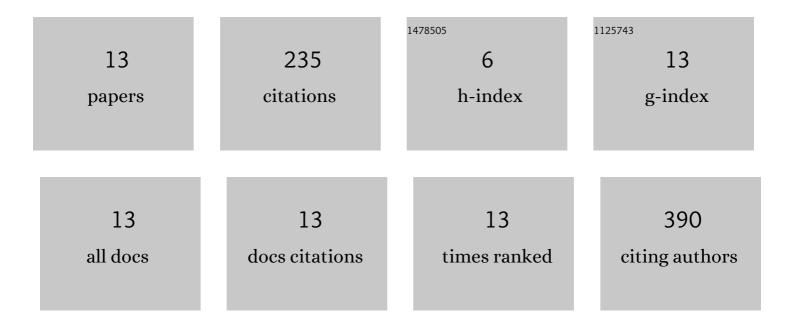
## **Bingyang Zhang**

List of Publications by Year in descending order

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| #  | 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<br>Peptide Functionalization. Pharmaceutics, 2021, 13, 521.   | 4.5 | 9         |
| 4  | Costâ€effective purification process development for chimeric hepatitis B core (HBc) virusâ€like particles<br>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<br>investigation of genetic modification impact on conformation. Engineering in Life Sciences, 2021, 21,<br>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<br>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<br>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<br>Biochemistry, 2020, 89, 233-237.  | 3.7 | 5         |
| 10 | 3D printing of cell-laden electroconductive bioinks for tissue engineering applications. Journal of<br>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<br>SiO <sub>2</sub> /ZnO/Ag <sub>3</sub> PO <sub>4</sub> Nanoparticles. ChemNanoMat, 2018, 4, 972-981.   | 2.8 | 10        |
| 13 | Cellâ€penetrating peptide–labelled smart polymers for enhanced gene delivery. Engineering in Life<br>Sciences, 2017, 17, 193-203.  | 3.6 | 6         |