

Matthew D Shin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

408
citations

5
h-index

12
g-index

12
ext. papers

617
ext. citations

10.6
avg, IF

3.87
L-index

#	Paper	IF	Citations
10	Cowpea Mosaic Virus Nanoparticle Vaccine Candidates Displaying Peptide Epitopes Can Neutralize the Severe Acute Respiratory Syndrome Coronavirus. <i>ACS Infectious Diseases</i> , 2021 , 7, 3096-3110	5.5	3
9	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. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	2
8	Ion-Complex Microcrystal Formulation Provides Sustained Delivery of a Multimodal Kinase Inhibitor from the Subconjunctival Space for Protection of Retinal Ganglion Cells. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
7	Designing S100A9-Targeted Plant Virus Nanoparticles to Target Deep Vein Thrombosis. <i>Biomacromolecules</i> , 2021 , 22, 2582-2594	6.9	3
6	Unleashing the potential of cell membrane-based nanoparticles for COVID-19 treatment and vaccination. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 1395-1414	8	3
5	Trivalent Subunit Vaccine Candidates for COVID-19 and Their Delivery Devices. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14748-14765	16.4	15
4	Sustained delivery of acriflavine from the suprachoroidal space provides long term suppression of choroidal neovascularization. <i>Biomaterials</i> , 2020 , 243, 119935	15.6	12
3	COVID-19 vaccine development and a potential nanomaterial path forward. <i>Nature Nanotechnology</i> , 2020 , 15, 646-655	28.7	302
2	Intra- and intermolecular atomic-scale interactions in the receptor binding domain of SARS-CoV-2 spike protein: implication for ACE2 receptor binding. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 18272-18283	21.6	239
1	Gelling hypotonic polymer solution for extended topical drug delivery to the eye. <i>Nature Biomedical Engineering</i> , 2020 , 4, 1053-1062	19	33