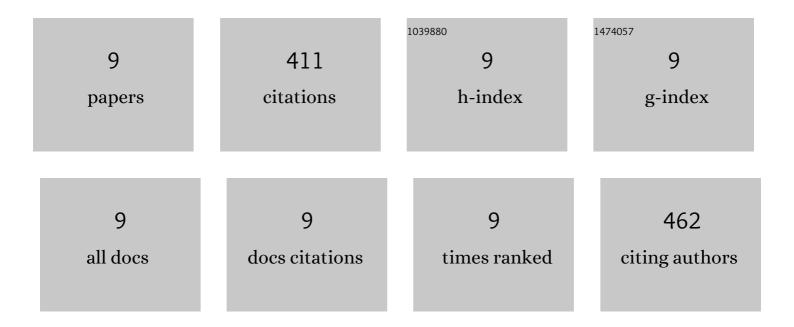
## **Christopher Wittwer**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8326665/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Inositol Pyrophosphate InsP8 Acts as an Intracellular Phosphate Signal in Arabidopsis. Molecular Plant, 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. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3568-3574.	3.3	70
3	Analysis of inositol phosphate metabolism by capillary electrophoresis electrospray ionization mass spectrometry. Nature Communications, 2020, 11, 6035.	5.8	69
4	5-Diphosphoinositol pentakisphosphate (5-IP7) regulates phosphate release from acidocalcisomes and yeast vacuoles. Journal of Biological Chemistry, 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. Proceedings of the National Academy of Sciences of the United States of America, 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. Journal of Chromatography A, 2018, 1573, 87-97.	1.8	23
7	Photolysis of cell-permeant caged inositol pyrophosphates controls oscillations of cytosolic calcium in a β-cell line. Chemical Science, 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 p85α. Science Advances, 2020, 6, .	4.7	16
9	Photolysis of Caged Inositol Pyrophosphate InsP8 Directly Modulates Intracellular Ca2+ Oscillations and Controls C2AB Domain Localization. Journal of the American Chemical Society, 2020, 142, 10606-10611.	6.6	13