Dawid Grabarek

List of Publications by Year
in descending order

10 papers	77 citations	1937685 4 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	108 citing authors

#	Article	IF	Citations
1	Assessment of Functionals for TDDFT Calculations of One- and Two-Photon Absorption Properties of Neutral and Anionic Fluorescent Proteins Chromophores. Journal of Chemical Theory and Computation, 2019, 15, 490-508.	5.3	27
2	Assessing the Accuracy of Various Ab Initio Methods for Geometries and Excitation Energies of Retinal Chromophore Minimal Model by Comparison with CASPT3 Results. Journal of Chemical Theory and Computation, 2016, 12, 2346-2356.	5.3	10
3	Refractive index and surface relief grating formation in DNA based dye-doped films. Macromolecular Research, 2013, 21, 331-337.	2.4	9
4	Illuminating the origins of twoâ€photon absorption properties in fluorescent protein chromophores. International Journal of Quantum Chemistry, 2020, 120, e26086.	2.0	7
5	What is the Optimal Size of the Quantum Region in Embedding Calculations of Two-Photon Absorption Spectra of Fluorescent Proteins?. Journal of Chemical Theory and Computation, 2020, 16, 6439-6455.	5.3	6
6	Removing artifacts in polarizable embedding calculations of one- and two-photon absorption spectra of fluorescent proteins. Journal of Chemical Physics, 2020, 153, 215102.	3.0	5
7	Excitedâ€state minima and emission energies of retinal chromophore analogues: Performance of CASSCF and CC2 methods as compared with CASPT2. Journal of Computational Chemistry, 2017, 38, 1799-1810.	3.3	4
8	The Role of Hydrogen Bonds and Electrostatic Interactions in Enhancing Twoâ€Photon Absorption in Green and Yellow Fluorescent Proteins. ChemPhysChem, 2022, 23, .	2.1	4
9	Is the choice of a standard zerothâ€order hamiltonian in CASPT2 ansatz optimal in calculations of excitation energies in protonated and unprotonated schiff bases of retinal?. Journal of Computational Chemistry, 2018, 39, 1470-1480.	3.3	3
10	Initial excitedâ€state relaxation of locked retinal protonated schiff base chromophore. An insight from coupled cluster and multireference perturbation theory calculations. Journal of Computational Chemistry, 2018, 39, 1720-1727.	3.3	2