

Josip PoÅ¾ar

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Predicting the outcomes of interpolyelectrolyte neutralization at surfaces on the basis of complexation experiments and vice versa. <i>Soft Matter</i> , 2022, 18, 744-754.	2.7	6
2	The Role of Triazole and Glucose Moieties in Alkali Metal Cation Complexation by Lower-Rim Tertiary-Amide Calix[4]arene Derivatives. <i>Molecules</i> , 2022, 27, 470.	3.8	4
3	Interactions of zein and zein/rosin nanoparticles with natural polyanion gum arabic. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111289.	5.0	19
4	Solvophobically Driven Complexation of Adamantyl Mannoside with β -Cyclodextrin in Water and Structured Organic Solvents. <i>Chemistry - A European Journal</i> , 2020, 26, 5208-5219.	3.3	8
5	Solvophobically Driven Complexation of Adamantyl Mannoside with β -Cyclodextrin in Water and Structured Organic Solvents. <i>Chemistry - A European Journal</i> , 2020, 26, 5104-5104.	3.3	0
6	Soft nanotechnology: the potential of polyelectrolyte multilayers against E. coli adhesion to surfaces. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2020, 71, 63-68.	0.7	1
7	Functional self-assembled nanovesicles based on β -cyclodextrin, liposomes and adamantyl guanidines as potential nonviral gene delivery vectors. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4640-4651.	2.8	13
8	Neutral glycoconjugated amide-based calix[4]arenes: complexation of alkali metal cations in water. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 904-912.	2.8	6
9	Optimization of Omeprazole Synthesis: Physico-Chemical Steering Towards Greener Processes. <i>ChemistrySelect</i> , 2017, 2, 4899-4905.	1.5	6
10	Solvation Effect on Complexation of Alkali Metal Cations by a Calix[4]arene Ketone Derivative. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8539-8550.	2.6	5
11	Solid-State Chemistry and Polymorphism of the Nucleobase Adenine. <i>Crystal Growth and Design</i> , 2016, 16, 3262-3270.	3.0	21
12	Conditions Leading to Polyelectrolyte Complex Overcharging in Solution: Complexation of Poly(acrylate) Anion with Poly(allylammonium) Cation. <i>Macromolecules</i> , 2016, 49, 8672-8685.	4.8	22
13	The effect of cation type, ionic strength and temperature on the complexation between polyallylammonium cation and polystyrenesulfonate anion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 510, 159-168.	4.7	8
14	Complexation between lysozyme and sodium poly(styrenesulfonate): The effect of pH, reactant concentration and titration direction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 483, 171-180.	4.7	10
15	Fluorescent phenanthridine-based calix[4]arene derivatives: synthesis and thermodynamic and computational studies of their complexation with alkali-metal cations. <i>RSC Advances</i> , 2015, 5, 23900-23914.	3.6	20
16	Complexation between polyallylammonium cations and polystyrenesulfonate anions: the effect of ionic strength and the electrolyte type. <i>Soft Matter</i> , 2014, 10, 6530-6545.	2.7	37
17	Design and construction of an quasi-adiabatic dissolution calorimeter with a novel dosing apparatus and a low heat capacity. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 901-907.	3.6	2
18	Experimental and computational study of the complexation of Adamantyl glycosides with β -cyclodextrin. <i>Tetrahedron</i> , 2013, 69, 8051-8063.	1.9	12

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19	Protonation equilibrium of the poly(allylammonium) cation in an aqueous solution of binary 1:1 electrolytes. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 7210.	2.8	13
20	Complexation of Oxonium and Ammonium Ions by Lower-rim Calix[4]arene Amino Acid Derivatives. <i>Croatica Chemica Acta</i> , 2012, 85, 541-552.	0.4	8
21	Ion-specific and charge effects in counterion binding to poly(styrenesulfonate) anions. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15610.	2.8	24
22	An idiosyncratic serine ordering loop in methanogen seryl-tRNA synthetases guides substrates through seryl-tRNA ^{Ser} formation. <i>Biochimie</i> , 2011, 93, 1761-1769.	2.6	6
23	Thermodynamics of Complexation of Alkali Metal Cations by a Lower-Rim Calix[4]arene Amino Acid Derivative. <i>Journal of Solution Chemistry</i> , 2010, 39, 835-848.	1.2	13
24	Copper(I) and silver(I) complexes of 1,5-methylene- and diethylmethylene-bridged bis(oxazoline) ligands. In situ Cu(II)-catalyzed oxidation of methylene bridge. <i>Tetrahedron</i> , 2004, 60, 8079-8087.	1.9	12