

Cheng Zhu

List of Publications by Year in descending order

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17
papers

358
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933447

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888059

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#	ARTICLE	IF	CITATIONS
1	Discovery of SARS-CoV-2 3CLPro Peptidomimetic Inhibitors through the Catalytic Dyad Histidine-Specific Protein-Ligand Interactions. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2392.	4.1	3
2	The intrinsically disordered region from PP2C phosphatases functions as a conserved CO ₂ sensor. <i>Nature Cell Biology</i> , 2022, 24, 1029-1037.	10.3	20
3	The Morphology of Hydroxyapatite Nanoparticles Regulates Cargo Recognition in Clathrin-Mediated Endocytosis. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 627015.	3.5	13
4	4-Iminooxazolidin-2-One as a Bioisostere of Cyanohydrin Suppresses EV71 Proliferation by Targeting 3C ^{pro} . <i>Microbiology Spectrum</i> , 2021, 9, e0102521.	3.0	10
5	Typical Stress Granule Proteins Interact with the 3' UTR Untranslated Region of Enterovirus D68 To Inhibit Viral Replication. <i>Journal of Virology</i> , 2020, 94, .	3.4	21
6	Stabilization of μ -opioid receptor facilitates its cellular translocation and signaling. <i>Proteins: Structure, Function and Bioinformatics</i> , 2019, 87, 878-884.	2.6	6
7	Viral DNA Binding to NLRC3, an Inhibitory Nucleic Acid Sensor, Unleashes STING, a Cyclic Dinucleotide Receptor that Activates Type I Interferon. <i>Immunity</i> , 2019, 50, 591-599.e6.	14.3	58
8	Rationally designed carbohydrate-occluded epitopes elicit HIV-1 Env-specific antibodies. <i>Nature Communications</i> , 2019, 10, 948.	12.8	19
9	Large SOD1 aggregates, unlike trimeric SOD1, do not impact cell viability in a model of amyotrophic lateral sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4661-4665.	7.1	77
10	Elicitation of HIV-specific Antibodies Targeting The Carbohydrate-occluded Neutralization Epitopes Through Rational Protein Design. <i>FASEB Journal</i> , 2018, 32, 798.14.	0.5	1
11	Computational Protein Design Through Grafting and Stabilization. <i>Methods in Molecular Biology</i> , 2017, 1529, 227-241.	0.9	6
12	A Phosphomimetic Mutation Stabilizes SOD1 and Rescues Cell Viability in the Context of an ALS-Associated Mutation. <i>Structure</i> , 2016, 24, 1898-1906.	3.3	41
13	Rational design of TNF α binding proteins based on the <i>de novo</i> designed protein DS119. <i>Protein Science</i> , 2016, 25, 2066-2075.	7.6	9
14	Non-canonical Bromodomain within DNA-PKcs Promotes DNA Damage Response and Radioresistance through Recognizing an IR-Induced Acetyl-Lysine on H2AX. <i>Chemistry and Biology</i> , 2015, 22, 849-861.	6.0	15
15	Slow and Bimolecular Folding of a De Novo Designed Monomeric Protein DS119. <i>Biophysical Journal</i> , 2013, 105, 2141-2148.	0.5	4
16	Apo ferritin-camouflaged Pt nanoparticles: surface effects on cellular uptake and cytotoxicity. <i>Journal of Materials Chemistry</i> , 2011, 21, 7105.	6.7	44
17	Engineering a zinc binding site into the de novo designed protein DS119 with a $\beta^2\alpha^2$ structure. <i>Protein and Cell</i> , 2011, 2, 1006-1013.	11.0	11