

Varsha G Desai

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,152
citations

361045

20
h-index

414034

32
g-index

35
all docs

35
docs citations

35
times ranked

2153
citing authors

#	ARTICLE	IF	CITATIONS
1	Transgenic expression of proximal tubule peroxisome proliferator-activated receptor- α in mice confers protection during acute kidney injury. <i>Kidney International</i> , 2009, 76, 1049-1062.	2.6	115
2	MPP ⁺ -induced neurotoxicity in mouse is age-dependent: evidenced by the selective inhibition of complexes of electron transport. <i>Brain Research</i> , 1996, 715, 1-8.	1.1	95
3	Underlying mitochondrial dysfunction triggers flutamide-induced oxidative liver injury in a mouse model of idiosyncratic drug toxicity. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 150-159.	1.3	90
4	Development of doxorubicin-induced chronic cardiotoxicity in the B6C3F1 mouse model. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 109-121.	1.3	88
5	Early biomarkers of doxorubicin-induced heart injury in a mouse model. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 221-229.	1.3	82
6	Age and sex differences in kidney microRNA expression during the life span of F344 rats. <i>Biology of Sex Differences</i> , 2015, 6, 1.	1.8	66
7	Age and sex dependent changes in liver gene expression during the life cycle of the rat. <i>BMC Genomics</i> , 2010, 11, 675.	1.2	63
8	Sexual Dimorphism in the Expression of Mitochondria-Related Genes in Rat Heart at Different Ages. <i>PLoS ONE</i> , 2015, 10, e0117047.	1.1	56
9	Effect of (+)-usnic acid on mitochondrial functions as measured by mitochondria-specific oligonucleotide microarray in liver of B6C3F1 mice. <i>Mitochondrion</i> , 2009, 9, 149-158.	1.6	53
10	Sex differences in kidney gene expression during the life cycle of F344 rats. <i>Biology of Sex Differences</i> , 2013, 4, 14.	1.8	48
11	Changes in expression level of genes as a function of time of day in the liver of rats. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 549, 115-129.	0.4	42
12	Early metabolomics changes in heart and plasma during chronic doxorubicin treatment in B6C3F1 mice. <i>Journal of Applied Toxicology</i> , 2016, 36, 1486-1495.	1.4	37
13	Sex-related differential susceptibility to doxorubicin-induced cardiotoxicity in B6C3F1 mice. <i>Toxicology and Applied Pharmacology</i> , 2016, 310, 159-174.	1.3	33
14	Early transcriptional changes in cardiac mitochondria during chronic doxorubicin exposure and mitigation by dexrazoxane in mice. <i>Toxicology and Applied Pharmacology</i> , 2016, 295, 68-84.	1.3	33
15	Nucleoside reverse transcriptase inhibitors (NRTIs)-induced expression profile of mitochondria-related genes in the mouse liver. <i>Mitochondrion</i> , 2008, 8, 181-195.	1.6	31
16	Sex and age differences in the expression of liver microRNAs during the life span of F344 rats. <i>Biology of Sex Differences</i> , 2017, 8, 6.	1.8	27
17	Activity Profile of Glutathione-Dependent Enzymes and Respiratory Chain Complexes in Rats Supplemented with Antioxidants and Treated with Carcinogens. <i>Archives of Biochemistry and Biophysics</i> , 2001, 394, 255-264.	1.4	24
18	Development of mitochondria-specific mouse oligonucleotide microarray and validation of data by real-time PCR. <i>Mitochondrion</i> , 2007, 7, 322-329.	1.6	24

#	ARTICLE	IF	CITATIONS
19	Expression Analysis of Hepatic Mitochondria-Related Genes in Mice Exposed to Acrylamide and Glycidamide. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 324-339.	1.1	23
20	Reproductive hormone levels and differential mitochondria-related oxidative gene expression as potential mechanisms for gender differences in cardiosensitivity to Doxorubicin in tumor-bearing spontaneously hypertensive rats. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 76, 447-459.	1.1	22
21	Effect of short-term exposure to zidovudine (AZT) on the expression of mitochondria-related genes in skeletal muscle of neonatal mice. <i>Mitochondrion</i> , 2009, 9, 9-16.	1.6	19
22	In Vitro Modulation of Redox and Metabolism Interplay at the Brain Vascular Endothelium: Genomic and Proteomic Profiles of Sulforaphane Activity. <i>Scientific Reports</i> , 2018, 8, 12708.	1.6	17
23	Candidate early predictive plasma protein markers of doxorubicin-induced chronic cardiotoxicity in B6C3F1 mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 164-173.	1.3	15
24	Testing for treatment effects on gene ontology. <i>BMC Bioinformatics</i> , 2008, 9, S20.	1.2	14
25	Transcriptional profiling for understanding the basis of mitochondrial involvement in disease and toxicity using the mitochondria-specific MitoChip. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 616, 210-212.	0.4	8
26	Evaluation of Hepatic Mitochondria and Hematological Parameters in Zidovudine-Treated B6C3F1 Mice. <i>AIDS Research and Treatment</i> , 2012, 2012, 1-8.		
27	Transcript profiling in the testes and prostates of postnatal day 30 Sprague-Dawley rats exposed prenatally and lactationally to 2-hydroxy-4-methoxybenzophenone. <i>Reproductive Toxicology</i> , 2018, 82, 111-123.	1.3	7
28	Doxorubicin-induced delayed-onset subclinical cardiotoxicity in mice. <i>Journal of Applied Toxicology</i> , 2021, , .	1.4	6
29	MicroRNA-34a as a promising early circulating preclinical biomarker of doxorubicin-induced chronic cardiotoxicity. <i>Journal of Applied Toxicology</i> , 2022, 42, 1477-1490.	1.4	4
30	Designing Toxicogenomics Studies that use DNA Array Technology. <i>Bioinformatics and Biology Insights</i> , 2008, 2, 117793220800200.	1.0	1
31	Designing toxicogenomics studies that use DNA array technology. <i>Bioinformatics and Biology Insights</i> , 2008, 2, 317-28.	1.0	1
32	Doxorubicin Cardiotoxicity: Preclinical and Clinical Circulating Protein Markers. <i>Biomarkers in Disease</i> , 2022, , 1-27.	0.0	1
33	Rebuttal to the comments by Dr. Yan Xu on the article "Transcript profiling in the testes and prostates of postnatal day 30 Sprague-Dawley rats exposed prenatally and lactationally to 2-hydroxy-4-methoxybenzophenone". <i>Reproductive Toxicology</i> , 2020, 94, 102.	1.3	0