

Igor A Yaroshevich

List of Publications by Year in descending order

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13
papers

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1307594

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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 | 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 |
| 3 | Novel cryo-EM structure of an ADP-bound GroEL-GroES complex. <i>Scientific Reports</i> , 2021, 11, 18241. | 3.3 | 9 |
| 4 | Study of GroEL Conformational Mobility by Cryo-Electron Microscopy and Molecular Dynamics. <i>Crystallography Reports</i> , 2021, 66, 846-853. | 0.6 | 1 |
| 5 | Antigen-specific Stimulation and Expansion of CAR-T Cells Using Membrane Vesicles as Target Cell Surrogates. <i>Small</i> , 2021, 17, e2102643. | 10.0 | 17 |
| 6 | Structural and Computational Study of the GroEL-Prion Protein Complex. <i>Biomedicines</i> , 2021, 9, 1649. | 3.2 | 6 |
| 7 | 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 |
| 8 | Molecular Dynamics Simulations of the Full-Length Prion Protein. <i>Lobachevskii Journal of Mathematics</i> , 2020, 41, 1502-1508. | 0.9 | 2 |
| 9 | A genetically encoded fluorescent temperature sensor derived from the photoactive Orange Carotenoid Protein. <i>Scientific Reports</i> , 2019, 9, 8937. | 3.3 | 26 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Conformational and phase transitions in DNA-photosensitive surfactant solutions: Experiment and modeling. <i>Biopolymers</i> , 2015, 103, 109-122. | 2.4 | 20 |