

# 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

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1720034

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g-index

7  
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docs citations

7  
times ranked

323  
citing authors

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