

# Nikita Yuryevich Kruchinin

## List of Publications by Year in descending order

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20  
papers

196  
citations

840119

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1058022

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Conformational Changes of Polyelectrolyte Macromolecules on the Surface of Charged Prolate Metal Nanospheroid in Alternating Electric Field. <i>Polymer Science - Series A</i> , 2022, 64, 240-254.	0.4	5
2	Molecular Dynamics Simulation of the Conformational Structure of Uniform Polypeptides on the Surface of a Polarized Metal Prolate Nanospheroid with Varying pH. <i>Russian Journal of Physical Chemistry A</i> , 2022, 96, 624-632.	0.1	2
3	Statistical and Molecular-Dynamics Simulation of Electrically Induced Changes in the Conformational Structure of Polyampholytes on the Surface of a Flattened Metal Nanospheroid. <i>Colloid Journal</i> , 2022, 84, 169-182.	0.5	5
4	Conformational Changes of Uniformly Charged Polyelectrolyte Chains on the Surface of a Polarized Gold Nanoparticle: Molecular Dynamics Simulation and the Theory of a Gaussian Chain in a Field. <i>Russian Journal of Physical Chemistry A</i> , 2021, 95, 362-371.	0.1	11
5	REARRANGEMENT OF THE CONFORMATIONAL STRUCTURE OF POLYAMPHOLYTES ON THE SURFACE OF A METAL NANOWIRE IN A TRANSVERSE MICROWAVE ELECTRIC FIELD. <i>Eurasian Physical Technical Journal</i> , 2021, 18, 16-28.	0.1	10
6	Molecular Dynamics Simulation of Uniformly Charged Polypeptides on the Surface of a Charged Metal Nanoparticle in an Alternating Electric Field. <i>Colloid Journal</i> , 2021, 83, 326-334.	0.5	12
7	Rearrangements in the Conformational Structure of Polypeptides on the Surface of a Metal Nanowire in Rotating Electric Field: Molecular Dynamics Simulation. <i>Colloid Journal</i> , 2021, 83, 79-87.	0.5	12
8	Rearrangements in the conformational structure of polyampholytic polypeptides on the surface of a uniformly charged and polarized nanowire: Molecular dynamics simulation. <i>Surfaces and Interfaces</i> , 2021, 27, 101517.	1.5	9
9	Molecular Dynamics Simulation of Conformational Rearrangements in Polyelectrolyte Macromolecules on the Surface of a Charged or Polarized Prolate Spheroidal Metal Nanoparticle. <i>Colloid Journal</i> , 2021, 83, 591-604.	0.5	10
10	Modeling the Conformational Rearrangement of Polyampholytes on the Surface of a Prolate Spheroidal Metal Nanoparticle in Alternating Electric Field. <i>High Energy Chemistry</i> , 2021, 55, 442-453.	0.2	10
11	Electrically Induced Conformational Changes in Gold Cluster-Bonded Polyampholytic Polypeptides on a Surface of Gold: Molecular Dynamic Simulation. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 1433-1438.	0.1	12
12	A Molecular Dynamics Simulation of Polyampholytic Polypeptides Associated with Atomic Clusters on the Surfaces of Metal-Like Nanoobjects. <i>Biophysics (Russian Federation)</i> , 2020, 65, 186-194.	0.2	12
13	Conformational Rearrangements of Polyampholytic Polypeptides on Metal Nanoparticle Surface in Microwave Electric Field: Molecular-Dynamics Simulation. <i>Colloid Journal</i> , 2020, 82, 392-402.	0.5	13
14	Molecular-Dynamics Simulation of Rearrangements in the Conformational Structure of Polyampholytic Macromolecules on the Surface of a Polarized Metal Nanoparticle. <i>Colloid Journal</i> , 2020, 82, 136-143.	0.5	15
15	Plasmon Activation and Luminescence Quenching of Solutions of Polyphenylene Vinylene (MEH-PPV) by Single-Walled and Double-Walled Carbon Nanotubes. <i>Optics and Spectroscopy (English Translation of) Tj ETQq1 1 0.284314rgBT /Over</i>		
16	Molecular Dynamics Simulation of Electrically Induced Conformational Changes of Polyampholytic Polypeptides on Gold Nanoparticle Surface. <i>Colloid Journal</i> , 2019, 81, 110-119.	0.5	14
17	Molecular Dynamics Simulation of Conformational Structures Polyampholytes on the Surface of Gold Nanoparticle. <i>Siberian Journal of Physics</i> , 2018, 13, 86-94.	0.1	2
18	Intermolecular nonradiative energy transfer in clusters with plasmonic nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2015, 118, 103-110.	0.2	14

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19	Change in the kinetics of delayed annihilation fluorescence during rearrangement of polymer-chain structure in a nanocavity of a solid adsorbent. High Energy Chemistry, 2009, 43, 592-598.	0.2	14
20	Kinetics of photoreactions in a regular porous nanostructure with cylindrical cells filled with activator-containing macromolecules. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya) 2010, 15, 50-56.	0.2	10