

# Weigang Huang

## List of Publications by Year in descending order

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17  
papers

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citations

1040056

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#	ARTICLE	IF	CITATIONS
1	“Fix and Click” for Assay of Sphingolipid Signaling in Single Primary Human Intestinal Epithelial Cells. <i>Analytical Chemistry</i> , 2022, 94, 1594-1600.	6.5	5
2	Fluorogenic XY-69 in Lipid Vesicles for Measuring Activity of Phospholipase C Isozymes. <i>Methods in Molecular Biology</i> , 2021, 2251, 225-236.	0.9	2
3	A Novel Antiparasitic Compound Kills Ring-Stage Plasmodium falciparum and Retains Activity Against Artemisinin-Resistant Parasites. <i>Journal of Infectious Diseases</i> , 2020, 221, 956-962.	4.0	10
4	A High-Throughput Assay to Identify Allosteric Inhibitors of the PLC- $\beta$ Isozymes Operating at Membranes. <i>Biochemistry</i> , 2020, 59, 4029-4038.	2.5	5
5	Structural basis for the activation of PLC- $\beta$ isozymes by phosphorylation and cancer-associated mutations. <i>ELife</i> , 2019, 8, .	6.0	52
6	A membrane-associated, fluorogenic reporter for mammalian phospholipase C isozymes. <i>Journal of Biological Chemistry</i> , 2018, 293, 1728-1735.	3.4	17
7	Required hydrophobicity of fluorescent reporters for phosphatidylinositol family of lipid enzymes. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6781-6789.	3.7	3
8	Charge Shielding of PIP2 by Cations Regulates Enzyme Activity of Phospholipase C. <i>PLoS ONE</i> , 2015, 10, e0144432.	2.5	18
9	Fluorous Photoaffinity Labeling to Probe Protein-Small Molecule Interactions. <i>Methods in Molecular Biology</i> , 2015, 1263, 253-261.	0.9	0
10	Membrane-induced Allosteric Control of Phospholipase C- $\beta$ Isozymes. <i>Journal of Biological Chemistry</i> , 2014, 289, 29545-29557.	3.4	33
11	Fluorous enzymatic synthesis of phosphatidylinositides. <i>Chemical Communications</i> , 2014, 50, 2928-2931.	4.1	5
12	Small Molecule Inhibitors of Phospholipase C from a Novel High-throughput Screen*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5840-5848.	3.4	29
13	Incorporation of a fluorine diazirine group into phosphatidylinositol 4,5-bisphosphate to illustrate its interaction with ADP-ribosylation factor 1. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5197.	2.8	6
14	A Fluorogenic, Small Molecule Reporter for Mammalian Phospholipase C Isozymes. <i>ACS Chemical Biology</i> , 2011, 6, 223-228.	3.4	32
15	Kinetic analysis of PI3K reactions with fluorescent PIP2 derivatives. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1881-1888.	3.7	21
16	Total synthesis of mallotophilippen C. <i>Tetrahedron Letters</i> , 2006, 47, 4153-4155.	1.4	14
17	Synthesis of miltirone analogues as inhibitors of Cdc25 phosphatases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 1905-1908.	2.2	28