

# Maria S Ioannou

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,314  
citations

686830

13  
h-index

713013

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuron-Astrocyte Metabolic Coupling Protects against Activity-Induced Fatty Acid Toxicity. <i>Cell</i> , 2019, 177, 1522-1535.e14.	13.5	350
2	Spastin tethers lipid droplets to peroxisomes and directs fatty acid trafficking through ESCRT-III. <i>Journal of Cell Biology</i> , 2019, 218, 2583-2599.	2.3	139
3	Biological Activity of Nerve Growth Factor Precursor Is Dependent upon Relative Levels of Its Receptors. <i>Journal of Biological Chemistry</i> , 2009, 284, 18424-18433.	1.6	115
4	Rab35: <sc>GEFs</sc>, <sc>GAPs</sc> and Effectors. <i>Traffic</i> , 2013, 14, 1109-1117.	1.3	108
5	Macropinosome formation by tent pole ruffling in macrophages. <i>Journal of Cell Biology</i> , 2018, 217, 3873-3885.	2.3	90
6	Lipid droplets in the nervous system. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	82
7	Visualizing long-term single-molecule dynamics in vivo by stochastic protein labeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 343-348.	3.3	79
8	DENND2B activates Rab13 at the leading edge of migrating cells and promotes metastatic behavior. <i>Journal of Cell Biology</i> , 2015, 208, 629-648.	2.3	78
9	Neuronal ROS-induced glial lipid droplet formation is altered by loss of Alzheimer's disease-associated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	59
10	Connecdenn 3/DENND1C binds actin linking Rab35 activation to the actin cytoskeleton. <i>Molecular Biology of the Cell</i> , 2012, 23, 163-175.	0.9	43
11	Scyl1 scaffolds class II Arfs to selective subcomplexes of coatamer via the $\hat{\beta}$ -COP appendage domain. <i>Journal of Cell Science</i> , 2014, 127, 1454-63.	1.2	40
12	Regulation of Cancer Cell Behavior by the Small GTPase Rab13. <i>Journal of Biological Chemistry</i> , 2016, 291, 9929-9937.	1.6	38
13	Phosphorylation-dependent Regulation of Connecdenn/DENND1 Guanine Nucleotide Exchange Factors. <i>Journal of Biological Chemistry</i> , 2015, 290, 17999-18008.	1.6	18
14	A Neuron-Glia Co-culture System for Studying Intercellular Lipid Transport. <i>Current Protocols in Cell Biology</i> , 2019, 84, e95.	2.3	18
15	Intersectin's interaction with DENND2B facilitates recycling of epidermal growth factor receptor. <i>EMBO Reports</i> , 2017, 18, 2119-2130.	2.0	15
16	Microdomains form on the luminal face of neuronal extracellular vesicle membranes. <i>Scientific Reports</i> , 2020, 10, 11953.	1.6	14
17	Rab13 Traffics on Vesicles Independent of Prenylation. <i>Journal of Biological Chemistry</i> , 2016, 291, 10726-10735.	1.6	9
18	Rab-mediated membrane trafficking and the control of epithelial cell polarity. <i>Journal of Cell Biology</i> , 2016, 213, 301-303.	2.3	7

#	ARTICLE	IF	CITATIONS
19	The Role of EHD Proteins at the Neuronal Synapse. <i>Science Signaling</i> , 2012, 5, jc1.	1.6	6
20	Current Insights into Fatty Acid Transport in the Brain. <i>Journal of Membrane Biology</i> , 2020, 253, 375-379.	1.0	3
21	Model-free quantification and visualization of colocalization in fluorescence images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 504-516.	1.1	1