

Khosrow Rahimi

List of Publications by Year in descending order

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16
papers

401
citations

759233

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996975

15
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16
all docs

16
docs citations

16
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	Encoding biological recognition in a bicomponent cell-membrane mimic. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5376-5382.	7.1	51
2	Encapsulation of hydrophobic components in dendrimersomes and decoration of their surface with proteins and nucleic acids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15378-15385.	7.1	41
3	Membrane-Mimetic Dendrimersomes Engulf Living Bacteria via Endocytosis. Nano Letters, 2019, 19, 5732-5738.	9.1	38
4	Nanovesicles displaying functional linear and branched oligomannose self-assembled from sequence-defined Janus glycodendrimers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11931-11939.	7.1	37
5	Stimuli-Responsive Zwitterionic Core-Shell Microgels for Antifouling Surface Coatings. ACS Applied Materials & Interfaces, 2020, 12, 58223-58238.	8.0	33
6	Solvent-Induced Nanotopographies of Single Microfibers Regulate Cell Mechanotransduction. ACS Applied Materials & Interfaces, 2019, 11, 7671-7685.	8.0	32
7	Enhanced Concanavalin-A Binding to Preorganized Mannose Nanoarrays in Glycodendrimersomes Revealed Multivalent Interactions. Angewandte Chemie - International Edition, 2021, 60, 8352-8360.	13.8	31
8	Direct Visualization of Vesicle Disassembly and Reassembly Using Photocleavable Dendrimers Elucidates Cargo Release Mechanisms. ACS Nano, 2020, 14, 7398-7411.	14.6	27
9	Dual-Degradable Biohybrid Microgels by Direct Cross-Linking of Chitosan and Dextran Using Azide-Alkyne Cycloaddition. Biomacromolecules, 2020, 21, 4933-4944.	5.4	26
10	Photoinduced Upgrading of Lactic Acid-Based Solvents to Block Copolymer Surfactants. ACS Sustainable Chemistry and Engineering, 2020, 8, 1276-1284.	6.7	22
11	Electroactive and degradable supramolecular microgels. Soft Matter, 2019, 15, 8589-8602.	2.7	21
12	Unraveling topology-induced shape transformations in dendrimersomes. Soft Matter, 2021, 17, 254-267.	2.7	18
13	Antifouling Microparticles To Scavenge Lipopolysaccharide from Human Blood Plasma. Biomacromolecules, 2019, 20, 959-968.	5.4	13
14	Unraveling the Mechanism and Kinetics of Binding of an LC1-GFP-Polymer for Antifouling Coatings. Macromolecular Bioscience, 2021, 21, e2100158.	4.1	6
15	Zwitterionic Functionalizable Scaffolds with Gyroid Pore Architecture for Tissue Engineering. Macromolecular Bioscience, 2019, 19, e1800403.	4.1	5
16	Enhanced Concanavalin-A Binding to Preorganized Mannose Nanoarrays in Glycodendrimersomes Revealed Multivalent Interactions. Angewandte Chemie, 2021, 133, 8433-8441.	2.0	0