

Harikishore Amaravadhi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

268
citations

11
h-index

15
g-index

28
ext. papers

345
ext. citations

5
avg, IF

3.11
L-index

#	Paper	IF	Citations
23	Targeting Mycobacterial F-ATP Synthase C-Terminal ϵ Subunit Interaction Motif on Rotary Subunit δ . <i>Antibiotics</i> , 2021 , 10,	4.9	2
22	Targeting C-terminal Helical bundle of NCOVID19 Envelope (E) protein. <i>International Journal of Biological Macromolecules</i> , 2021 , 175, 131-139	7.9	3
21	A systematic assessment of mycobacterial F -ATPase subunit ϵ role in latent ATPase hydrolysis. <i>FEBS Journal</i> , 2021 , 288, 818-836	5.7	6
20	Targeting the menaquinol binding loop of mycobacterial cytochrome bd oxidase. <i>Molecular Diversity</i> , 2021 , 25, 517-524	3.1	7
19	Antiviral activity against Middle East Respiratory Syndrome coronavirus by Montelukast, an anti-asthma drug. <i>Antiviral Research</i> , 2021 , 185, 104996	10.8	2
18	Deciphering the Role of Ion Channels in Early Defense Signaling against Herbivorous Insects. <i>Cells</i> , 2021 , 10,	7.9	1
17	Discovery of a Novel Mycobacterial F-ATP Synthase Inhibitor and its Potency in Combination with Diarylquinolines. <i>Angewandte Chemie</i> , 2020 , 132, 13397-13406	3.6	3
16	Discovery of a Novel Mycobacterial F-ATP Synthase Inhibitor and its Potency in Combination with Diarylquinolines. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13295-13304	16.4	15
15	Disrupting coupling within mycobacterial F-ATP synthases subunit ϵ causes dysregulated energy production and cell wall biosynthesis. <i>Scientific Reports</i> , 2019 , 9, 16759	4.9	22
14	Combination of pharmacophore hypothesis and molecular docking to identify novel inhibitors of HCV NS5B polymerase. <i>Molecular Diversity</i> , 2015 , 19, 529-39	3.1	3
13	Ursolic acid exerts anti-cancer activity by suppressing vaccinia-related kinase 1-mediated damage repair in lung cancer cells. <i>Scientific Reports</i> , 2015 , 5, 14570	4.9	24
12	Immunophilins: Structures, Mechanisms and Ligands. <i>Current Molecular Pharmacology</i> , 2015 , 9, 37-47	3.7	25
11	Luteolin suppresses cancer cell proliferation by targeting vaccinia-related kinase 1. <i>PLoS ONE</i> , 2014 , 9, e109655	3.7	29
10	Crystal structure of Plasmodium vivax FK506-binding protein 25 reveals conformational changes responsible for its noncanonical activity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014 , 82, 1235-44	4.2	5
9	Suprafenacine, an indazole-hydrazide agent, targets cancer cells through microtubule destabilization. <i>PLoS ONE</i> , 2014 , 9, e110955	3.7	8
8	Revisiting de novo drug design: receptor based pharmacophore screening. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 1890-8	3	14
7	Lipoxygenase Inhibitory Effects of Dibenzylbutane Lignans from the Seeds of Myristica fragrans (Nutmeg). <i>Bulletin of the Korean Chemical Society</i> , 2014 , 35, 3095-3098	1.2	1

6	Adamantyl derivative as a potent inhibitor of Plasmodium FK506 binding protein 35. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 1097-101	4.3	13
5	The flavonoid myricetin reduces nocturnal melatonin levels in the blood through the inhibition of serotonin N-acetyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 312-6	3.4	13
4	NMR solution structure of C2 domain of MFG-E8 and insights into its molecular recognition with phosphatidylserine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 1083-93	3.8	18
3	Small molecule Plasmodium FKBP35 inhibitor as a potential antimalaria agent. <i>Scientific Reports</i> , 2013 , 3, 2501	4.9	21
2	Solution structure of FK506-binding protein 12 from <i>Aedes aegypti</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2012 , 80, 2476-81	4.2	5
1	Crystallographic structure of the tetratricopeptide repeat domain of Plasmodium falciparum FKBP35 and its molecular interaction with Hsp90 C-terminal pentapeptide. <i>Protein Science</i> , 2009 , 18, 2115-24	6.3	25