Devaraj K Basavarajappa

List of Publications by Year
in descending order

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	Trans-synaptic degeneration in the visual pathway: Neural connectivity, pathophysiology, and clinical implications in neurodegenerative disorders. Survey of Ophthalmology, 2022, 67, 411-426.	1.7	13
2	Retinoid X Receptor: Cellular and Biochemical Roles of Nuclear Receptor with a Focus on Neuropathological Involvement. Molecular Neurobiology, 2022, 59, 2027-2050.	1.9	27
3	Neuroserpin, a crucial regulator for axogenesis, synaptic modelling and cellâ€“cell interactions in the pathophysiology of neurological disease. Cellular and Molecular Life Sciences, 2022, 79, 172.	2.4	11
4	Retinal changes in Alzheimer's diseaseâ€" integrated prospects of imaging, functional and molecular advances. Progress in Retinal and Eye Research, 2021, 82, 100899.	7.3	71
5	Mitochondrial dysfunction in Alzheimerâ€™s disease - a proteomics perspective. Expert Review of Proteomics, 2021, 18, 295-304.	1.3	27
6	Identification of Novel Cathepsin B Inhibitors with Implications in Alzheimerâ€™s Disease: Computational Refining and Biochemical Evaluation. Cells, 2021, 10, 1946.	1.8	13
7	Modulation of microRNA processing by 5â€lipoxygenase. FASEB Journal, 2021, 35, e21193.	0.2	8
8	Evolving geographic diversity in SARS-CoV2 and in silico analysis of replicating enzyme 3CLpro targeting repurposed drug candidates. Journal of Translational Medicine, 2020, 18, 278.	1.8	29
9	Dicer up-regulation by inhibition of specific proteolysis in differentiating monocytic cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8573-8583.	3.3	10
10	Lipoxin and resolvin biosynthesis is dependent on 5â€lipoxygenase activating protein. FASEB Journal, 2015, 29, 5029-5043.	0.2	70
11	Tandem Benzophenone Amino Pyridines, Potent and Selective Inhibitors of Human Leukotriene C₄ Synthase. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 108-116.	1.3	19
12	P2X7 Receptor Regulates Internalization of Antimicrobial Peptide LL-37 by Human Macrophages That Promotes Intracellular Pathogen Clearance. Journal of Immunology, 2015, 195, 1191-1201.	0.4	78
13	Roles of coactosin-like protein (CLP) and 5-lipoxygenase-activating protein (FLAP) in cellular leukotriene biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11371-11376.	3.3	40
14	Inactivation of the ferroptosis regulator Gpx4 triggers acute renal failure in mice. Nature Cell Biology, 2014, 16, 1180-1191.	4.6	2,241
15	Spatial and temporal aspects and the interplay of Grb14 and protein tyrosine phosphatase-1B on the insulin receptor phosphorylation. Cell Communication and Signaling, 2013, 11, 96.	2.7	10
16	Protein Tyrosine Phosphatase 1B: A Novel Molecular Target for Retinal Degenerative Diseases. Advances in Experimental Medicine and Biology, 2012, 723, 829-834.	0.8	4
17	Phosphorylated Grb14 Is an Endogenous Inhibitor of Retinal Protein Tyrosine Phosphatase 1B, and Light-Dependent Activation of Src Phosphorylates Grb14. Molecular and Cellular Biology, 2011, 31, 3975-3987.	1.1	33