

# Christopher Wittwer

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

411  
citations

1039880

9  
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1474057

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g-index

9  
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9  
docs citations

9  
times ranked

462  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inositol Pyrophosphate InsP <sub>8</sub> Acts as an Intracellular Phosphate Signal in Arabidopsis. <i>Molecular Plant</i> , 2019, 12, 1463-1473.	3.9	143
2	Control of XPR1-dependent cellular phosphate efflux by InsP <sub>8</sub> is an exemplar for functionally-exclusive inositol pyrophosphate signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3568-3574.	3.3	70
3	Analysis of inositol phosphate metabolism by capillary electrophoresis electrospray ionization mass spectrometry. <i>Nature Communications</i> , 2020, 11, 6035.	5.8	69
4	5-Diphosphoinositol pentakisphosphate (5-IP <sub>7</sub> ) regulates phosphate release from acidocalcisomes and yeast vacuoles. <i>Journal of Biological Chemistry</i> , 2018, 293, 19101-19112.	1.6	32
5	InsP <sub>7</sub> is a small-molecule regulator of NUDT3-mediated mRNA decapping and processing-body dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19245-19253.	3.3	27
6	Hydrophilic interaction liquid chromatography–tandem mass spectrometry for the quantitative analysis of mammalian-derived inositol poly/pyrophosphates. <i>Journal of Chromatography A</i> , 2018, 1573, 87-97.	1.8	23
7	Photolysis of cell-permeant caged inositol pyrophosphates controls oscillations of cytosolic calcium in a $\hat{1}^2$ -cell line. <i>Chemical Science</i> , 2019, 10, 2687-2692.	3.7	18
8	The inositol pyrophosphate 5-InsP <sub>7</sub> drives sodium-potassium pump degradation by relieving an autoinhibitory domain of PI3K p85 $\hat{1}$ . <i>Science Advances</i> , 2020, 6, .	4.7	16
9	Photolysis of Caged Inositol Pyrophosphate InsP <sub>8</sub> Directly Modulates Intracellular Ca <sup>2+</sup> Oscillations and Controls C2AB Domain Localization. <i>Journal of the American Chemical Society</i> , 2020, 142, 10606-10611.	6.6	13