

Xing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,517
citations

304743

22
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345221

36
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43
docs citations

43
times ranked

2223
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of the Neurospora SET Domain Protein DIM-5, a Histone H3 Lysine Methyltransferase. <i>Cell</i> , 2002, 111, 117-127.	28.9	247
2	Parkinson's disease-related phosphorylation at Tyr39 rearranges α -synuclein amyloid fibril structure revealed by cryo-EM. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20305-20315.	7.1	113
3	Structure of a C ₂ S ₂ M ₂ N ₂ -type PSII-LHCII supercomplex from the green alga <i>Chlamydomonas reinhardtii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21246-21255.	7.1	96
4	Structural basis of assembly and torque transmission of the bacterial flagellar motor. <i>Cell</i> , 2021, 184, 2665-2679.e19.	28.9	75
5	Cracking the DNA Code for V(D)J Recombination. <i>Molecular Cell</i> , 2018, 70, 358-370.e4.	9.7	61
6	Structure of photosystem I-LHCI-LHCII from the green alga <i>Chlamydomonas reinhardtii</i> in State 2. <i>Nature Communications</i> , 2021, 12, 1100.	12.8	60
7	Structural insights into outer membrane asymmetry maintenance in Gram-negative bacteria by MlaFEDB. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 81-91.	8.2	57
8	Architecture of the photosynthetic complex from a green sulfur bacterium. <i>Science</i> , 2020, 370, .	12.6	55
9	Molecular understanding of calcium permeation through the open Orai channel. <i>PLoS Biology</i> , 2019, 17, e3000096.	5.6	52
10	Mass Spectrometry Analysis of Newly Emerging Coronavirus HCoV-19 Spike Protein and Human ACE2 Reveals Camouflaging Glycans and Unique Post-Translational Modifications. <i>Engineering</i> , 2021, 7, 1441-1451.	6.7	52
11	Cryo-EM structures of lipopolysaccharide transporter LptB2FGC in lipopolysaccharide or AMP-PNP-bound states reveal its transport mechanism. <i>Nature Communications</i> , 2019, 10, 4175.	12.8	51
12	Usnic Acid Induces Cycle Arrest, Apoptosis, and Autophagy in Gastric Cancer Cells In Vitro and In Vivo. <i>Medical Science Monitor</i> , 2018, 24, 556-566.	1.1	50
13	Cryo-EM structure of the human mitochondrial translocase TIM22 complex. <i>Cell Research</i> , 2021, 31, 369-372.	12.0	50
14	Structures and stabilization of kinetoplastid-specific split rRNAs revealed by comparing leishmanial and human ribosomes. <i>Nature Communications</i> , 2016, 7, 13223.	12.8	48
15	Structural Basis of the Proton Sensitivity of Human GluN1-GluN2A NMDA Receptors. <i>Cell Reports</i> , 2018, 25, 3582-3590.e4.	6.4	47
16	Structural mechanism of cooperative activation of the human calcium-sensing receptor by Ca ²⁺ ions and L-tryptophan. <i>Cell Research</i> , 2021, 31, 383-394.	12.0	47
17	Structural basis of Q-dependent transcription antitermination. <i>Nature Communications</i> , 2019, 10, 2925.	12.8	41
18	Structural basis for bacterial lipoprotein relocation by the transporter LolCDE. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 347-355.	8.2	36

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19	Gating mechanism and a modulatory niche of human GluN1-GluN2A NMDA receptors. <i>Neuron</i> , 2021, 109, 2443-2456.e5.	8.1	33
20	Architecture of the chloroplast PSIâ€NDH supercomplex in <i>Hordeum vulgare</i> . <i>Nature</i> , 2022, 601, 649-654.	27.8	33
21	Structural basis for activation and allosteric modulation of full-length calcium-sensing receptor. <i>Science Advances</i> , 2021, 7, .	10.3	32
22	Structural insights into human acid-sensing ion channel 1a inhibition by snake toxin mambalgin1. <i>ELife</i> , 2020, 9, .	6.0	29
23	A unique photosystem I reaction center from a chlorophyll <i>d</i>-containing cyanobacterium <i>Acaryochloris marina</i>. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1740-1752.	8.5	19
24	Cyclosporin A ameliorates early brain injury after subarachnoid hemorrhage through inhibition of a Nur77 dependent apoptosis pathway. <i>Brain Research</i> , 2014, 1556, 67-76.	2.2	17
25	Cryo-EM structure of the calcium homeostasis modulator 1 channel. <i>Science Advances</i> , 2020, 6, eaba8161.	10.3	17
26	The structural basis for inhibition of ribosomal translocation by viomycin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10271-10277.	7.1	16
27	Comparing Safety and Efficacy of Rivaroxaban with Warfarin for Patients after Successful Stent Placement for Chronic Iliofemoral Occlusion: A Retrospective Single Institution Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 484-489.	1.5	15
28	The Prognostic Accuracy of National Early Warning Score 2 on Predicting Clinical Deterioration for Patients With COVID-19: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 699880.	2.6	14
29	Elastic compression stockings to prevent post-thrombotic syndrome in proximal deep venous thrombosis patients without thrombus removal. <i>Journal of Vascular Surgery: Venous and Lymphatic Disorders</i> , 2022, 10, 293-299.	1.6	13
30	Restoration of CCAAT enhancer binding protein 1 P42 induces myeloid differentiation and overcomes all-trans retinoic acid resistance in human acute promyelocytic leukemia NB4-R1 cells. <i>International Journal of Oncology</i> , 2015, 47, 1685-1695.	3.3	9
31	Cryo-EM structure of the human TACAN in a closed state. <i>Cell Reports</i> , 2022, 38, 110445.	6.4	9
32	Cryo-EM structure of the heptameric calcium homeostasis modulator 1 channel. <i>Journal of Biological Chemistry</i> , 2022, 298, 101838.	3.4	6
33	Comparison of Graft Outcome Between Donation After Circulatory Death and Living-Donor Kidney Transplantation. <i>Transplantation Proceedings</i> , 2020, 52, 111-118.	0.6	5
34	Early perioperative fluid overload is associated with adverse outcomes in deceased donor kidney transplantation. <i>Transplant International</i> , 2021, 34, 1862-1874.	1.6	4
35	Effect of earlier-proteinuria on graft functions after one-year living donor renal transplantation. <i>Oncotarget</i> , 2017, 8, 59103-59112.	1.8	4
36	National Early Warning Score Does Not Accurately Predict Mortality for Patients With Infection Outside the Intensive Care Unit: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 704358.	2.6	2

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37	Telomerase activity of fibrobronchoscopic brushing cells in non-small cell lung cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2003, 15, 140-143.	2.2	0
38	A Novel Single Nucleotide Polymorphism within the NOD2 Gene is Associated with Pulmonary Tuberculosis in Chinese. FASEB Journal, 2012, 26, 1034.12.	0.5	0