Josip PoÅ¾ar

List of Publications by Year
in descending order

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24	276	933447 10	940533 16
papers	citations	h-index	g-index

25	25	25	392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complexation between polyallylammonium cations and polystyrenesulfonate anions: the effect of ionic strength and the electrolyte type. Soft Matter, 2014, 10, 6530-6545.	2.7	37
2	Ion-specific and charge effects in counterion binding to poly(styrenesulfonate) anions. Physical Chemistry Chemical Physics, 2011, 13, 15610.	2.8	24
3	Conditions Leading to Polyelectrolyte Complex Overcharging in Solution: Complexation of Poly(acrylate) Anion with Poly(allylammonium) Cation. Macromolecules, 2016, 49, 8672-8685.	4.8	22
4	Solid-State Chemistry and Polymorphism of the Nucleobase Adenine. Crystal Growth and Design, 2016, 16, 3262-3270.	3.0	21
5	Fluorescent phenanthridine-based calix[4]arene derivatives: synthesis and thermodynamic and computational studies of their complexation with alkali-metal cations. RSC Advances, 2015, 5, 23900-23914.	3.6	20
6	Interactions of zein and zein/rosin nanoparticles with natural polyanion gum arabic. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111289.	5.0	19
7	Thermodynamics of Complexation of Alkali Metal Cations by a Lower-Rim Calix[4]arene Amino Acid Derivative. Journal of Solution Chemistry, 2010, 39, 835-848.	1.2	13
8	Protonation equilibrium of the poly(allylammonium) cation in an aqueous solution of binary 1â€‰:â€‰1 electrolytes. Physical Chemistry Chemical Physics, 2013, 15, 7210.	2.8	13
9	Functional self-assembled nanovesicles based on Î²-cyclodextrin, liposomes and adamantyl guanidines as potential nonviral gene delivery vectors. Organic and Biomolecular Chemistry, 2019, 17, 4640-4651.	2.8	13
10	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. Tetrahedron, 2004, 60, 8079-8087.	1.9	12
11	Experimental and computational study of the complexation ofÂadamantyl glycosides with Î²-cyclodextrin. Tetrahedron, 2013, 69, 8051-8063.	1.9	12
12	Complexation between lysozyme and sodium poly(styrenesulfonate): The effect of pH, reactant concentration and titration direction. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 483, 171-180.	4.7	10
13	Complexation of Oxonium and Ammonium Ions by Lower-rim Calix[4]arene Amino Acid Derivatives. Croatica Chemica Acta, 2012, 85, 541-552.	0.4	8
14	The effect of cation type, ionic strength and temperature on the complexation between polyallylammonium cation and polystyrenesulfonate anion. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 510, 159-168.	4.7	8
15	Solvophobically Driven Complexation of Adamantyl Mannoside with Î²â€Cyclodextrin in Water and Structured Organic Solvents. Chemistry - A European Journal, 2020, 26, 5208-5219.	3.3	8
16	An idiosyncratic serine ordering loop in methanogen seryl-tRNA synthetases guides substrates through seryl-tRNASer formation. Biochimie, 2011, 93, 1761-1769.	2.6	6
17	Optimization of Omeprazole Synthesis: Physico-Chemical Steering Towards Greener Processes. ChemistrySelect, 2017, 2, 4899-4905.	1.5	6
18	Neutral glycoconjugated amide-based calix[4]arenes: complexation of alkali metal cations in water. Organic and Biomolecular Chemistry, 2018, 16, 904-912.	2.8	6

#	Article	IF	Citations
19	Predicting the outcomes of interpolyelectrolyte neutralization at surfaces on the basis of complexation experiments and vice versa. Soft Matter, 2022, 18, 744-754.	2.7	6
20	Solvation Effect on Complexation of Alkali Metal Cations by a Calix[4]arene Ketone Derivative. Journal of Physical Chemistry B, 2017, 121, 8539-8550.	2.6	5
21	The Role of Triazole and Glucose Moieties in Alkali Metal Cation Complexation by Lower-Rim Tertiary-Amide Calix[4]arene Derivatives. Molecules, 2022, 27, 470.	3.8	4
22	Design and construction of an quasi-adiabatic dissolution calorimeter with a novel dosing apparatus and a low heat capacity. Journal of Thermal Analysis and Calorimetry, 2014, 117, 901-907.	3.6	2
23	Soft nanotechnology: the potential of polyelectrolyte multilayers against E. coli adhesion to surfaces. Arhiv Za Higijenu Rada I Toksikologiju, 2020, 71, 63-68.	0.7	1
24	Solvophobically Driven Complexation of Adamantyl Mannoside with Î²â€Cyclodextrin in Water and Structured Organic Solvents. Chemistry - A European Journal, 2020, 26, 5104-5104.	3.3	0