

# Ksenia B Tereshkina

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

135  
citations

1163117

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h-index

1281871

11  
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17  
all docs

17  
docs citations

17  
times ranked

92  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological peculiarities of the DNA-protein complexes in starved Escherichia coli cells. PLoS ONE, 2020, 15, e0231562.	2.5	26
2	Efficient calculation of diffracted intensities in the case of nonstationary scattering by biological macromolecules under XFEL pulses. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 293-303.	2.5	18
3	Biocrystallization of bacterial nucleoid under stress. Russian Journal of Physical Chemistry B, 2017, 11, 833-838.	1.3	14
4	Interaction of deoxyribonucleic acid with deoxyribonucleic acid-binding protein from starved cells: cluster formation and crystal growing as a model of initial stages of nucleoid biocrystallization. Journal of Biomolecular Structure and Dynamics, 2019, 37, 2600-2607.	3.5	14
5	Biocrystallization in Bacterial and Fungal Cells and Spores. Crystallography Reports, 2018, 63, 594-599.	0.6	12
6	Possible mechanisms of the influence of hexylresorcinol on the structure-dynamic and functional properties of lysozyme protein. Russian Journal of Physical Chemistry B, 2012, 6, 301-314.	1.3	11
7	Structure of DPS Protein Complexes with DNA. Russian Journal of Physical Chemistry B, 2019, 13, 769-777.	1.3	11
8	Biocrystalline structures in the nucleoids of the stationary and dormant prokaryotic cells. Microbiology, 2017, 86, 714-727.	1.2	9
9	New possibilities of X-ray nanocrystallography of biological macromolecules based on X-ray free-electron lasers. Russian Journal of Physical Chemistry B, 2014, 8, 457-463.	1.3	5
10	Influence of small-molecule ligands and their complexes on lysozyme properties. Russian Journal of Physical Chemistry B, 2014, 8, 534-542.	1.3	3
11	Femtosecond X-ray free-electron lasers: A new tool for studying nanocrystals and single macromolecules. Russian Journal of Physical Chemistry B, 2014, 8, 445-456.	1.3	3
12	Molecular dynamics of DNA-binding protein and its 2D-crystals. Journal of Physics: Conference Series, 2021, 2056, 012016.	0.4	3
13	Migration of 4-Hexylresorcinol Through Escherichia coli Cell Membranes. Russian Journal of Physical Chemistry B, 2021, 15, 1026-1035.	1.3	2
14	The correlation dependence of the critical Reynolds number of the laminar-turbulent transition on the equilibrium constant of dimerization in a gas. Russian Journal of Physical Chemistry B, 2011, 5, 124-130.	1.3	1
15	Projection Structures of DNA-Dps Co-crystals are Determined by the Length of the Incorporated DNA. Microscopy and Microanalysis, 2018, 24, 1240-1241.	0.4	1
16	Continual model of nanostructures, clusters and massive bodies. , 2015, , .		0