

Bingyang Zhang

List of Publications by Year in descending order

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13
papers

235
citations

1478505

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1125743

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13
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	3D bioprinting of cell-laden electroconductive MXene nanocomposite bioinks. <i>Nanoscale</i> , 2020, 12, 16069-16080.	5.6	106
2	3D printing of cell-laden electroconductive bioinks for tissue engineering applications. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5862-5876.	5.8	63
3	Synergistic Enhancement in Antibacterial Activity of Core/Shell/Shell SiO ₂ /ZnO/Ag ₃ PO ₄ Nanoparticles. <i>ChemNanoMat</i> , 2018, 4, 972-981.	2.8	10
4	In vitro preparation of uniform and nucleic acid free hepatitis B core particles through an optimized disassembly-purification-reassembly process. <i>Protein Expression and Purification</i> , 2021, 178, 105747.	1.3	10
5	Engineered Human Heavy-Chain Ferritin with Half-Life Extension and Tumor Targeting by PAS and RGDK Peptide Functionalization. <i>Pharmaceutics</i> , 2021, 13, 521.	4.5	9
6	Cell-penetrating peptide-labelled smart polymers for enhanced gene delivery. <i>Engineering in Life Sciences</i> , 2017, 17, 193-203.	3.6	6
7	Immunogenicity study of engineered ferritins with C- and N-terminus insertion of Epstein-Barr nuclear antigen 1 epitope. <i>Vaccine</i> , 2021, 39, 4830-4841.	3.8	6
8	HbC-based virus-like particle assembly from inclusion bodies using 2-methyl-2, 4-pentanediol. <i>Process Biochemistry</i> , 2020, 89, 233-237.	3.7	5
9	Stability of Engineered Ferritin Nanovaccines Investigated by Combined Molecular Simulation and Experiments. <i>Journal of Physical Chemistry B</i> , 2021, 125, 3830-3842.	2.6	5
10	Immunogenicity and Vaccine Efficacy Boosted by Engineering Human Heavy Chain Ferritin and Chimeric Hepatitis B Virus Core Nanoparticles. <i>ACS Applied Bio Materials</i> , 2021, 4, 7147-7156.	4.6	5
11	Development of purification process for dual-function recombinant human heavy-chain ferritin by the investigation of genetic modification impact on conformation. <i>Engineering in Life Sciences</i> , 2021, 21, 630-642.	3.6	4
12	Cost-effective purification process development for chimeric hepatitis B core (HbC) virus-like particles assisted by molecular dynamic simulation. <i>Engineering in Life Sciences</i> , 2021, 21, 438-452.	3.6	3
13	Mechanism Study of Thermally Induced Anti-Tumor Drug Loading to Engineered Human Heavy-Chain Ferritin Nanocages Aided by Computational Analysis. <i>Biosensors</i> , 2021, 11, 444.	4.7	3