

# Elmira A Vasilieva

## List of Publications by Year in descending order

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17  
papers

316  
citations

840776

11  
h-index

940533

16  
g-index

17  
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17  
docs citations

17  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel supramolecular catalytic system based on amphiphilic triphenylphosphonium bromide for the hydrolysis of phosphorus acid esters. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 95-102.	4.7	44
2	Structural, biocomplexation and gene delivery properties of hydroxyethylated gemini surfactants with varied spacer length. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 269-277.	5.0	30
3	Self-Assembling Drug Formulations with Tunable Permeability and Biodegradability. <i>Molecules</i> , 2021, 26, 6786.	3.8	29
4	Soft Nanocontainers Based on Hydroxyethylated Geminis: Role of Spacer in Self-Assembling, Solubilization, and Complexation with Oligonucleotide. <i>Journal of Physical Chemistry C</i> , 2020, 124, 2178-2192.	3.1	27
5	Cationic liposomes mediated transdermal delivery of meloxicam and ketoprofen: Optimization of the composition, in vitro and in vivo assessment of efficiency. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120803.	5.2	26
6	Mixed self-assembly of polyacrylic acid and oppositely charged gemini surfactants differing in the structure of head group. <i>Fluid Phase Equilibria</i> , 2014, 376, 172-180.	2.5	21
7	Polyelectrolyte Capsules with Tunable Shell Behavior Fabricated by the Simple Layer-by-Layer Technique for the Control of the Release and Reactivity of Small Guests. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18865-18872.	3.1	20
8	Supramolecular systems based on hydrotropes, their analogues and mixtures with typical surfactants. Structural behavior, enhanced solubilization and viscosity properties. <i>Journal of Molecular Liquids</i> , 2015, 203, 104-110.	4.9	20
9	Enhancement of the Transdermal Delivery of Nonsteroidal Anti-inflammatory Drugs Using Liposomes Containing Cationic Surfactants. <i>ACS Omega</i> , 2022, 7, 25741-25750.	3.5	19
10	The polyacrylic acid/modified chitosan capsules with tunable release of small hydrophobic probe and drug. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 471, 93-100.	4.7	18
11	Step-by-step design of novel biomimetic nanoreactors based on amphiphilic calix[4]arene immobilized on polymer or mineral platforms for destruction of ecological toxicants. <i>Chemical Engineering Journal</i> , 2012, 185-186, 285-293.	12.7	15
12	Comparative Study of Aqueous Solutions of Cationic Surfactants: Structure/Activity Relation in Their Aggregation and Solubilization Behavior and Complexation with an Oligonucleotide. <i>Chemistry Letters</i> , 2012, 41, 1226-1228.	1.3	11
13	Aggregation of a pyrrolidinium surfactant in the presence of polymers and hydrotropes. <i>Surface Innovations</i> , 2020, 8, 190-199.	2.3	11
14	Polyelectrolyte nanocapsules with controlled properties fabricated by layer-by-layer deposition of polyethyleneimine and graft-copolyimide with polymethacrylic acid side chains. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 526, 20-28.	4.7	10
15	Supramolecular strategy of the encapsulation of low-molecular-weight food ingredients. , 2016, , 295-362.		9
16	The synthesis of CdSe quantum dots stabilized by polymers and polyelectrolyte capsules. <i>Surface Innovations</i> , 2020, 8, 38-45.	2.3	5
17	Synthesis and aggregation properties of new biodegradable amphiphilic derivatives of p-tert-butylphenol for green separation of Gd(III) ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 480, 343-350.	4.7	1