

Ravi C Kalathur

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,366
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

2050
citing authors

#	ARTICLE	IF	CITATIONS
1	AIM2 forms a complex with pyrin and ZBP1 to drive PANoptosis and host defence. <i>Nature</i> , 2021, 597, 415-419.	27.8	221
2	Bestrophin 1 and retinal disease. <i>Progress in Retinal and Eye Research</i> , 2017, 58, 45-69.	15.5	174
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 $\hat{1}\hat{1}^2$ 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	Galactosaminogalactan activates the inflammasome to provide host protection. <i>Nature</i> , 2020, 588, 688-692.	27.8	78
8	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
9	Structural insights into the regulation of human serine palmitoyltransferase complexes. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 240-248.	8.2	65
10	Structure of the G119S Mutant Acetylcholinesterase of the Malaria Vector <i>Anopheles gambiae</i> Reveals Basis of Insecticide Resistance. <i>Structure</i> , 2018, 26, 130-136.e2.	3.3	44
11	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
12	The chemotherapeutic CX-5461 primarily targets TOP2B and exhibits selective activity in high-risk neuroblastoma. <i>Nature Communications</i> , 2021, 12, 6468.	12.8	35
13	Immobilization of Urease from <i>Pigeonpea (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
14	Polymeric fluorescent heparin as one-step FRET substrate of human heparanase. <i>Carbohydrate Polymers</i> , 2019, 205, 385-391.	10.2	21
15	Structure-based design of anticancer prodrug PABA/NO. <i>Drug Design, Development and Therapy</i> , 2008, 2, 123.	4.3	16
16	CCL22 mutations drive natural killer cell lymphoproliferative disease by deregulating microenvironmental crosstalk. <i>Nature Genetics</i> , 2022, 54, 637-648.	21.4	13
17	High-Throughput Baculovirus Expression System for Membrane Protein Production. <i>Methods in Molecular Biology</i> , 2016, 1432, 187-202.	0.9	3
18	Biophysical and functional study of CRL5Ozz, a muscle specific ubiquitin ligase complex. <i>Scientific Reports</i> , 2022, 12, 7820.	3.3	2

#	ARTICLE	IF	CITATIONS
19	Structural insights into the regulation of human serine palmitoyltransferase complexes. FASEB Journal, 2021, 35, .	0.5	0