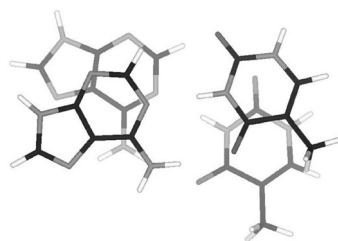


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2003, 68, 2231–2282

**Molecular Interactions of Nucleic Acid Bases.
A Review of Quantum-Chemical Studies**

Jiří Šponer and Pavel Hobza

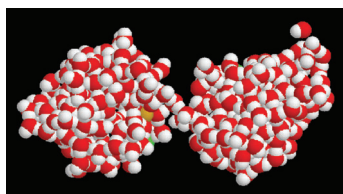


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2003, 68, 2283–2291

**Van der Waals Attraction and Coalescence
of Aqueous Salt Nanodroplets**

Pavel Jungwirth and Victoria Buch

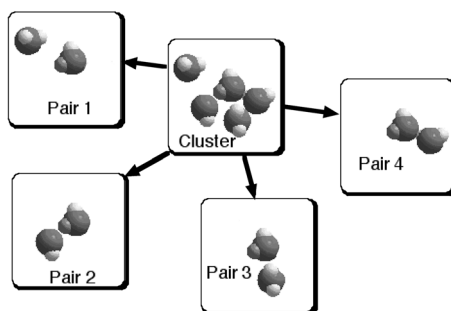


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2003, 68, 2292–2296

**Linear Scaling with Cluster Size
for Calculations of NMR Properties
in Liquids**

Markus G. Müller and
Hanspeter Huber

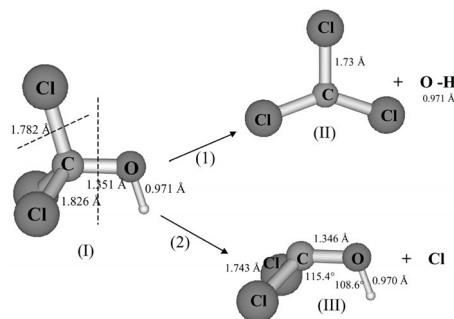


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2003, 68, 2297–2308

**The Importance of Photodissociative
Trichloromethanol for Atmospheric
Chemistry**

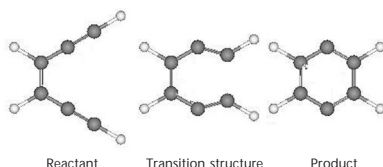
Max Mühlhäuser, Melanie Schnell and
Sigrid D. Peyerimhoff



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2003, 68, 2309–2321

Multireference Brillouin–Wigner Coupled Cluster Singles and Doubles (MRBWCCSD) and Multireference Doubles Configuration Interaction (MRD-CI) Calculations for the Bergman Cyclization Reaction

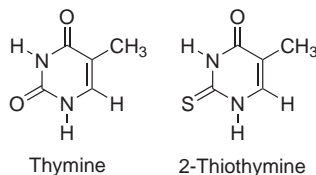


Oscar Rey Puiggros, Jiří Pittner, Petr Čársky,
Philipp Stampfuss and Wolfgang Wenzel

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2003, 68, 2322–2334

A Combined *ab initio* and Density Functional Study of the Electronic Structure of Thymine and 2-Thiothymine Radicals

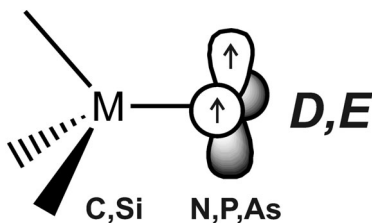


Robert Vianello and Zvonimir B. Maksić

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2003, 68, 2335–2343

Spin–Orbit Coupling in Biradicals. 4. Zero-Field Splitting in Triplet Nitrenes, Phosphinidenes, and Arsinidenes

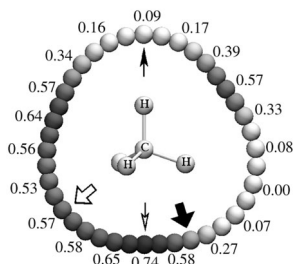


Zdeněk Havlas, Mojmír Kývala and
Josef Michl

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2003, 68, 2344–2354

Hardness and HOMO–LUMO Gap Probed by the Helium Atom Pushing the Molecular Surface of the First-Row Hydride Molecules



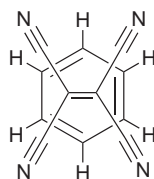
Edyta Małolepsza and Lucjan Piela

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2003, 68, 2355–2376

**Theoretical Study of Solvent Effect
on π -EDA Complexation I. SCF and
DFT Calculations Within Polarized
Continuum Model on TCNE–Benzene
Complex**

Ondrej Kysel', György Juhász and
Pavel Mach



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2003, 68, 2377–2385

**On the Stability of Hydroxo-Dilead(II)
Complex Cations**

Martin Breza and Stanislav Biskupič

