

Devaraj K Basavarajappa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7658493/publications.pdf>

Version: 2024-02-01

17
papers

2,706
citations

933264

10
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

4155
citing authors

#	ARTICLE	IF	CITATIONS
1	Inactivation of the ferroptosis regulator Gpx4 triggers acute renal failure in mice. <i>Nature Cell Biology</i> , 2014, 16, 1180-1191.	4.6	2,241
2	P2X7 Receptor Regulates Internalization of Antimicrobial Peptide LL-37 by Human Macrophages That Promotes Intracellular Pathogen Clearance. <i>Journal of Immunology</i> , 2015, 195, 1191-1201.	0.4	78
3	Retinal changes in Alzheimer's disease—integrated prospects of imaging, functional and molecular advances. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100899.	7.3	71
4	Lipoxin and resolvin biosynthesis is dependent on 5-lipoxygenase activating protein. <i>FASEB Journal</i> , 2015, 29, 5029-5043.	0.2	70
5	Roles of coactosin-like protein (CLP) and 5-lipoxygenase-activating protein (FLAP) in cellular leukotriene biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11371-11376.	3.3	40
6	Phosphorylated Grb14 Is an Endogenous Inhibitor of Retinal Protein Tyrosine Phosphatase 1B, and Light-Dependent Activation of Src Phosphorylates Grb14. <i>Molecular and Cellular Biology</i> , 2011, 31, 3975-3987.	1.1	33
7	Evolving geographic diversity in SARS-CoV2 and in silico analysis of replicating enzyme 3CLpro targeting repurposed drug candidates. <i>Journal of Translational Medicine</i> , 2020, 18, 278.	1.8	29
8	Mitochondrial dysfunction in Alzheimer's disease - a proteomics perspective. <i>Expert Review of Proteomics</i> , 2021, 18, 295-304.	1.3	27
9	Retinoid X Receptor: Cellular and Biochemical Roles of Nuclear Receptor with a Focus on Neuropathological Involvement. <i>Molecular Neurobiology</i> , 2022, 59, 2027-2050.	1.9	27
10	Tandem Benzophenone Amino Pyridines, Potent and Selective Inhibitors of Human Leukotriene C ₄ Synthase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 355, 108-116.	1.3	19
11	Trans-synaptic degeneration in the visual pathway: Neural connectivity, pathophysiology, and clinical implications in neurodegenerative disorders. <i>Survey of Ophthalmology</i> , 2022, 67, 411-426.	1.7	13
12	Identification of Novel Cathepsin B Inhibitors with Implications in Alzheimer's Disease: Computational Refining and Biochemical Evaluation. <i>Cells</i> , 2021, 10, 1946.	1.8	13
13	Neuroserpin, a crucial regulator for axogenesis, synaptic modelling and cell-cell interactions in the pathophysiology of neurological disease. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 172.	2.4	11
14	Spatial and temporal aspects and the interplay of Grb14 and protein tyrosine phosphatase-1B on the insulin receptor phosphorylation. <i>Cell Communication and Signaling</i> , 2013, 11, 96.	2.7	10
15	Dicer up-regulation by inhibition of specific proteolysis in differentiating monocytic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8573-8583.	3.3	10
16	Modulation of microRNA processing by 5-lipoxygenase. <i>FASEB Journal</i> , 2021, 35, e21193.	0.2	8
17	Protein Tyrosine Phosphatase 1B: A Novel Molecular Target for Retinal Degenerative Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2012, 723, 829-834.	0.8	4