

Mohammadhasan Hedayati

List of Publications by Year in descending order

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13
papers

414
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1040056

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13
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453
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of graphene oxide/polyacrylamide composite membranes for organic dyes/water separation in water purification. <i>Journal of Materials Science</i> , 2019, 54, 252-264.	3.7	84
2	The quest for blood-compatible materials: Recent advances and future technologies. <i>Materials Science and Engineering Reports</i> , 2019, 138, 118-152.	31.8	66
3	Chitosan/iota-carrageenan and chitosan/pectin polyelectrolyte multilayer scaffolds with antiadhesive and bactericidal properties. <i>Applied Surface Science</i> , 2020, 502, 144282.	6.1	61
4	Nanostructured Surfaces That Mimic the Vascular Endothelial Glycocalyx Reduce Blood Protein Adsorption and Prevent Fibrin Network Formation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31892-31902.	8.0	35
5	Novel cationic tannin/glycosaminoglycan-based polyelectrolyte multilayers promote stem cells adhesion and proliferation. <i>RSC Advances</i> , 2019, 9, 25836-25846.	3.6	33
6	Polycationic condensed tannin/polysaccharide-based polyelectrolyte multilayers prevent microbial adhesion and proliferation. <i>European Polymer Journal</i> , 2020, 130, 109677.	5.4	32
7	The Preparation and Study of Ethylene Glycol-Modified Graphene Oxide Membranes for Water Purification. <i>Polymers</i> , 2019, 11, 188.	4.5	30
8	Protein adsorption measurements on low fouling and ultralow fouling surfaces: A critical comparison of surface characterization techniques. <i>Acta Biomaterialia</i> , 2020, 102, 169-180.	8.3	24
9	Atomic force microscopy of adsorbed proteoglycan mimetic nanoparticles: Toward new glycocalyx-mimetic model surfaces. <i>Carbohydrate Polymers</i> , 2018, 190, 346-355.	10.2	22
10	Structural control of fibrin bioactivity by mechanical deformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	9
11	Dynamics of long-term protein aggregation on low-fouling surfaces. <i>Journal of Colloid and Interface Science</i> , 2021, 589, 356-366.	9.4	8
12	Blood-compatible Materials: Vascular Endothelium-mimetic Surfaces that Mitigate Multiple Cell-material Interactions. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001748.	7.6	6
13	Anomalous protein kinetics on low-fouling surfaces. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5264-5271.	2.8	4