

Roberto Villaseñor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2511509/publications.pdf>

Version: 2024-02-01

15
papers

1,093
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

2067
citing authors

#	ARTICLE	IF	CITATIONS
1	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. <i>Nature Neuroscience</i> , 2021, 24, 1522-1533.	14.8	164
2	Signal processing by the endosomal system. <i>Current Opinion in Cell Biology</i> , 2016, 39, 53-60.	5.4	154
3	Intracellular transport and regulation of transcytosis across the blood-brain barrier. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1081-1092.	5.4	141
4	Regulation of EGFR signal transduction by analogue-to-digital conversion in endosomes. <i>ELife</i> , 2015, 4, .	6.0	93
5	The mitogen-activated protein kinase p38 is involved in insect defense against Cry toxins from <i>Bacillus thuringiensis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2010, 40, 58-63.	2.7	90
6	Region-specific permeability of the blood-brain barrier upon pericyte loss. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3683-3694.	4.3	83
7	Cellular Uptake Mechanisms and Endosomal Trafficking of Supercharged Proteins. <i>Chemistry and Biology</i> , 2012, 19, 831-843.	6.0	80
8	Sorting Tubules Regulate Blood-Brain Barrier Transcytosis. <i>Cell Reports</i> , 2017, 21, 3256-3270.	6.4	73
9	Trafficking of Endogenous Immunoglobulins by Endothelial Cells at the Blood-Brain Barrier. <i>Scientific Reports</i> , 2016, 6, 25658.	3.3	70
10	A General Theoretical Framework to Infer Endosomal Network Dynamics from Quantitative Image Analysis. <i>Current Biology</i> , 2012, 22, 1381-1390.	3.9	69
11	Are Biotransformation Studies of Therapeutic Proteins Needed? Scientific Considerations and Technical Challenges. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1443-1456.	3.3	30
12	Investigating receptor-mediated antibody transcytosis using blood-brain barrier organoid arrays. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 43.	5.0	27
13	Microphysiological Neurovascular Barriers to Model the Inner Retinal Microvasculature. <i>Journal of Personalized Medicine</i> , 2022, 12, 148.	2.5	8
14	High-resolution Confocal Imaging of the Blood-brain Barrier: Imaging, 3D Reconstruction, and Quantification of Transcytosis. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	6
15	High Throughput Blood-brain Barrier Organoid Generation and Assessment of Receptor-Mediated Antibody Transcytosis. <i>Bio-protocol</i> , 2022, 12, .	0.4	4