

Miranda Wilson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1207182/publications.pdf>

Version: 2024-02-01

22
papers

1,259
citations

394421

19
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Inositol pyrophosphates: between signalling and metabolism. <i>Biochemical Journal</i> , 2013, 452, 369-379.	3.7	231
2	FOXO1 is a transcriptional target of ERK1/2 and has a critical role in breast cancer endocrine sensitivity and resistance. <i>Oncogene</i> , 2010, 29, 2983-2995.	5.9	132
3	A novel method for the purification of inositol phosphates from biological samples reveals that no phytate is present in human plasma or urine. <i>Open Biology</i> , 2015, 5, 150014.	3.6	108
4	The Transcription Factor Encyclopedia. <i>Genome Biology</i> , 2012, 13, R24.	9.6	103
5	The inositol hexakisphosphate kinases IP6K1 and -2 regulate human cellular phosphate homeostasis, including XPR1-mediated phosphate export. <i>Journal of Biological Chemistry</i> , 2019, 294, 11597-11608.	3.4	76
6	FOXO and FOXM1 in Cancer: The FOXO-FOXM1 Axis Shapes the Outcome of Cancer Chemotherapy. <i>Current Drug Targets</i> , 2011, 12, 1256-1266.	2.1	69
7	Cellular IP6 Levels Limit HIV Production while Viruses that Cannot Efficiently Package IP6 Are Attenuated for Infection and Replication. <i>Cell Reports</i> , 2019, 29, 3983-3996.e4.	6.4	65
8	ITPK1 mediates the lipid-independent synthesis of inositol phosphates controlled by metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 24551-24561.	7.1	61
9	Interplay between primary familial brain calcification-associated SLC20A2 and XPR1 phosphate transporters requires inositol polyphosphates for control of cellular phosphate homeostasis. <i>Journal of Biological Chemistry</i> , 2020, 295, 9366-9378.	3.4	47
10	A stable immature lattice packages IP ₆ for HIV capsid maturation. <i>Science Advances</i> , 2021, 7, .	10.3	44
11	FOXO Transcription Factors: From Cell Fate Decisions to Regulation of Human Female Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2009, 665, 227-241.	1.6	41
12	Phosphate, inositol and polyphosphates. <i>Biochemical Society Transactions</i> , 2016, 44, 253-259.	3.4	39
13	Prometabolites of 5'-Diphospho- <i>myo</i> -inositol Pentakisphosphate. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9622-9626.	13.8	38
14	Inositol Pyrophosphate Profiling of Two HCT116 Cell Lines Uncovers Variation in InsP8 Levels. <i>PLoS ONE</i> , 2016, 11, e0165286.	2.5	37
15	MINPP1 prevents intracellular accumulation of the chelator inositol hexakisphosphate and is mutated in Pontocerebellar Hypoplasia. <i>Nature Communications</i> , 2020, 11, 6087.	12.8	28
16	Contribution of polymorphic variation of inositol hexakisphosphate kinase 3 (IP6K3) gene promoter to the susceptibility to late onset Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1766-1773.	3.8	26
17	Inositol Phosphates Purification Using Titanium Dioxide Beads. <i>Bio-protocol</i> , 2018, 8, .	0.4	26
18	Microbial inositol polyphosphate metabolic pathway as drug development target. <i>Advances in Biological Regulation</i> , 2018, 67, 74-83.	2.3	25

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19	FOXO Transcription Factors and their Role in Disorders of the Female Reproductive Tract. <i>Current Drug Targets</i> , 2011, 12, 1291-1302.	2.1	20
20	Importance of Radioactive Labelling to Elucidate Inositol Polyphosphate Signalling. <i>Topics in Current Chemistry</i> , 2017, 375, 14.	5.8	18
21	Semi-Automated Analysis of Organelle Movement and Membrane Content: Understanding Rab-Motor Complex Transport Function. <i>Traffic</i> , 2011, 12, 1686-1701.	2.7	14
22	There is no "Conundrum" of InsP ₆ . <i>Open Biology</i> , 2015, 5, 150181.	3.6	4