

# Jared L Johnson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8044072/publications.pdf>

Version: 2024-02-01

24  
papers

1,904  
citations

430442

18  
h-index

642321

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer cell-derived microvesicles induce transformation by transferring tissue transglutaminase and fibronectin to recipient cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4852-4857.	3.3	415
2	Identification of SARS-CoV-2 inhibitors using lung and colonic organoids. <i>Nature</i> , 2021, 589, 270-275.	13.7	389
3	Double <i>PIK3CA</i> mutations in cis increase oncogenicity and sensitivity to PI3K <sup>Î±</sup> inhibitors. <i>Science</i> , 2019, 366, 714-723.	6.0	185
4	Dietary fructose improves intestinal cell survival and nutrient absorption. <i>Nature</i> , 2021, 597, 263-267.	13.7	133
5	Establishment of a robust single axis of cell polarity by coupling multiple positive feedback loops. <i>Nature Communications</i> , 2013, 4, 1807.	5.8	99
6	New Insights into How the Rho Guanine Nucleotide Dissociation Inhibitor Regulates the Interaction of Cdc42 with Membranes. <i>Journal of Biological Chemistry</i> , 2009, 284, 23860-23871.	1.6	82
7	Phosphatidylinositol-5-Phosphate 4-Kinases Regulate Cellular Lipid Metabolism By Facilitating Autophagy. <i>Molecular Cell</i> , 2018, 70, 531-544.e9.	4.5	68
8	Interactions between epigenetics and metabolism in cancers. <i>Frontiers in Oncology</i> , 2012, 2, 163.	1.3	67
9	A Chemoproteomic Strategy for Direct and Proteome-Wide Covalent Inhibitor Target-Site Identification. <i>Journal of the American Chemical Society</i> , 2019, 141, 191-203.	6.6	65
10	C-terminal Di-arginine Motif of Cdc42 Protein Is Essential for Binding to Phosphatidylinositol 4,5-Bisphosphate-containing Membranes and Inducing Cellular Transformation. <i>Journal of Biological Chemistry</i> , 2012, 287, 5764-5774.	1.6	48
11	Selective inhibition of CDK7 reveals high-confidence targets and new models for TFIIF function in transcription. <i>Genes and Development</i> , 2020, 34, 1452-1473.	2.7	47
12	A Unique Role for Heat Shock Protein 70 and Its Binding Partner Tissue Transglutaminase in Cancer Cell Migration. <i>Journal of Biological Chemistry</i> , 2011, 286, 37094-37107.	1.6	41
13	EGF-receptor specificity for phosphotyrosine-primed substrates provides signal integration with Src. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 983-990.	3.6	36
14	Phosphorylation-dependent substrate selectivity of protein kinase B (AKT1). <i>Journal of Biological Chemistry</i> , 2020, 295, 8120-8134.	1.6	35
15	Coagulation factors directly cleave SARS-CoV-2 spike and enhance viral entry. <i>ELife</i> , 2022, 11, .	2.8	34
16	Human primary immunodeficiency caused by expression of a kinase-dead p110 <sup>Î±</sup> mutant. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 797-799.e2.	1.5	33
17	Prenylation and Membrane Localization of Cdc42 Are Essential for Activation by DOCK7. <i>Biochemistry</i> , 2013, 52, 4354-4363.	1.2	28
18	Regulation of folate and methionine metabolism by multisite phosphorylation of human methylenetetrahydrofolate reductase. <i>Scientific Reports</i> , 2019, 9, 4190.	1.6	23

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19	The chromatin remodeler RSF1 controls centromeric histone modifications to coordinate chromosome segregation. <i>Nature Communications</i> , 2018, 9, 3848.	5.8	20
20	Discovery of Covalent CDK14 Inhibitors with Pan-TAIRE Family Specificity. <i>Cell Chemical Biology</i> , 2019, 26, 804-817.e12.	2.5	19
21	Mapping Post-Translational Modifications of de Novo Purine Biosynthetic Enzymes: Implications for Pathway Regulation. <i>Journal of Proteome Research</i> , 2019, 18, 2078-2087.	1.8	14
22	Development of a CDK10/CycM in vitro Kinase Screening Assay and Identification of First Small-Molecule Inhibitors. <i>Frontiers in Chemistry</i> , 2020, 8, 147.	1.8	12
23	A Quantitative Fluorometric Approach for Measuring the Interaction of RhoGDI with Membranes and Rho GTPases. <i>Methods in Molecular Biology</i> , 2012, 827, 107-119.	0.4	1
24	Abstract 16: Patterns and regulation of post translational modifications in cancer. , 2021, , .		0