

# Volodymyr F Korolovych

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Template-Guided Assembly of Silk Fibroin on Cellulose Nanofibers for Robust Nanostructures with Ultrafast Water Transport. ACS Nano, 2017, 11, 12008-12019.	14.6	107
2	Wrapping Nanocellulose Nets around Graphene Oxide Sheets. Angewandte Chemie - International Edition, 2018, 57, 8508-8513.	13.8	93
3	Cellulose nanocrystals with different morphologies and chiral properties. Polymer, 2018, 145, 334-347.	3.8	66
4	Hierarchical Assembly of Star Polymer Polymersomes into Responsive Multicompartmental Microcapsules. Chemistry of Materials, 2016, 28, 975-985.	6.7	47
5	Thermally Responsive Hyperbranched Poly(ionic liquid)s: Assembly and Phase Transformations. Macromolecules, 2018, 51, 4923-4937.	4.8	33
6	Assembly of Amphiphilic Hyperbranched Polymeric Ionic Liquids in Aqueous Media at Different pH and Ionic Strength. Macromolecules, 2016, 49, 8697-8710.	4.8	31
7	State of aggregation and toxicity of aqueous fullerene solutions. Applied Surface Science, 2019, 483, 69-75.	6.1	29
8	Novel branched nanostructures based on polyhedral oligomeric silsesquioxanes and azobenzene dyes containing different spacers and isolation groups. Journal of Materials Chemistry C, 2018, 6, 4065-4076.	5.5	16
9	Viscoelastic properties and ion dynamics in star-shaped polymerized ionic liquids. European Polymer Journal, 2018, 109, 326-335.	5.4	16
10	Tunable Compartmentalized Morphologies of Multilayered Dual Responsive Star Block Polyampholytes. Macromolecules, 2018, 51, 4800-4812.	4.8	16
11	Self-Assembly of Hyperbranched Protic Poly(ionic liquid)s with Variable Peripheral Amphiphilicity. Bulletin of the Chemical Society of Japan, 2017, 90, 919-923.	3.2	15
12	Wrapping Nanocellulose Nets around Graphene Oxide Sheets. Angewandte Chemie, 2018, 130, 8644-8649.	2.0	15
13	Transformations of Thermosensitive Hyperbranched Poly(ionic liquid)s Monolayers. Langmuir, 2019, 35, 11809-11820.	3.5	11
14	3D-printed polymer packing structures: Uniformity of morphology and mechanical properties via microprocessing conditions. Journal of Applied Polymer Science, 2020, 137, 49381.	2.6	9
15	Tunable Interfacial Properties in Silk Ionomer Microcapsules with Tailored Multilayer Interactions. Macromolecular Bioscience, 2019, 19, e1800176.	4.1	8
16	Morphology and Surface Properties of Roach Water Transport Arrays. ACS Applied Bio Materials, 2019, 2, 2650-2660.	4.6	3
17	Oligomeric and Polymeric Ionic Liquids: Engineering Architecture and Morphology. Springer Proceedings in Physics, 2019, , 93-118.	0.2	1