Chengzhi He

List of Publications by Year
in descending order

16 papers	460 citations	933447 10 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	488 citing authors

#	Article	IF	Citations
1	64Cu-labeled daratumumab F(abâ€²)2 fragment enables early visualization of CD38-positive lymphoma. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 1470-1481.	6.4	12
2	Generation of Yeast Protoplasts by Lytic Actions of Iron Oxide Magnetic Nanoparticles. Industrial & Engineering Chemistry Research, 2021, 60, 9012-9021.	3.7	3
3	Multiple dimerizing motifs at different locations modulate the dimerization of the syndecan transmembrane domains. Journal of Molecular Graphics and Modelling, 2021, 106, 107938.	2.4	2
4	Ultra-conformal skin electrodes with synergistically enhanced conductivity for long-time and low-motion artifact epidermal electrophysiology. Nature Communications, 2021, 12, 4880.	12.8	116
5	Fabrication of 3D Ordered Structures with Multiple Materials via Macroscopic Supramolecular Assembly. Advanced Science, 2020, 7, 2002025.	11.2	25
6	Ultrahigh Adhesion Force Between Silica-Binding Peptide SB7 and Glass Substrate Studied by Single-Molecule Force Spectroscopy and Molecular Dynamic Simulation. Frontiers in Chemistry, 2020, 8, 600918.	3.6	21
7	Immobilized laccase-catalyzed coupling for construction of silk fibroin-lignin composite hydrogels. Applied Catalysis A: General, 2020, 597, 117541.	4.3	14
8	Direct observation of the fast and robust folding of a slipknotted protein by optical tweezers. Nanoscale, 2019, 11, 3945-3951.	5.6	19
9	Real-time identification of the singleness of a trapped bead in optical tweezers. Applied Optics, 2018, 57, 1241.	1.8	2
10	Staphylokinase Displays Surprisingly Low Mechanical Stability. Langmuir, 2017, 33, 1077-1083.	3.5	2
11	Singleâ€Molecule Force Spectroscopy Trajectories of a Single Protein and Its Polyproteins Are Equivalent: A Direct Experimental Validation Based on A Small Protein NuG2. Angewandte Chemie, 2017, 129, 6213-6217.	2.0	6
12	Singleâ€Molecule Force Spectroscopy Trajectories of a Single Protein and Its Polyproteins Are Equivalent: A Direct Experimental Validation Based on A Small Protein NuG2. Angewandte Chemie - International Edition, 2017, 56, 6117-6121.	13.8	32
13	Direct Observation of the Reversible Twoâ€State Unfolding and Refolding of an Î±/Î² Protein by Singleâ€Molecule Atomic Force Microscopy. Angewandte Chemie - International Edition, 2015, 54, 9921-9925.	13.8	52
14	Mechanically Tightening a Protein Slipknot into a Trefoil Knot. Journal of the American Chemical Society, 2014, 136, 11946-11955.	13.7	48
15	Mechanically Untying a Protein Slipknot: Multiple Pathways Revealed by Force Spectroscopy and Steered Molecular Dynamics Simulations. Journal of the American Chemical Society, 2012, 134, 10428-10435.	13.7	60
16	Synthesis of size and shape controlled PbS nanocrystals and their self-assembly. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 355, 114-120.	4.7	42