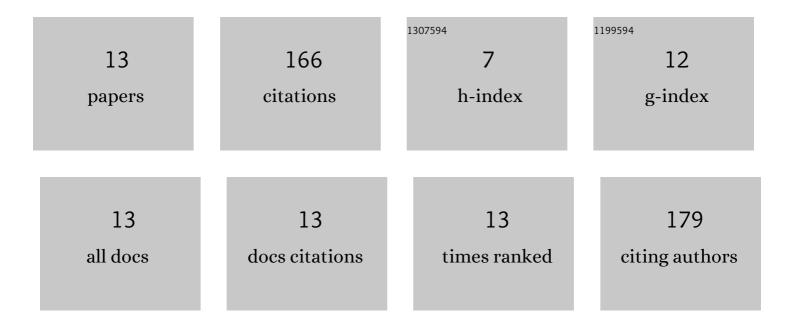
## Igor A Yaroshevich

List of Publications by Year in descending order

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