

# Michael D Paul

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1666944/publications.pdf>

Version: 2024-02-01

13  
papers

328  
citations

1163117

8  
h-index

1125743

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g-index

15  
all docs

15  
docs citations

15  
times ranked

502  
citing authors

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