

Ravi C R Kalathur

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,185
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Bestrophin 1 and retinal disease. <i>Progress in Retinal and Eye Research</i> , 2017, 58, 45-69.	15.5	174
2	L-Arginine increases the solubility of unfolded species of hen egg white lysozyme. <i>Protein Science</i> , 2005, 14, 929-935.	7.6	167
3	Structure and activity of tryptophan-rich TSPO proteins. <i>Science</i> , 2015, 347, 551-555.	12.6	149
4	Allosteric Activation of E2-RING Finger-Mediated Ubiquitylation by a Structurally Defined Specific E2-Binding Region of gp78. <i>Molecular Cell</i> , 2009, 34, 674-685.	9.7	144
5	Structure and selectivity in bestrophin ion channels. <i>Science</i> , 2014, 346, 355-359.	12.6	133
6	CD1b tetramers bind α T cell receptors to identify a mycobacterial glycolipid-reactive T cell repertoire in humans. <i>Journal of Experimental Medicine</i> , 2011, 208, 1741-1747.	8.5	132
7	Cutting Edge: CD1a Tetramers and Dextramers Identify Human Lipopeptide-Specific T Cells Ex Vivo. <i>Journal of Immunology</i> , 2013, 191, 4499-4503.	0.8	70
8	Immobilization of pigeonpea (<i>Cajanus cajan</i>) urease on DEAE-cellulose paper strips for urea estimation. <i>Biotechnology and Applied Biochemistry</i> , 2004, 39, 323-327.	3.1	49
9	Synthesis, mechanistic studies, and anti-proliferative activity of glutathione/glutathione S-transferase-activated nitric oxide prodrugs. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 9764-9771.	3.0	46
10	Direct Activation of Human MLKL by a Select Repertoire of Inositol Phosphate Metabolites. <i>Cell Chemical Biology</i> , 2019, 26, 863-877.e7.	5.2	38
11	Improved stability of urease upon coupling to alkylamine and arylamine glass and its analytical use. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 38, 104-112.	1.8	37
12	Immobilization of Urease from Pigeonpea (<i>Cajanus cajan</i>) on Agar Tablets and Its Application in Urea Assay. <i>Applied Biochemistry and Biotechnology</i> , 2007, 142, 291-297.	2.9	28
13	Fabrication of a Potentiometric/Amperometric Bifunctional Enzyme Microbiosensor. <i>Analytical Chemistry</i> , 2005, 77, 5063-5067.	6.5	15
14	High-Throughput Baculovirus Expression System for Membrane Protein Production. <i>Methods in Molecular Biology</i> , 2016, 1432, 187-202.	0.9	3
15	Structure and Selectivity in Bestrophin Ion Channels. <i>Biophysical Journal</i> , 2015, 108, 366a.	0.5	0