

# Vladimir V Poddubnyy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5467120/publications.pdf>

Version: 2024-02-01

8

papers

56

citations

1937685

4

h-index

1720034

7

g-index

8

all docs

8

docs citations

8

times ranked

68

citing authors

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