Matthew D Shin

List of Publications by Year
in descending order

12 papers	773 citations	1039406 9 h-index	1281420 11 g-index
12 all docs	12 docs citations	12 times ranked	1475 citing authors

#	Article	IF	Citations
1	COVID-19 vaccine development and a potential nanomaterial path forward. Nature Nanotechnology, 2020, 15, 646-655.	15.6	501
2	Gelling hypotonic polymer solution for extended topical drug delivery to the eye. Nature Biomedical Engineering, 2020, 4, 1053-1062.	11.6	69
3	Intra- and intermolecular atomic-scale interactions in the receptor binding domain of SARS-CoV-2 spike protein: implication for ACE2 receptor binding. Physical Chemistry Chemical Physics, 2020, 22, 18272-18283.	1.3	53
4	Trivalent Subunit Vaccine Candidates for COVID-19 and Their Delivery Devices. Journal of the American Chemical Society, 2021, 143, 14748-14765.	6.6	48
5	Sustained delivery of acriflavine from the suprachoroidal space provides long term suppression of choroidal neovascularization. Biomaterials, 2020, 243, 119935.	5.7	27
6	Cowpea Mosaic Virus Nanoparticle Vaccine Candidates Displaying Peptide Epitopes Can Neutralize the Severe Acute Respiratory Syndrome Coronavirus. ACS Infectious Diseases, 2021, 7, 3096-3110.	1.8	16
7	Unleashing the potential of cell membrane-based nanoparticles for COVID-19 treatment and vaccination. Expert Opinion on Drug Delivery, 2021, 18, 1395-1414.	2.4	14
8	A hypotonic gel-forming eye drop provides enhanced intraocular delivery of a kinase inhibitor with melanin-binding properties for sustained protection of retinal ganglion cells. Drug Delivery and Translational Research, 2022, 12, 826-837.	3.0	12
9	Ion-Complex Microcrystal Formulation Provides Sustained Delivery of a Multimodal Kinase Inhibitor from the Subconjunctival Space for Protection of Retinal Ganglion Cells. Pharmaceutics, 2021, 13, 647.	2.0	10
10	Bioconjugation of Active Ingredients to Plant Viral Nanoparticles Is Enhanced by Preincubation with a Pluronic F127 Polymer Scaffold. ACS Applied Materials & Interfaces, 2021, 13, 59618-59632.	4.0	10
11	Designing S100A9-Targeted Plant Virus Nanoparticles to Target Deep Vein Thrombosis. Biomacromolecules, 2021, 22, 2582-2594.	2.6	8
12	A Singleâ€Đose QÎ² VLP Vaccine Against S100A9 Protein Reduces Atherosclerosis in a Preclinical Model. Advanced Therapeutics, 0, , 2200092.	1.6	5