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Sarom S. Leang, Federico Zahariev, and Mark S. Gordon
J. Chem. Phys. 136, 104101 (2012)

Communication: A chemically accurate global potential energy surface for the HO + CO -> H + CO_2 reaction
Jun Li, Yimin Wang, Bin Jiang, Jianyi Ma, Richard Dawes, Daiqian Xie, Joel M. Bowman, and Hua Guo
J. Chem. Phys. **136**, 041103 (2012)

Perspective on density functional theory
Kieron Burke
J. Chem. Phys. **136**, 150901 (2012)

Thermodynamics of supercooled water
V. Holten, C. E. Bertrand, M. A. Anisimov, and J. V. Sengers
J. Chem. Phys. **136**, 094507 (2012)

Accurate ab initio potential energy surface, thermochemistry, and dynamics of the Cl(^{2}P, $^2P_{3/2}$) + CH_4 -> HCl + CH_3 and H + CH_3Cl reactions
Gábor Czakó and Joel M. Bowman
J. Chem. Phys. **136**, 044307 (2012)

B_{80} and $B_{101-103}$ clusters: Remarkable stability of the core-shell structures established by validated density functionals
Fengyu Li, Peng Jin, De-en Jiang, Lu Wang, Shengbai B. Zhang, Jijun Zhao, and Zhongfang Chen
J. Chem. Phys. **136**, 074302 (2012)

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Jochen Autschbach
J. Chem. Phys. **136**, 150902 (2012)

Communication: Correlation of the instantaneous and the intermediate-time elasticity with the structural relaxation in glassforming systems
F. Puosi and D. Leporini
J. Chem. Phys. **136**, 041104 (2012)

Correlation potentials for molecular bond dissociation within the self-consistent random phase approximation
Maria Hellgren, Daniel R. Rohr, and E. K. U. Gross
J. Chem. Phys. **136**, 034106 (2012)

Experimental and theoretical investigation of the triple differential cross section for electron impact ionization of pyrimidine molecules

for electron impact ionization of pyrimidine molecules
J. D. Builth-Williams, S. M. Bellm, D. B. Jones, Hari Chaluvadi, D. H. Madison, C. G. Ning, B. Lohmann, and M. J. Brunger
J. Chem. Phys. **136**, 024304 (2012)

Cavity ring-down spectroscopy of the oxygen B-band with absolute frequency reference to the optical frequency comb
J. Domysławska, S. Wójtewicz, D. Lisak, A. Cygan, F. Ozimek, K. Stec, Cz. Radzewicz, R. S. Trawiński, and R. Ciuryło
J. Chem. Phys. **136**, 024201 (2012)

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H. Yamagata and F. C. Spano
J. Chem. Phys. **136**, 184901 (2012)

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Zachary A. Piazza, Wei-Li Li, Constantin Romanescu, Alina P. Sergeeva, Lai-Sheng Wang, and Alexander I. Boldyrev
J. Chem. Phys. **136**, 104310 (2012)

Correlated intermolecular coupling fluctuations in photosynthetic complexes
Sebastiaan M. Vlaming and Robert J. Silbey
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