

Avanthika Venkatachalam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11685606/publications.pdf>

Version: 2024-02-01

7
papers

375
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	The gut microbiome switches mutant p53 from tumour-suppressive to oncogenic. <i>Nature</i> , 2020, 586, 133-138.	27.8	216
2	Atypical profiles and modulations of heme-enzymes catalyzed outcomes by low amounts of diverse additives suggest diffusible radicals' obligatory involvement in such redox reactions. <i>Biochimie</i> , 2016, 125, 91-111.	2.6	40
3	Functioning of Microsomal Cytochrome P450s: Murburn Concept Explains the Metabolism of Xenobiotics in Hepatocytes. <i>Frontiers in Pharmacology</i> , 2016, 7, 161.	3.5	31
4	Cyanide does more to inhibit heme enzymes, than merely serving as an active-site ligand. <i>Biochemical and Biophysical Research Communications</i> , 2014, 455, 190-193.	2.1	30
5	Electron transfer amongst flavo- and hemo-proteins: diffusible species effect the relay processes, not protein-protein binding. <i>RSC Advances</i> , 2016, 6, 24121-24129.	3.6	29
6	Functioning of drug-metabolizing microsomal cytochrome P450s: In silico probing of proteins suggests that the distal heme active site pocket plays a relatively passive role in some enzyme-substrate interactions. <i>In Silico Pharmacology</i> , 2016, 4, 2.	3.3	24
7	Putative homeostatic role of cancer driver mutations. <i>Trends in Cell Biology</i> , 2022, 32, 8-17.	7.9	5