

# Yi Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3185444/publications.pdf>

Version: 2024-02-01

24  
papers

2,812  
citations

471509

17  
h-index

677142

22  
g-index

29  
all docs

29  
docs citations

29  
times ranked

6787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies in humanized mice and convalescent humans yield a SARS-CoV-2 antibody cocktail. <i>Science</i> , 2020, 369, 1010-1014.	12.6	1,140
2	Quantitation of DNA double-strand break resection intermediates in human cells. <i>Nucleic Acids Research</i> , 2014, 42, e19-e19.	14.5	197
3	Identification of Niclosamide as a New Small-Molecule Inhibitor of the STAT3 Signaling Pathway. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 454-459.	2.8	196
4	The monoclonal antibody combination REGEN-COV protects against SARS-CoV-2 mutational escape in preclinical and human studies. <i>Cell</i> , 2021, 184, 3949-3961.e11.	28.9	171
5	Catalytic and Noncatalytic Roles of the CtIP Endonuclease in Double-Strand Break End Resection. <i>Molecular Cell</i> , 2014, 54, 1022-1033.	9.7	158
6	Human Mre11/Human Rad50/Nbs1 and DNA Ligase III $\alpha$ /XRCC1 Protein Complexes Act Together in an Alternative Nonhomologous End Joining Pathway. <i>Journal of Biological Chemistry</i> , 2011, 286, 33845-33853.	3.4	113
7	Regulation of the DNA Damage Response by DNA-PKcs Inhibitory Phosphorylation of ATM. <i>Molecular Cell</i> , 2017, 65, 91-104.	9.7	105
8	Chamber identity programs drive early functional partitioning of the heart. <i>Nature Communications</i> , 2015, 6, 8146.	12.8	103
9	ATM directs DNA damage responses and proteostasis via genetically separable pathways. <i>Science Signaling</i> , 2018, 11, .	3.6	87
10	Single-molecule imaging reveals the mechanism of Exo1 regulation by single-stranded DNA binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1170-9.	7.1	81
11	Stress from Nucleotide Depletion Activates the Transcriptional Regulator HEXIM1 to Suppress Melanoma. <i>Molecular Cell</i> , 2016, 62, 34-46.	9.7	71
12	Supercharging enables organized assembly of synthetic biomolecules. <i>Nature Chemistry</i> , 2019, 11, 204-212.	13.6	70
13	DNA-dependent Protein Kinase Regulates DNA End Resection in Concert with Mre11-Rad50-Nbs1 (MRN) and Ataxia Telangiectasia-mutated (ATM). <i>Journal of Biological Chemistry</i> , 2013, 288, 37112-37125.	3.4	58
14	Effects of an AMP-Activated Protein Kinase Inhibitor, Compound C, on Adipogenic Differentiation of 3T3-L1 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1716-1722.	1.4	57
15	Inhibitory Effects of A-769662, a Novel Activator of AMP-Activated Protein Kinase, on 3T3-L1 Adipogenesis. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 993-998.	1.4	49
16	CXCR1 remodels the vascular niche to promote hematopoietic stem and progenitor cell engraftment. <i>Journal of Experimental Medicine</i> , 2017, 214, 1011-1027.	8.5	43
17	A chemical screen in zebrafish embryonic cells establishes that Akt activation is required for neural crest development. <i>ELife</i> , 2017, 6, .	6.0	37
18	Direct measurement of single-stranded DNA intermediates in mammalian cells by quantitative polymerase chain reaction. <i>Analytical Biochemistry</i> , 2015, 479, 48-50.	2.4	19

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19	Separating distinct structures of multiple macromolecular assemblies from cryo-EM projections. <i>Journal of Structural Biology</i> , 2020, 209, 107416.	2.8	19
20	External signals regulate continuous transcriptional states in hematopoietic stem cells. <i>ELife</i> , 2021, 10, .	6.0	10
21	SATB2 induction of a neural crest mesenchyme-like program drives melanoma invasion and drug resistance. <i>ELife</i> , 2021, 10, .	6.0	9
22	Quantifying DNA End Resection in Human Cells. <i>Methods in Molecular Biology</i> , 2021, 2153, 59-69.	0.9	5
23	Structural Studies of an Anti-SARS-CoV-2 Antibody Cocktail. <i>Microscopy and Microanalysis</i> , 2021, 27, 2844-2846.	0.4	0
24	Apurinic/Apyrimidinic Endonuclease 1 Induced Genomic Instability Causes T-Cell Acute Lymphoblastic Leukemia in Zebrafish. <i>Blood</i> , 2015, 126, 1431-1431.	1.4	0