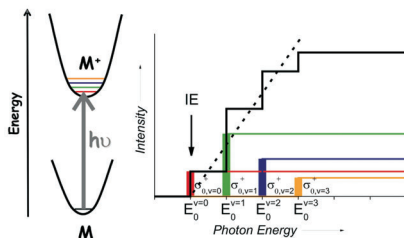


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2009, 74, 101–114

### First and Second Ionization Energies of 1,3,5-Trimethylbenzene and 2,4,6-Trimethylpyridine

Petr Milko, Detlef Schröder, Karel Lemr, Ján Žabka, Christian Alcaraz and Jana Roithová

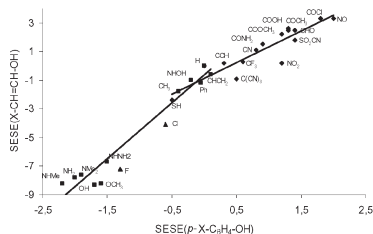


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2009, 74, 115–129

### Acyclic versus Cyclic $\pi$ -Electron Delocalization. How is the Substituent Effect Related to $\pi$ -Electron Delocalization?

Michał A. Dobrowolski, Jędrzej Kaniewski, Tadeusz M. Krygowski and Michał K. Cyrański

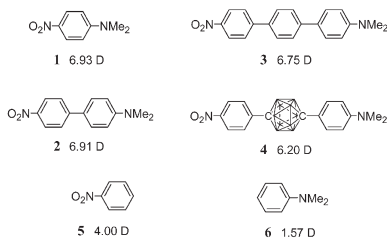


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2009, 74, 131–146

### Experimental and Computed Dipole Moments in Donor–Bridge–Acceptor Systems with *p*-Phenylene and *p*-Carboranediyl Bridges

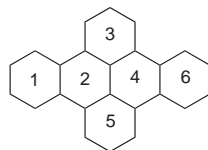
Ladislav Drož, Mark A. Fox, Drahomír Hnyk, Paul J. Low, J. A. Hugh MacBride and Václav Vřetečka

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### The Close Relation Between Cyclic Delocalization, Energy Effects of Cycles and Aromaticity

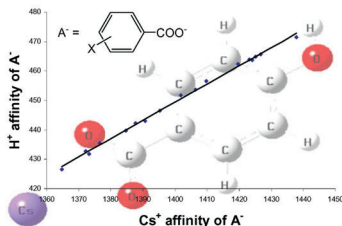
Robert Ponec, Stijn Fias, Sofie Van Damme, Patrick Bultinck, Ivan Gutman and Sonja Stanković

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2009, 74, 167–188

### Bonding Between the Cesium Cation and Substituted Benzoic Acids or Benzoate Anions in the Gas Phase: A Density Functional Theory and Mass Spectrometric Study

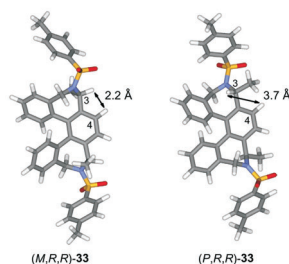
Charly Mayeux, Lionel Massi, Jean-François Gal, Pierre-Charles Maria, Jaana Tammiku-Taul, Ene-Liis Lohu and Peeter Burk

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2009, 74, 189–215

### The Quest for Alternative Routes to Racemic and Nonracemic Azahelicene Derivatives

Angelina Andronova, Florence Szydlo, Filip Teplý, Miroslava Tobrmanová, Amandine Volot, Irena G. Stará, Ivo Starý, Lubomír Rulíšek, David Šaman, Josef Cvačka, Pavel Fiedler and Pavel Vojtíšek



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**2009, 74, 217-241**

**A Comparative QSAR Study of SVM  
and PPR in the Correlation of Lithium  
Cation Basicities**

Alan R. Katritzky, Yueying Ren,  
Svetoslav H. Slavov and Mati Karelson

