

Tiihonen, J, Kylänpää, I, Ruokosenmäki, I, & Rantala, T 2016, 'Quantum Monte Carlo methods from ground state to thermal equilibrium and real-time propagation of electronic structure' Paper presented at Winter School in Theoretical Chemistry 2016, Helsinki, Finland, 12/12/16 - 15/12/16.


Ruokosenmäki, I, Gholizadehkalkhoran, H, Kylänpää, I, & Rantala, T 2016, 'Path integral simulation of eigenstates and dynamics of electrons' Paper presented at Physics days 2016, Oulu, Finland, 29/03/15 - 31/03/16.


Yang, Y, Kylänpää, I, Tubman, NM, Krogel, JT, Hammes-Schiffer, S & Ceperley, DM 2015, 'How large are nonadiabatic effects in atomic and diatomic systems?' Journal of Chemical Physics, vol 143, no. 12, 124308. DOI: 10.1063/1.4931667

Bodrova, A, Chechkin, AV, Cherstvy, AG & Metzler, R 2015, 'Quantifying non-ergodic dynamics of force-free granular gases' Physical Chemistry Chemical Physics, vol 17, no. 34, pp. 21791-21798. DOI: 10.1039/c5cp02824h


Bauer, M, Rasmussen, ES, Lomholt, MA & Metzler, R 2015, 'Real sequence effects on the search dynamics of transcription factors on DNA' Scientific Reports, vol 5, 10072. DOI: 10.1038/srep10072


Shin, J, Cherstvy, AG & Metzler, R 2015, 'Polymer looping is controlled by macromolecular crowding, spatial confinement, and chain stiffness' ACS Macro Letters, vol 4, no. 2, pp. 202-206. DOI: 10.1021/mz500709w


Gholizadehkalkhoran, H & Turunen, E 2015, Detection of the relativistic electrons at atmosphere. in FINCOSPAR 2015. FINCOSPAR, Finland, 1 January.


Assanto, G & Smyth, NF 2015, 'Light-Induced Waveguides in Nematic Liquid Crystals' IEEE Journal of Selected Topics in Quantum Electronics, vol 22, no. 2, 7128341. DOI: 10.1109/JSTQE.2015.2446762


