

Natalie Malikova

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

319
citations

1307594

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1281871

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g-index

12
all docs

12
docs citations

12
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of polycation/cation competition on the aggregation threshold of magnetic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125876.	4.7	3
2	Multiscale Water Dynamics on Protein Surfaces: Protein-Specific Response to Surface Ions. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8673-8681.	2.6	9
3	Organisation of clay nanoplatelets in a polyelectrolyte-based hydrogel. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 358-367.	9.4	9
4	Aggregation of Plate-like Colloids Induced by Charged Polymer Chains: Organization at the Nanometer Scale Tuned by Polymer Charge Density. <i>Langmuir</i> , 2019, 35, 10937-10946.	3.5	7
5	Ion-specificity and surface water dynamics in protein solutions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 30340-30350.	2.8	20
6	Flocculation of Clay Colloids Induced by Model Polyelectrolytes: Effects of Relative Charge Density and Size. <i>ChemPhysChem</i> , 2017, 18, 2756-2765.	2.1	11
7	The scientific life of Vojko Vlachy. <i>Journal of Molecular Liquids</i> , 2017, 228, 1-3.	4.9	0
8	Counter-ion binding and mobility in the presence of hydrophobic polyions – combining molecular dynamics simulations and NMR. <i>AIP Advances</i> , 2016, 6, 065214.	1.3	7
9	On the crossroads of current polyelectrolyte theory and counterion-specific effects. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 5650-5658.	2.8	27
10	Aqueous solutions of tetraalkylammonium halides: ion hydration, dynamics and ion-ion interactions in light of steric effects. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 13447-13457.	2.8	46
11	Aqueous solutions of ionenes: interactions and counterion specific effects as seen by neutron scattering. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 12898.	2.8	26
12	New Insights on the Distribution of Interlayer Water in Bi-Hydrated Smectite from X-ray Diffraction Profile Modeling of 00l Reflections. <i>Chemistry of Materials</i> , 2005, 17, 3499-3512.	6.7	154