

Michael D Paul

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

328
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Piquing our interest: Insights into the role of PEAK3 in signaling and disease. <i>Science Signaling</i> , 2022, 15, eabm9396.	3.6	3
2	Direct Quantification of Ligand-Induced Lipid and Protein Microdomains with Distinctive Signaling Properties**. <i>ChemSystemsChem</i> , 2022, 4, .	2.6	1
3	CNPY4 inhibits the Hedgehog pathway by modulating membrane sterol lipids. <i>Nature Communications</i> , 2022, 13, 2407.	12.8	3
4	Probing Membrane Protein Association Using Concentration-Dependent Number and Brightness. <i>Angewandte Chemie</i> , 2021, 133, 6577-6582.	2.0	2
5	Probing Membrane Protein Association Using Concentration-Dependent Number and Brightness. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6503-6508.	13.8	11
6	Interactions between Ligand-Bound EGFR and VEGFR2. <i>Journal of Molecular Biology</i> , 2021, 433, 167006.	4.2	3
7	Ligand bias in receptor tyrosine kinase signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 18494-18507.	3.4	28
8	Quantifying the strength of heterointeractions among receptor tyrosine kinases from different subfamilies: Implications for cell signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 9917-9933.	3.4	23
9	The biophysical basis of receptor tyrosine kinase ligand functional selectivity: Trk-B case study. <i>Biochemical Journal</i> , 2020, 477, 4515-4526.	3.7	11
10	The transition model of RTK activation: A quantitative framework for understanding RTK signaling and RTK modulator activity. <i>Cytokine and Growth Factor Reviews</i> , 2019, 49, 23-31.	7.2	31
11	The RTK Interactome: Overview and Perspective on RTK Heterointeractions. <i>Chemical Reviews</i> , 2019, 119, 5881-5921.	47.7	59
12	Optical stimulation of cardiac cells with a polymer-supported silicon nanowire matrix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 413-421.	7.1	76
13	The SAM domain inhibits EphA2 interactions in the plasma membrane. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 31-38.	4.1	43