Bingyang Zhang

List of Publications by Year
in descending order

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13 papers	235 citations	1478505 6 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	390 citing authors

#	Article	IF	Citations
1	In vitro preparation of uniform and nucleic acid free hepatitis B core particles through an optimized disassembly-purification-reassembly process. Protein Expression and Purification, 2021, 178, 105747.	1.3	10
2	Stability of Engineered Ferritin Nanovaccines Investigated by Combined Molecular Simulation and Experiments. Journal of Physical Chemistry B, 2021, 125, 3830-3842.	2.6	5
3	Engineered Human Heavy-Chain Ferritin with Half-Life Extension and Tumor Targeting by PAS and RGDK Peptide Functionalization. Pharmaceutics, 2021, 13, 521.	4.5	9
4	Costâ€effective purification process development for chimeric hepatitis B core (HBc) virusâ€like particles assisted by molecular dynamic simulation. Engineering in Life Sciences, 2021, 21, 438-452.	3.6	3
5	Development of purification process for dualâ€function recombinant human heavyâ€chain ferritin by the investigation of genetic modification impact on conformation. Engineering in Life Sciences, 2021, 21, 630-642.	3.6	4
6	Immunogenicity study of engineered ferritins with C- and N-terminus insertion of Epstein-Barr nuclear antigen 1 epitope. Vaccine, 2021, 39, 4830-4841.	3.8	6
7	Immunogenicity and Vaccine Efficacy Boosted by Engineering Human Heavy Chain Ferritin and Chimeric Hepatitis B Virus Core Nanoparticles. ACS Applied Bio Materials, 2021, 4, 7147-7156.	4.6	5
8	Mechanism Study of Thermally Induced Anti-Tumor Drug Loading to Engineered Human Heavy-Chain Ferritin Nanocages Aided by Computational Analysis. Biosensors, 2021, 11, 444.	4.7	3
9	HBc-based virus-like particle assembly from inclusion bodies using 2-methyl-2, 4-pentanediol. Process Biochemistry, 2020, 89, 233-237.	3.7	5
10	3D printing of cell-laden electroconductive bioinks for tissue engineering applications. Journal of Materials Chemistry B, 2020, 8, 5862-5876.	5.8	63
11	3D bioprinting of cell-laden electroconductive MXene nanocomposite bioinks. Nanoscale, 2020, 12, 16069-16080.	5.6	106
12	Synergistic Enhancement in Antibacterial Activity of Core/Shell/Shell SiO₂/ZnO/Ag₃PO₄ Nanoparticles. ChemNanoMat, 2018, 4, 972-981.	2.8	10
13	Cellâ€penetrating peptideâ€“labelled smart polymers for enhanced gene delivery. Engineering in Life Sciences, 2017, 17, 193-203.	3.6	6