

# Vladimir V Poddubnyy

## List of Publications by Year in descending order

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8  
papers

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1937685

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docs citations

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68  
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#	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	Ab initio calculation of excitonic Hamiltonian of light-harvesting complex LH1 of <i>Thermochromatium tepidum</i> . <i>Chemical Physics Letters</i> , 2016, 645, 48-52.	2.6	8
3	Calculation of the excited states properties of LH1 complex of <i>Thermochromatium tepidum</i> . <i>Journal of Computational Chemistry</i> , 2018, 39, 1599-1606.	3.3	6
4	Comparison of the Coulomb and non-orthogonal approaches to the construction of the exciton Hamiltonian. <i>Computational and Theoretical Chemistry</i> , 2019, 1153, 12-18.	2.5	5
5	The origin of the red shift of $Q_y$ band of chlorophylls d and f. <i>Chemical Physics Letters</i> , 2021, 778, 138792.	2.6	2
6	Protein Vibration Effects on Primary Electron Transfer Dynamics in <i>Rhodobacter sphaeroides</i> Photosynthetic Reaction Center. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10639-10647.	2.6	2
7	Electron-Vibrational Spectra and Dynamics of the Lutein Molecule. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5780-5787.	2.6	2
8	Stability and properties of quasi-stable conformational states in the LH2 light-harvesting complex of <i>Rbl. acidophilus</i> bacteria formed by hexacoordination of bacteriochlorophyll a magnesium atom. <i>Chemical Physics</i> , 2017, 490, 81-91.	1.9	0