

Debapratim Kar Chowdhuri

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,279
citations

394421

19
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1297
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metal associated health hazards: An interplay of oxidative stress and signal transduction. <i>Chemosphere</i> , 2021, 262, 128350.	8.2	291
2	Heat shock response:hsp70 in environmental monitoring. <i>Journal of Biochemical and Molecular Toxicology</i> , 2003, 17, 249-254.	3.0	139
3	Induction of hsp70, hsp60, hsp83 and hsp26 and oxidative stress markers in benzene, toluene and xylene exposed <i>Drosophila melanogaster</i> : Role of ROS generation. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 226-243.	2.8	127
4	Heat Shock Protein-70 (Hsp-70) Suppresses Paraquat-Induced Neurodegeneration by Inhibiting JNK and Caspase-3 Activation in <i>Drosophila</i> Model of Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e98886.	2.5	69
5	Induction of hsp70, alterations in oxidative stress markers and apoptosis against dichlorvos exposure in transgenic <i>Drosophila melanogaster</i> : Modulation by reactive oxygen species. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 1382-1394.	2.4	62
6	Induction of hsp70 in transgenic <i>Drosophila</i> : biomarker of exposure against phthalimide group of chemicals. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1621, 218-225.	2.4	61
7	Hazardous effects of effluent from the chrome plating industry: 70 kDa heat shock protein expression as a marker of cellular damage in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ).. <i>Environmental Health Perspectives</i> , 2003, 111, 1926-1932.	6.0	53
8	Genotoxicity and apoptosis in <i>Drosophila melanogaster</i> exposed to benzene, toluene and xylene: Attenuation by quercetin and curcumin. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 14-30.	2.8	52
9	Hazardous effect of organophosphate compound, dichlorvos in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ): Induction of hsp70, anti-oxidant enzymes and inhibition of acetylcholinesterase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1725, 81-92.	2.4	51
10	Metabolomic Analysis Provides Insights on Paraquat-Induced Parkinson-Like Symptoms in <i>Drosophila melanogaster</i> . <i>Molecular Neurobiology</i> , 2016, 53, 254-269.	4.0	48
11	Evaluation of toxic potential of captan: Induction of hsp70 and tissue damage in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ) Bg9. <i>Journal of Biochemical and Molecular Toxicology</i> , 2003, 17, 98-107.	3.0	40
12	Environmental chemical mediated male reproductive toxicity: <i>Drosophila melanogaster</i> as an alternate animal model. <i>Theriogenology</i> , 2011, 76, 197-216.	2.1	38
13	Toxic potential of municipal solid waste leachates in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ): hsp70 as a marker of cellular damage. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 233-245.	6.0	37
14	A mutation in <i>Drosophila methuselah</i> resists paraquat induced Parkinson-like phenotypes. <i>Neurobiology of Aging</i> , 2014, 35, 2419.e1-2419.e16.	3.1	37
15	miRNA profiling provides insights on adverse effects of Cr(VI) in the midgut tissues of <i>Drosophila melanogaster</i> . <i>Journal of Hazardous Materials</i> , 2015, 283, 558-567.	12.4	31
16	Comparative toxic potential of market formulation of two organophosphate pesticides in transgenic <i>Drosophila melanogaster</i> (hsp70-lacZ). <i>Cell Biology and Toxicology</i> , 2005, 21, 149-162.	5.3	27
17	DNA damage induced by industrial solid waste leachates in <i>Drosophila melanogaster</i> : A mechanistic approach. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 206-216.	2.2	23
18	Argemone oil induced cellular damage in the reproductive tissues of transgenic <i>Drosophila melanogaster</i> : Protective role of 70 kDa heat shock protein. <i>Journal of Biochemical and Molecular Toxicology</i> , 2003, 17, 223-234.	3.0	22

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19	Long-term dietary exposure to low concentration of dichloroacetic acid promoted longevity and attenuated cellular and functional declines in aged <i>Drosophila melanogaster</i> . <i>Age</i> , 2014, 36, 9628.	3.0	21
20	Genotoxicity of dichlorvos in strains of <i>Drosophila melanogaster</i> defective in DNA repair. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014, 766, 35-41.	1.7	18
21	Over-Expression of Superoxide Dismutase Ameliorates Cr(VI) Induced Adverse Effects via Modulating Cellular Immune System of <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2014, 9, e88181.	2.5	14
22	Efficacy of methuselah gene mutation toward tolerance of dichlorvos exposure in <i>Drosophila melanogaster</i> . <i>Free Radical Biology and Medicine</i> , 2015, 83, 54-65.	2.9	13
23	Cr(VI)-induced DNA damage is lessened by the modulation of hsp70 via increased GSH de novo synthesis in <i>Drosophila melanogaster</i> . <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22819.	3.0	4