

-

A. Di Carlo, M. Monteferrante, P. Podio-Guidugli, V. Sansalone, L. Teresi: How (and why) twisting cycles make individual MWCNTs stiffer. In: Molecular Nanostructures (Proc. IWEPNM 2004; H. Kuzmany et al., eds.), pp 355-358, American Institute of Physics, Melville, NY, 2004.

-

M. Monteferrante, S. Bonella, S. Meloni, E. Vanden Eijnden, and G. Ciccotti: Calculations of free energy barriers for local mechanisms of hydrogen diffusion in alanates, *Scient. Model. and Simul.*, 15, 187, (2008).

-

M. Monteferrante, S. Bonella, S. Meloni, and G. Ciccotti: Modified single sweep method for reconstructing free energy landscapes, *Mol.Sim.*, 35, 1116, (2009).

-

S. Bonella, M. Monteferrante, C. Pierleoni, and G. Ciccotti: Path integral based calculations of symmetrized time correlation functions. I, *J. Chem. Phys.* 133, 164104 (2010).

-

S. Bonella, M. Monteferrante, C. Pierleoni, and G. Ciccotti: Path integral based calculations of symmetrized time correlation functions. II, *J. Chem. Phys.* 133, 164105 (2010).

-

M. Monteferrante, S. Bonella, and G. Ciccotti: Short range hydrogen diffusion in Na₃AlH₆, *Phys. Chem. Chem. Phys.* 13, 10546 (2011).

-

M. Monteferrante, S. Bonella, and G. Ciccotti: Linearized symmetrized quantum time correlation functions calculation via phase pre-averaging, *Mol. Phys.* 109, 3015 (2011).

-

A. Poma, M. Monteferrante, S. Bonella, and G. Ciccotti: Quantum free energy barrier for hydrogen vacancy diffusion in Na₃AlH₆, *Phys. Chem. Chem. Phys.* 14, 15458 (2012).

-

M. Monteferrante, S. Bonella, and G. Ciccotti: Quantum dynamical structure factor of liquid neon via a quasi classical symmetrized method, *J. Chem. Phys.* 138, 54118 (2013).

-

J. Beutier, M. Monteferrante, S. Bonella, R. Vuilleumier, G. Ciccotti: Gas phase infrared spectra via the phase integration quasi-classical method, *Mol. Sim.* 40, 196 (2014)

-

F. Gentile, M. Monteferrante, L. Chiodo, A. Toma, M.L. Coluccio, G. Ciccotti, E. Di Fabrizio: Electroless formation of silver nanoaggregates: an experimental and molecular dynamics approach, *Mol. Phys.* 112 (9-10), 1375-1388 (2014).