

Subrahmanyam Vs Vangala

List of Publications by Year
in descending order

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Version: 2024-02-01

24
papers

1,285
citations

430874

18
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzene and its phenolic metabolites produce oxidative DNA damage in HL60 cells in vitro and in the bone marrow in vivo. <i>Cancer Research</i> , 1993, 53, 1023-6.	0.9	170
2	Identification of cytochrome P-450 isoforms responsible for cis-tramadol metabolism in human liver microsomes. <i>Drug Metabolism and Disposition</i> , 2001, 29, 1146-55.	3.3	141
3	Potential role of free radicals in benzene-induced myelotoxicity and leukemia. <i>Free Radical Biology and Medicine</i> , 1991, 11, 495-515.	2.9	125
4	Synergistic interactions among flavonoids and acetogenins in Graviola (<i>Annona muricata</i>) leaves confer protection against prostate cancer. <i>Carcinogenesis</i> , 2015, 36, 656-665.	2.8	114
5	Effects of phosphodiesterase 3,4,5 inhibitors on hepatocyte cAMP levels, glycogenolysis, gluconeogenesis and susceptibility to a mitochondrial toxin. <i>Molecular and Cellular Biochemistry</i> , 2003, 252, 205-211.	3.1	80
6	Oxidation of catechol by horseradish peroxidase and human leukocyte peroxidase: Reactions of o-benzoquinone and o-benzosemiquinone*1. <i>Toxicology and Applied Pharmacology</i> , 1988, 93, 62-71.	2.8	72
7	Metabolism of hydroquinone by human myeloperoxidase: Mechanisms of stimulation by other phenolic compounds. <i>Archives of Biochemistry and Biophysics</i> , 1991, 286, 76-84.	3.0	70
8	PhRMA White Paper on ADME Pharmacogenomics. <i>Journal of Clinical Pharmacology</i> , 2008, 48, 849-889.	2.0	62
9	Bone marrow stromal cell bioactivation and detoxification of the benzene metabolite hydroquinone: comparison of macrophages and fibroblastoid cells. <i>Molecular Pharmacology</i> , 1990, 37, 255-62.	2.3	61
10	Phenol-induced stimulation of hydroquinone bioactivation in mouse bone marrow in vivo: possible implications in benzene myelotoxicity. <i>Toxicology</i> , 1990, 62, 107-116.	4.2	56
11	Enterohepatic recirculation of bioactive ginger phytochemicals is associated with enhanced tumor growth-inhibitory activity of ginger extract. <i>Carcinogenesis</i> , 2014, 35, 1320-1329.	2.8	45
12	Peroxidase catalysed oxygen activation by arylamine carcinogens and phenol. <i>Chemico-Biological Interactions</i> , 1985, 56, 185-199.	4.0	39
13	Biomarkers, metabonomics, and drug development: Can inborn errors of metabolism help in understanding drug toxicity?. <i>AAPS Journal</i> , 2007, 9, E284-E297.	4.4	39
14	Bioactivation of catechol in rat and human bone marrow cells. <i>Toxicology and Applied Pharmacology</i> , 1988, 94, 297-304.	2.8	38
15	Modulation of Cytochrome P450 Metabolism and Transport across Intestinal Epithelial Barrier by Ginger Biophenolics. <i>PLoS ONE</i> , 2014, 9, e108386.	2.5	38
16	Phenol oxidation product(s), formed by a peroxidase reaction, that bind to DNA. <i>Xenobiotica</i> , 1985, 15, 873-885.	1.1	34
17	Hydroxylation of Phenol to Hydroquinone Catalyzed by A Human Myeloperoxidase-Superoxide Complex: Possible Implications In Benzene-Induced Myelotoxicity. <i>Free Radical Research Communications</i> , 1991, 15, 285-296.	1.8	32
18	Pharmacokinetic-pharmacodynamic correlations in the development of ginger extract as an anticancer agent. <i>Scientific Reports</i> , 2018, 8, 3056.	3.3	26

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19	In-vitro metabolism, CYP profiling and metabolite identification of E- and Z- guggulsterone, a potent hypolipidmic agent. Journal of Pharmaceutical and Biomedical Analysis, 2018, 160, 202-211.	2.8	14
20	Noscapine recirculates enterohepatically and induces self-clearance. European Journal of Pharmaceutical Sciences, 2015, 77, 90-99.	4.0	9
21	Split calibration curve: an approach to avoid repeat analysis of the samples exceeding ULOQ. Bioanalysis, 2012, 4, 2375-2389.	1.5	5
22	Advances in Animal Models and Cutting-Edge Research in Alternatives: Proceedings of the Second International Conference on 3Rs Research and Progress, Hyderabad, 2021. ATLA Alternatives To Laboratory Animals, 2022, , 026119292210892.	1.0	4
23	Toxicologic pathology of the reproductive system. , 2011, , 1003-1026.		3
24	Endogenous Toxins as Disease Initiating Events: Future Targets of Drug Discovery Research. Journal of Analytical & Pharmaceutical Research, 2016, 2, .	1.0	1