

# Alexander A Yaroslavov

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

553  
citations

623188

14  
h-index

610482

24  
g-index

32  
all docs

32  
docs citations

32  
times ranked

652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymer-Induced Flip-Flop in Biomembranes. <i>Accounts of Chemical Research</i> , 2006, 39, 702-710.	7.6	66
2	Polyelectrolyte-coated liposomes: Stabilization of the interfacial complexes. <i>Advances in Colloid and Interface Science</i> , 2008, 142, 43-52.	7.0	52
3	What Is the Effective Charge of TGA-Stabilized CdTe Nanocolloids?. <i>Journal of the American Chemical Society</i> , 2005, 127, 7322-7323.	6.6	41
4	Liposome Fusion Rates Depend upon the Conformation of Polycation Catalysts. <i>Journal of the American Chemical Society</i> , 2011, 133, 2881-2883.	6.6	37
5	Capacious and programmable multi-liposomal carriers. <i>Nanoscale</i> , 2015, 7, 1635-1641.	2.8	34
6	Liposomes Remain Intact When Complexed with Polycationic Brushes. <i>Journal of the American Chemical Society</i> , 2010, 132, 5948-5949.	6.6	33
7	The Influence of the Chain Length of Polycations on their Complexation with Anionic Liposomes. <i>ChemPhysChem</i> , 2015, 16, 2849-2853.	1.0	30
8	Payload release by liposome burst: Thermal collapse of microgels induces satellite destruction. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1491-1494.	1.7	29
9	Polyelectrolyte complexes based on natural macromolecules for chemical sand/soil stabilization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 590, 124504.	2.3	27
10	Electrostatically Driven Complexation of Liposomes with a Star-shaped Polyelectrolyte to Low-toxicity Multi-liposomal Assemblies. <i>Macromolecular Bioscience</i> , 2014, 14, 491-495.	2.1	23
11	Biomembrane Sensitivity to Structural Changes in Bound Polymers. <i>Journal of the American Chemical Society</i> , 2009, 131, 1666-1667.	6.6	18
12	Lipid Segregation in Membranes of Anionic Liposomes Adsorbed onto Polycationic Brushes. <i>Chemistry - A European Journal</i> , 2013, 19, 13674-13678.	1.7	18
13	Humic acid-based interpolyelectrolyte complexes for antierosion protection of soil: Model investigation. <i>Land Degradation and Development</i> , 2019, 30, 337-347.	1.8	18
14	Effect of cholesterol on the phase state and permeability of mixed liposomes composed of anionic diphosphatidylglycerol and zwitterionic dipalmitoylphosphatidylcholine. <i>Mendeleev Communications</i> , 2016, 26, 99-100.	0.6	16
15	Polylysine decelerates kinetics of negatively charged gramicidin channels as shown by sensitized photoinactivation. <i>FEBS Letters</i> , 1998, 440, 235-238.	1.3	14
16	A Novel Approach to Increase the Stability of Liposomal Containers via In Prep Coating by Poly[N-(2-Hydroxypropyl)Methacrylamide] with Covalently Attached Cholesterol Groups. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700508.	1.1	14
17	Amino-terminated polylactide micelles with an external poly(ethylene oxide) corona as carriers of drug-loaded anionic liposomes. <i>Polymer International</i> , 2018, 67, 1352-1358.	1.6	10
18	Intracellular delivery of drugs by chitosan-based multi-liposomal complexes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111062.	2.5	10

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19	A novel approach to a controlled opening of liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 190, 110906.	2.5	10
20	Interpolyelectrolyte complexes as effective structure-forming agents for Chernozem soil. <i>Land Degradation and Development</i> , 2021, 32, 1022-1033.	1.8	10
21	Initial-Stage Dynamics of Flocculation of Cationic Colloidal Particles Induced by Negatively Charged Polyelectrolytes, Polyelectrolyte Complexes, and Microgels Studied Using Standardized Colloid Mixing. <i>Langmuir</i> , 2020, 36, 8375-8383.	1.6	9
22	Water retention in sandy substrates modified by cross-linked polymeric microgels and their complexes with a linear cationic polymer. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50754.	1.3	6
23	Interpolyelectrolyte complexes based on hydrolyzed polyacrylonitrile for anti-erosion stabilization of soils and ground. <i>Polymer International</i> , 2022, 71, 697-705.	1.6	6
24	Composition and properties of complexes between anionic liposomes and diblock copolymers with cationic and poly(ethylene oxide) blocks. <i>Polymer International</i> , 2017, 66, 1669-1674.	1.6	5
25	PEO-b-PPO star-shaped polymers enhance the structural stability of electrostatically coupled liposome/polyelectrolyte complexes. <i>PLoS ONE</i> , 2019, 14, e0210898.	1.1	5
26	Ecotoxicity of polyelectrolyte formulations in water and soil matrices. <i>Environmental Science and Pollution Research</i> , 2022, 29, 65489-65499.	2.7	5
27	Doxorubicin Loaded Magnetosensitive Water-Soluble Nanogel Based on NIPAM and Iron (3+) Containing Nanoparticles. <i>Macromolecular Symposia</i> , 2020, 389, 1900072.	0.4	3
28	Multifunctional carriers for controlled drug delivery. <i>Pure and Applied Chemistry</i> , 2020, 92, 919-939.	0.9	3
29	Temperature-induced unloading of liposomes bound to microgels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 630, 127590.	2.3	1
30	Contributory presentations/posters. <i>Journal of Biosciences</i> , 1999, 24, 33-198.	0.5	0
31	Magnetosensitive Water-Soluble Nanocomposite Based on Sodium Alginate and Fe <sub>2</sub> O <sub>3</sub> Nanoparticles. <i>Macromolecular Symposia</i> , 2020, 389, 1900082.	0.4	0
32	A Dramatic Change in Rheological Behavior of a Clay Material Caused by a Minor Addition of Hydrophilic and Amphiphilic Polyelectrolytes. <i>Polymers</i> , 2021, 13, 3662.	2.0	0