

Matilda Katan-Muller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2390953/publications.pdf>

Version: 2024-02-01

26
papers

1,526
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

2650
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the membrane interactions of phospholipase C β 3 reveals key features of the active enzyme. <i>Science Advances</i> , 2022, 8, .	10.3	7
2	Cells of the human intestinal tract mapped across space and time. <i>Nature</i> , 2021, 597, 250-255.	27.8	266
3	Frequent and Persistent PLCG1 Mutations in S α zary Cells Directly Enhance PLC β 1 Activity and Stimulate NF κ B, AP-1, and NFAT Signaling. <i>Journal of Investigative Dermatology</i> , 2020, 140, 380-389.e4.	0.7	25
4	Phospholipase C families: Common themes and versatility in physiology and pathology. <i>Progress in Lipid Research</i> , 2020, 80, 101065.	11.6	48
5	Severe Autoinflammatory Manifestations and Antibody Deficiency Due to Novel Hypermorphic PLCG2 Mutations. <i>Journal of Clinical Immunology</i> , 2020, 40, 987-1000.	3.8	41
6	Targeting the Src Pathway Enhances the Efficacy of Selective FGFR Inhibitors in Urothelial Cancers with FGFR3 Alterations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3214.	4.1	11
7	Phosphatidylinositol(4,5)bisphosphate: diverse functions at the plasma membrane. <i>Essays in Biochemistry</i> , 2020, 64, 513-531.	4.7	82
8	Alzheimer's disease phospholipase C-gamma-2 (PLCG2) protective variant is a functional hypermorph. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 16.	6.2	100
9	Disease Variants of FGFR3 Reveal Molecular Basis for the Recognition and Additional Roles for Cdc37 in Hsp90 Chaperone System. <i>Structure</i> , 2018, 26, 446-458.e8.	3.3	13
10	NMR backbone assignments of the tyrosine kinase domain of human fibroblast growth factor receptor 3 in apo state and in complex with inhibitor PD173074. <i>Biomolecular NMR Assignments</i> , 2018, 12, 231-235.	0.8	2
11	Novel PLCG2 Mutation in a Patient With APLAID and Cutis Laxa. <i>Frontiers in Immunology</i> , 2018, 9, 2863.	4.8	64
12	Dynamic Allostery in PLC β 1 and Its Modulation by a Cancer Mutation Revealed by MD Simulation and NMR. <i>Biophysical Journal</i> , 2018, 115, 31-45.	0.5	10
13	Conformational transition of FGFR kinase activation revealed by site-specific unnatural amino acid reporter and single molecule FRET. <i>Scientific Reports</i> , 2017, 7, 39841.	3.3	6
14	Unique signalling connectivity of FGFR3-TACC3 oncoprotein revealed by quantitative phosphoproteomics and differential network analysis. <i>Oncotarget</i> , 2017, 8, 102898-102911.	1.8	10
15	Landscape of activating cancer mutations in FGFR kinases and their differential responses to inhibitors in clinical use. <i>Oncotarget</i> , 2016, 7, 24252-24268.	1.8	83
16	Screening for protein-protein interactions using Förster resonance energy transfer (FRET) and fluorescence lifetime imaging microscopy (FLIM). <i>Scientific Reports</i> , 2016, 6, 28186.	3.3	75
17	Global Profiling of Huntingtin-associated protein E (HYPE)-Mediated AMPylation through a Chemical Proteomic Approach. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 715-725.	3.8	56
18	Time-resolved FRET reports FGFR1 dimerization and formation of a complex with its effector PLC β 1. <i>Advances in Biological Regulation</i> , 2016, 60, 6-13.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Quantitative in vivo optical tomography of cancer progression & vasculature development in adult zebrafish. <i>Oncotarget</i> , 2016, 7, 43939-43948.	1.8	23
20	Homo-FRET Based Biosensors and Their Application to Multiplexed Imaging of Signalling Events in Live Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14695-14716.	4.1	51
21	The Effect of Mutations on Drug Sensitivity and Kinase Activity of Fibroblast Growth Factor Receptors: A Combined Experimental and Theoretical Study. <i>EBioMedicine</i> , 2015, 2, 194-204.	6.1	60
22	Evaluation of phosphopeptide enrichment strategies for quantitative TMT analysis of complex network dynamics in cancer-associated cell signalling. <i>EuPA Open Proteomics</i> , 2015, 6, 10-15.	2.5	15
23	Accelerated Optical Projection Tomography Applied to In Vivo Imaging of Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0136213.	2.5	45
24	Crystal Structure of the Human, FIC-Domain Containing Protein HYPE and Implications for Its Functions. <i>Structure</i> , 2014, 22, 1831-1843.	3.3	48
25	Recurrent PTPRB and PLCG1 mutations in angiosarcoma. <i>Nature Genetics</i> , 2014, 46, 376-379.	21.4	269
26	Dysfunction of phospholipase C β 3 in immune disorders and cancer. <i>Trends in Biochemical Sciences</i> , 2014, 39, 603-611.	7.5	107