

# Chengzhi He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6285/publications.pdf>

Version: 2024-02-01

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	Ultra-conformal skin electrodes with synergistically enhanced conductivity for long-time and low-motion artifact epidermal electrophysiology. <i>Nature Communications</i> , 2021, 12, 4880.	12.8	116
2	Mechanically Untying a Protein Slipknot: Multiple Pathways Revealed by Force Spectroscopy and Steered Molecular Dynamics Simulations. <i>Journal of the American Chemical Society</i> , 2012, 134, 10428-10435.	13.7	60
3	Direct Observation of the Reversible Two-State Unfolding and Refolding of an $\hat{I}_{\pm}/\hat{I}^2$ Protein by Single-Molecule Atomic Force Microscopy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9921-9925.	13.8	52
4	Mechanically Tightening a Protein Slipknot into a Trefoil Knot. <i>Journal of the American Chemical Society</i> , 2014, 136, 11946-11955.	13.7	48
5	Synthesis of size and shape controlled PbS nanocrystals and their self-assembly. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 355, 114-120.	4.7	42
6	Single-Molecule Force Spectroscopy Trajectories of a Single Protein and Its Polyproteins Are Equivalent: A Direct Experimental Validation Based on A Small Protein NuG2. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6117-6121.	13.8	32
7	Fabrication of 3D Ordered Structures with Multiple Materials via Macroscopic Supramolecular Assembly. <i>Advanced Science</i> , 2020, 7, 2002025.	11.2	25
8	Ultrahigh Adhesion Force Between Silica-Binding Peptide SB7 and Glass Substrate Studied by Single-Molecule Force Spectroscopy and Molecular Dynamic Simulation. <i>Frontiers in Chemistry</i> , 2020, 8, 600918.	3.6	21
9	Direct observation of the fast and robust folding of a slipknotted protein by optical tweezers. <i>Nanoscale</i> , 2019, 11, 3945-3951.	5.6	19
10	Immobilized laccase-catalyzed coupling for construction of silk fibroin-lignin composite hydrogels. <i>Applied Catalysis A: General</i> , 2020, 597, 117541.	4.3	14
11	$^{64}\text{Cu}$ -labeled daratumumab F(ab $\epsilon^2$ ) $_2$ fragment enables early visualization of CD38-positive lymphoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1470-1481.	6.4	12
12	Single-Molecule Force Spectroscopy Trajectories of a Single Protein and Its Polyproteins Are Equivalent: A Direct Experimental Validation Based on A Small Protein NuG2. <i>Angewandte Chemie</i> , 2017, 129, 6213-6217.	2.0	6
13	Generation of Yeast Protoplasts by Lytic Actions of Iron Oxide Magnetic Nanoparticles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 9012-9021.	3.7	3
14	Staphylokinase Displays Surprisingly Low Mechanical Stability. <i>Langmuir</i> , 2017, 33, 1077-1083.	3.5	2
15	Real-time identification of the singleness of a trapped bead in optical tweezers. <i>Applied Optics</i> , 2018, 57, 1241.	1.8	2
16	Multiple dimerizing motifs at different locations modulate the dimerization of the syndecan transmembrane domains. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 106, 107938.	2.4	2