

Mohammadhasan Hedayati

List of Publications by Year in descending order

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