

Dawid Grabarek

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

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citations

1937685
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1474206
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10
docs citations

10
times ranked

108
citing authors

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