

Igor A Yaroshevich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6475203/publications.pdf>

Version: 2024-02-01

13
papers

166
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of hydrogen bond alternation and charge transfer states in photoactivation of the Orange Carotenoid Protein. <i>Communications Biology</i> , 2021, 4, 539.	4.4	30
2	A genetically encoded fluorescent temperature sensor derived from the photoactive Orange Carotenoid Protein. <i>Scientific Reports</i> , 2019, 9, 8937.	3.3	26
3	Conformational and phase transitions in DNA-photosensitive surfactant solutions: Experiment and modeling. <i>Biopolymers</i> , 2015, 103, 109-122.	2.4	20
4	Probing of carotenoid-tryptophan hydrogen bonding dynamics in the single-tryptophan photoactive Orange Carotenoid Protein. <i>Scientific Reports</i> , 2020, 10, 11729.	3.3	20
5	Structural peculiarities of keto-carotenoids in water-soluble proteins revealed by simulation of linear absorption. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25707-25719.	2.8	18
6	Antigen-specific Stimulation and Expansion of CAR ⁺ Cells Using Membrane Vesicles as Target Cell Surrogates. <i>Small</i> , 2021, 17, e2102643.	10.0	17
7	Functional interpretation of the role of cyclic carotenoids in photosynthetic antennas via quantum chemical calculations. <i>Computational and Theoretical Chemistry</i> , 2015, 1070, 27-32.	2.5	14
8	Novel cryo-EM structure of an ADP-bound GroEL-GroES complex. <i>Scientific Reports</i> , 2021, 11, 18241.	3.3	9
9	Structural and Computational Study of the GroEL-Prion Protein Complex. <i>Biomedicines</i> , 2021, 9, 1649.	3.2	6
10	Orange Carotenoid Protein Absorption Spectra Simulation Using the Differential Evolution Algorithm. <i>Communications in Computer and Information Science</i> , 2019, , 302-312.	0.5	3
11	Molecular Dynamics Simulations of the Full-Length Prion Protein. <i>Lobachevskii Journal of Mathematics</i> , 2020, 41, 1502-1508.	0.9	2
12	Study of GroEL Conformational Mobility by Cryo-Electron Microscopy and Molecular Dynamics. <i>Crystallography Reports</i> , 2021, 66, 846-853.	0.6	1
13	Cryo-EM structure of the bullet-shaped GroEL-GroES complex at 3.6 Å resolution. <i>Microscopy and Microanalysis</i> , 2021, 27, 1120-1121.	0.4	0