Zheng

List of Publications by Year
in descending order

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33 papers	1,082 citations	430874 18 h-index	434195 31 g-index
36 all docs	36 docs citations	36 times ranked	1746 citing authors

#	Article	IF	Citations
1	Chlorella zofingiensis as an Alternative Microalgal Producer of Astaxanthin: Biology and Industrial Potential. Marine Drugs, 2014, 12, 3487-3515.	4.6	239
2	A Fast and Effective Microfluidic Spraying-Plunging Method for High-Resolution Single-Particle Cryo-EM. Structure, 2017, 25, 663-670.e3.	3.3	112
3	Capsid expansion mechanism of bacteriophage T7 revealed by multistate atomic models derived from cryo-EM reconstructions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4606-14.	7.1	87
4	2.9ÂÃ... Resolution Cryo-EM 3D Reconstruction of Close-Packed Virus Particles. Structure, 2016, 24, 319-328.	3.3	74
5	Structure and assembly model for the Trypanosoma cruzi 60S ribosomal subunit. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12174-12179.	7.1	63
6	Structure of human GABAB receptor in an inactive state. Nature, 2020, 584, 304-309.	27.8	59
7	Activation of GTP hydrolysis in mRNA-tRNA translocation by elongation factor G. Science Advances, 2015, 1, .	10.3	53
8	New Insights into Ribosome Structure and Function. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032615.	5.5	45
9	Contrasting effects of phylogenetic relatedness on plant invader success in experimental grassland communities. Journal of Applied Ecology, 2015, 52, 89-99.	4.0	40
10	A graph theory method for determination of cryo-EM image focuses. Journal of Structural Biology, 2012, 180, 343-351.	2.8	29
11	Determination of the ribosome structure to a resolution of 2.5 Ã... by singleâ€particle cryoâ€EM. Protein Science, 2017, 26, 82-92.	7.6	26
12	Cryo-EM structure of the AVPâ€“vasopressin receptor 2â€“Gs signaling complex. Cell Research, 2021, 31, 932-934.	12.0	25
13	Structural basis for inhibition of the drug efflux pump NorA from Staphylococcus aureus. Nature Chemical Biology, 2022, 18, 706-712.	8.0	23
14	Symmetric activation and modulation of the human calcium-sensing receptor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
15	Identification of ions in experimental electrostatic potential maps. IUCrJ, 2018, 5, 375-381.	2.2	22
16	Mesenchymal Stromal Cells Directly Promote Inflammation by Canonical NLRP3 and Non-canonical Caspase-11 Inflammasomes. EBioMedicine, 2018, 32, 31-42.	6.1	21
17	Length quantization of DNA partially expelled from heads of a bacteriophage T3 mutant. Virology, 2014, 456-457, 157-170.	2.4	19
18	Characterization of self-assembled virus-like particles of dromedary camel hepatitis e virus generated by recombinant baculoviruses. Virus Research, 2015, 210, 8-17.	2.2	19

#	Article	IF	Citations
19	Structural basis of the ligand binding and signaling mechanism of melatonin receptors. Nature Communications, 2022, 13, 454.	12.8	19
20	Activation and allosteric regulation of the orphan GPR88-Gi1 signaling complex. Nature Communications, 2022, 13, 2375.	12.8	14
21	Structural insights into ligand recognition, activation, and signaling of the Î± _{2A} adrenergic receptor. Science Advances, 2022, 8, eabj5347.	10.3	12
22	Transmission Electron Microscopy Studies of Cellular Responses to Entry of Virions: One Kind of Natural Nanobiomaterial. International Journal of Cell Biology, 2012, 2012, 1-5.	2.5	11
23	Sca1+ mesenchymal stromal cells inhibit graft-versus-host disease in mice after bone marrow transplantation. International Immunopharmacology, 2015, 26, 50-57.	3.8	8
24	A brief introduction of cryo-EM revolutionâ€"the Nobel Prize in Chemistry 2017. Science China Life Sciences, 2018, 61, 368-370.	4.9	6
25	Platelets directly regulate DNA damage and division ofStaphylococcus aureus. FASEB Journal, 2018, 32, 3707-3716.	0.5	6
26	Affinity Cryo-Electron Microscopy Studies of Viral Particles Captured Directly From Cell Culture. Microscopy and Microanalysis, 2015, 21, 547-548.	0.4	4
27	Baohuoside I Inhibits Osteoclastogenesis and Protects Against Ovariectomy-Induced Bone Loss. Frontiers in Pharmacology, 2022, 13, 874952.	3.5	4
28	Structure of the glucosyltransferase domain of TcdA in complex with RhoA provides insights into substrate recognition. Scientific Reports, 2022, 12, .	3.3	4
29	Melanoma-Induced Anemia Could be Rescued by Sca-1+Mesenchymal Stromal Cells in Mice. Stem Cells and Development, 2017, 26, 495-502.	2.1	3
30	Exploring the inside details of virions by electron microscopy. Biophysics Reports, 2016, 2, 21-24.	0.8	1
31	Structure and assembly model for the Trypanosoma cruzi 60S ribosomal subunit. journal of hand surgery Asian-Pacific volume, The, 2018, , 526-531.	0.4	0
32	Activation of GTP hydrolysis in mRNA-tRNA translocation by elongation factor G. journal of hand surgery Asian-Pacific volume, The, 2018, , 490-496.	0.4	0
33	Three new hasubanan-type alkaloids from the Stephania longa. Natural Product Research, 0, , 1-7.	1.8	0