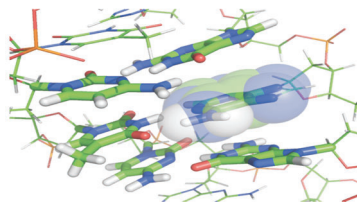


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2011, 76, 631–643

Photodynamics of the Adenine Model 4-Aminopyrimidine Embedded Within Double Strand of DNA

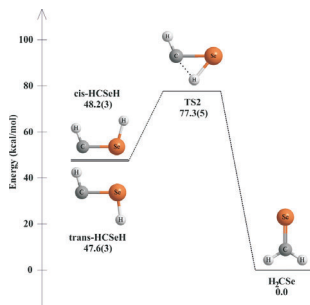
Tomáš Zelený, Pavel Hobza, Dana Nachtigallová,
Matthias Ruckebauer and Hans Lischka



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Do the Mercaptocarbene (H–C–S–H) and Selenocarbene (H–C–Se–H) Congeners of Hydroxycarbene (H–C–O–H) Undergo 1,2-H-Tunneling?

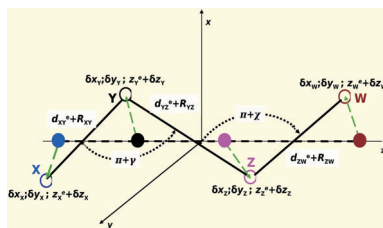
János Sarka, Attila G. Császár and
Peter R. Schreiner



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Vibrational Dynamics of Adsorbed CO₂: Separability of the CO₂ Asymmetric Stretching Mode

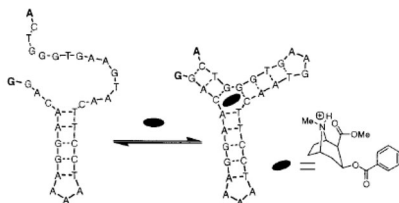
Ota Bludský, Petr Nachtigall and
Vladimír Špirko



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2011, 76, 683–694

Nanoporous Silica Colloidal Films with Molecular Transport Gated by Aptamers Responsive to Small Molecules

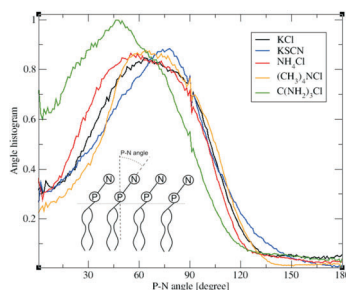
Alexis E. Abelow, Ryan J. White,
Kevin W. Plaxco and Ilya Zharov



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2011, 76, 695–711

Interactions of Molecular Ions with Model Phospholipid Membranes

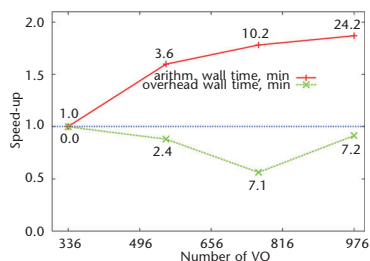
Michal Petrov, Lukasz Cwiklik and
Pavel Jungwirth



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2011, 76, 713–742

Parallelized Implementation of the CCSD(T) Method in MOLCAS Using Optimized Virtual Orbitals Space and Cholesky Decomposed Two-Electron Integrals

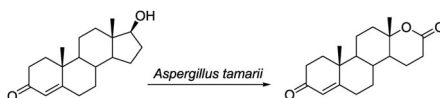
Michal Pitoňák, Francesco Aquilante,
Pavel Hobza, Pavel Neogrády, Jozef Noga and Miroslav Urban



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2011, 76, 743–754

Baeyer–Villiger Oxidation of Some Steroids by *Aspergillus tamarii* MRC 72400

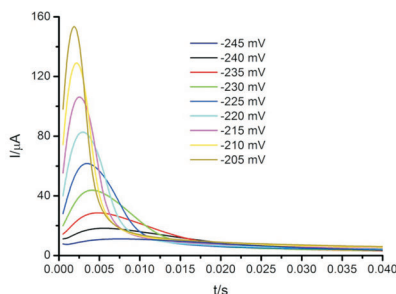
Kudret Yildirim, Ahmet Uzuner and
Emine Yasemin Gulcuoglu



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A Chronoamperometric Study of the Oxidative Nucleation of Niaziid and Isoniazid on Mercury Electrodes in Basic Solutions

Mercedes Ruiz Montoya, Sara Pintado and
José Miguel Rodríguez Mellado



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2011, 76, 763–780

**Synthesis and Characterization
of DMAP-Modified NPY Y_1 Receptor
Antagonists as Acyl-Transfer Catalysts**

Stefan Weiss, Günther Bernhardt,
Armin Buschauer and Burkhard König

