

Alex Zelter

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

824
citations

17
h-index

28
g-index

31
ext. papers

1,030
ext. citations

7.8
avg. IF

3.75
L-index

#	Paper	IF	Citations
25	Phosphoregulation and depolymerization-driven movement of the Dam1 complex do not require ring formation. <i>Nature Cell Biology</i> , 2008 , 10, 407-14	23.4	122
24	Kojak: efficient analysis of chemically cross-linked protein complexes. <i>Journal of Proteome Research</i> , 2015 , 14, 2190-8	5.6	116
23	Ring closure activates yeast M^{u} RC for species-specific microtubule nucleation. <i>Nature Structural and Molecular Biology</i> , 2015 , 22, 132-7	17.6	95
22	First Community-Wide, Comparative Cross-Linking Mass Spectrometry Study. <i>Analytical Chemistry</i> , 2019 , 91, 6953-6961	7.8	57
21	Computationally designed high specificity inhibitors delineate the roles of BCL2 family proteins in cancer. <i>ELife</i> , 2016 , 5,	8.9	52
20	Human Ska complex and Ndc80 complex interact to form a load-bearing assembly that strengthens kinetochore-microtubule attachments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2740-2745	11.5	42
19	A Bifunctional Role for the UHRF1 \square UBL Domain in the Control of Hemi-methylated DNA-Dependent Histone Ubiquitylation. <i>Molecular Cell</i> , 2018 , 72, 753-765.e6	17.6	39
18	The molecular architecture of the Dam1 kinetochore complex is defined by cross-linking based structural modelling. <i>Nature Communications</i> , 2015 , 6, 8673	17.4	36
17	The Ndc80 complex bridges two Dam1 complex rings. <i>ELife</i> , 2017 , 6,	8.9	35
16	ProXL (Protein Cross-Linking Database): A Platform for Analysis, Visualization, and Sharing of Protein Cross-Linking Mass Spectrometry Data. <i>Journal of Proteome Research</i> , 2016 , 15, 2863-70	5.6	33
15	Regulation of outer kinetochore Ndc80 complex-based microtubule attachments by the central kinetochore Mis12/MIND complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5583-9	11.5	31
14	Isotope signatures allow identification of chemically cross-linked peptides by mass spectrometry: a novel method to determine interresidue distances in protein structures through cross-linking. <i>Journal of Proteome Research</i> , 2010 , 9, 3583-9	5.6	27
13	Identification of Wiskott-Aldrich syndrome protein (WASP) binding sites on the branched actin filament nucleator Arp2/3 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1409-E1418	11.5	21
12	Higher-order oligomerization of Spc110p drives β tubulin ring complex assembly. <i>Molecular Biology of the Cell</i> , 2016 , 27, 2245-58	3.5	20
11	Direct protein-protein interactions and substrate channeling between cellular retinoic acid binding proteins and CYP26B1. <i>FEBS Letters</i> , 2016 , 590, 2527-35	3.8	19
10	Kinetochore biorientation in <i>Saccharomyces cerevisiae</i> requires a tightly folded conformation of the Ndc80 complex. <i>Genetics</i> , 2014 , 198, 1483-93	4	17
9	Coupling unbiased mutagenesis to high-throughput DNA sequencing uncovers functional domains in the Ndc80 kinetochore protein of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2013 , 195, 159-70	4	17

8	CYP26C1 Is a Hydroxylase of Multiple Active Retinoids and Interacts with Cellular Retinoic Acid Binding Proteins. <i>Molecular Pharmacology</i> , 2018 , 93, 489-503	4.3	16
7	Kinetochores-associated Stu2 promotes chromosome biorientation in vivo. <i>PLoS Genetics</i> , 2019 , 15, e1008423	8.4	12
6	Novel phosphorylation states of the yeast spindle pole body. <i>Biology Open</i> , 2018 , 7,	2.2	9
5	CM1-driven assembly and activation of yeast β -tubulin small complex underlies microtubule nucleation. <i>ELife</i> , 2021 , 10,	8.9	5
4	Discovery and visualization of uncharacterized drug-protein adducts using mass spectrometry		1
3	Proxl (Protein Cross-Linking Database): A Public Server, QC Tools, and Other Major Updates. <i>Journal of Proteome Research</i> , 2019 , 18, 759-764	5.6	0
2	Differential inactivation mechanism and covalent adduct formation of ALDH1A1 and ALDH1A2 by WIN18,446. <i>FASEB Journal</i> , 2018 , 32, 833.10	0.9	
1	Role of the Spc105 Complex in Organization and Microtubule-Binding Activity of the Budding Yeast Kinetochores. <i>FASEB Journal</i> , 2018 , 32, 533.105	0.9	