

Christopher Johnson

List of Publications by Year in descending order

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33
papers

2,323
citations

257101

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395343

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docs citations

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times ranked

4037
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal Titration Calorimetry. <i>Methods in Molecular Biology</i> , 2021, 2263, 135-159.	0.4	10
2	Target-induced clustering activates Trim-Away of pathogens and proteins. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 278-289.	3.6	44
3	Signalling lymphocyte activation molecule family member 9 is found on select subsets of antigen-presenting cells and promotes resistance to <i>Salmonella</i> infection. <i>Immunology</i> , 2020, 159, 393-403.	2.0	7
4	CCDC61/VFL3 Is a Paralog of SAS6 and Promotes Ciliary Functions. <i>Structure</i> , 2020, 28, 674-689.e11.	1.6	16
5	Effect of structural stability on endolysosomal degradation and cell reactivity of major shrimp allergen tropomyosin. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2909-2919.	2.7	25
6	Membrane characteristics tune activities of endosomal and autophagic human VPS34 complexes. <i>ELife</i> , 2020, 9, .	2.8	34
7	Architecture of human Rag GTPase heterodimers and their complex with mTORC1. <i>Science</i> , 2019, 366, 203-210.	6.0	89
8	Methionine in a protein hydrophobic core drives tight interactions required for assembly of spider silk. <i>Nature Communications</i> , 2019, 10, 4378.	5.8	23
9	Hexameric assembly of the AAA+ protein McrB is necessary for GTPase activity. <i>Nucleic Acids Research</i> , 2019, 47, 868-882.	6.5	11
10	pH-Driven RNA Strand Separation under Prebiotically Plausible Conditions. <i>Biochemistry</i> , 2018, 57, 6382-6386.	1.2	58
11	RNA-directed activation of cytoplasmic dynein-1 in reconstituted transport RNPs. <i>ELife</i> , 2018, 7, .	2.8	72
12	Intracellular antibody signalling is regulated by phosphorylation of the Fc receptor TRIM21. <i>ELife</i> , 2018, 7, .	2.8	57
13	A Flat BAR Protein Promotes Actin Polymerization at the Base of Clathrin-Coated Pits. <i>Cell</i> , 2018, 174, 325-337.e14.	13.5	94
14	Conservation of folding and association within a family of spidroin N-terminal domains. <i>Scientific Reports</i> , 2017, 7, 16789.	1.6	10
15	Exploration of Protein Unfolding by Modelling Calorimetry Data from Reheating. <i>Scientific Reports</i> , 2017, 7, 16321.	1.6	39
16	Tor forms a dimer through an N-terminal helical solenoid with a complex topology. <i>Nature Communications</i> , 2016, 7, 11016.	5.8	76
17	Wnt Signalingosome Assembly by DEP Domain Swapping of Dishevelled. <i>Molecular Cell</i> , 2016, 64, 92-104.	4.5	125
18	TCTP contains a BH3-like domain, which instead of inhibiting, activates Bcl-xL. <i>Scientific Reports</i> , 2016, 6, 19725.	1.6	39

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19	Characterization of Atg38 and NRBF2, a fifth subunit of the autophagic Vps34/PIK3C3 complex. <i>Autophagy</i> , 2016, 12, 2129-2144.	4.3	52
20	Fold stability during endolysosomal acidification is a key factor for allergenicity and immunogenicity of the major birch pollen allergen. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1525-1534.	1.5	69
21	An ancient Pygo-dependent Wnt enhanceosome integrated by Chip/LDB-SSDP. <i>ELife</i> , 2015, 4, .	2.8	49
22	CTNNB1 facilitates the association of CWC15 with CDC5L and is required to maintain the abundance of the Prp19 spliceosomal complex. <i>Nucleic Acids Research</i> , 2015, 43, 7058-7069.	6.5	19
23	Ubiquitination of the Dishevelled DIX domain blocks its head-to-tail polymerization. <i>Nature Communications</i> , 2015, 6, 6718.	5.8	50
24	Microsecond Folding and Domain Motions of a Spider Silk Protein Structural Switch. <i>Journal of the American Chemical Society</i> , 2014, 136, 17136-17144.	6.6	39
25	Structural Interactions between Inhibitor and Substrate Docking Sites Give Insight into Mechanisms of Human PS1 Complexes. <i>Structure</i> , 2014, 22, 125-135.	1.6	56
26	Mouse SLX4 Is a Tumor Suppressor that Stimulates the Activity of the Nuclease XPF-ERCC1 in DNA Crosslink Repair. <i>Molecular Cell</i> , 2014, 54, 472-484.	4.5	126
27	Novel microscale approaches for easy, rapid determination of protein stability in academic and commercial settings. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2241-2250.	1.1	76
28	The N-terminal domains of spider silk proteins assemble ultrafast and protected from charge screening. <i>Nature Communications</i> , 2013, 4, 2815.	5.8	65
29	Differential scanning calorimetry as a tool for protein folding and stability. <i>Archives of Biochemistry and Biophysics</i> , 2013, 531, 100-109.	1.4	289
30	Antibodies mediate intracellular immunity through tripartite motif-containing 21 (TRIM21). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19985-19990.	3.3	408
31	Direct observation of ultrafast folding and denatured state dynamics in single protein molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18569-18574.	3.3	109
32	Design of highly stable functional GroEL minichaperones. <i>Protein Science</i> , 1999, 8, 2186-2193.	3.1	73
33	Increased rates of tRNA charging through modification of the enzyme-aminoacyl-adenylate complex of phenylalanyl-tRNA synthetase. <i>FEBS Letters</i> , 1995, 358, 293-296.	1.3	14