

Sandip Mukherjee

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

581
citations

686830

13
h-index

642321

23
g-index

35
all docs

35
docs citations

35
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic effect of folic acid and vitamin B12 in ameliorating arsenic-induced oxidative damage in pancreatic tissue of rat. <i>Journal of Nutritional Biochemistry</i> , 2006, 17, 319-327.	1.9	58
2	Worldwide flavor enhancer monosodium glutamate combined with high lipid diet provokes metabolic alterations and systemic anomalies: An overview. <i>Toxicology Reports</i> , 2021, 8, 938-961.	1.6	50
3	Folic acid or combination of folic acid and vitamin B ₁₂ prevents short-term arsenic trioxide-induced systemic and mitochondrial dysfunction and DNA damage. <i>Environmental Toxicology</i> , 2009, 24, 377-387.	2.1	42
4	Antiapoptotic efficacy of folic acid and vitamin B ₁₂ against arsenic-induced toxicity. <i>Environmental Toxicology</i> , 2012, 27, 351-363.	2.1	42
5	Phytoestrogenic effects of black tea extract (<i>Camellia sinensis</i>) in an oophorectomized rat (<i>Rattus</i>). <i>Tj ETQq1 1 0.784314 rgBJ1/Overl</i>	2.0	41
6	Synergistic protective effect of folic acid and vitamin B ₁₂ against nicotine-induced oxidative stress and apoptosis in pancreatic islets of the rat. <i>Pharmaceutical Biology</i> , 2016, 54, 433-444.	1.3	29
7	Mechanistic study of attenuation of monosodium glutamate mixed high lipid diet induced systemic damage in rats by <i>Coccinia grandis</i> . <i>Scientific Reports</i> , 2020, 10, 15443.	1.6	29
8	Role of oil extract of garlic (<i>Allium sativum</i> Linn.) on intestinal transference of calcium and its possible correlation with preservation of skeletal health in an ovariectomized rat model of osteoporosis. <i>Phytotherapy Research</i> , 2006, 20, 408-415.	2.8	28
9	Efficacy of <i>Coccinia grandis</i> against monosodium glutamate induced hepato-cardiac anomalies by inhibiting NF- κ B and caspase 3 mediated signalling in rat model. <i>Human and Experimental Toxicology</i> , 2021, 40, 1825-1851.	1.1	23
10	Altered composition of high-lipid diet may generate reactive oxygen species by disturbing the balance of antioxidant and free radicals. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 31, .	0.7	22
11	Effect of <i>Alocasia indica</i> Tuber Extract on Reducing Hepatotoxicity and Liver Apoptosis in Alcohol Intoxicated Rats. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	21
12	Black Tea May Be a Prospective Adjunct for Calcium Supplementation to Prevent Early Menopausal Bone Loss in a Rat Model of Osteoporosis. <i>Journal of Osteoporosis</i> , 2013, 2013, 1-10.	0.1	19
13	Targeting mitochondria with folic acid and vitamin B ₁₂ ameliorates nicotine mediated islet cell dysfunction. <i>Environmental Toxicology</i> , 2018, 33, 988-1000.	2.1	18
14	Protective efficacy of <i>Tinospora sinensis</i> against streptozotocin induced pancreatic islet cell injuries of diabetic rats and its correlation to its phytochemical profiles. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112356.	2.0	14
15	Monosodium glutamate causes hepato-cardiac derangement in male rats. <i>Human and Experimental Toxicology</i> , 2021, 40, S359-S369.	1.1	14
16	Dietary food additive monosodium glutamate with or without high-lipid diet induces spleen anomaly: A mechanistic approach on rat model. <i>Open Life Sciences</i> , 2022, 17, 22-31.	0.6	14
17	Inhibition of catalase activity with 3-amino-1,2,4-triazole intensifies bisphenol A (BPA)-induced toxicity in granulosa cells of female albino rats. <i>Toxicology and Industrial Health</i> , 2018, 34, 787-797.	0.6	13
18	Aqueous extract of black tea (<i>Camellia sinensis</i>) prevents ethanol+cholecystokinin-induced pancreatitis in a rat model. <i>Life Sciences</i> , 2006, 78, 2194-2203.	2.0	12

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19	Association between duration of coal dust exposure and respiratory impairment in coal miners of West Bengal, India. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020, 27, 1-11.	1.1	12
20	Molecular dissection of cellular response of pancreatic islet cells to Bisphenol-A (BPA): A comprehensive review. <i>Biochemical Pharmacology</i> , 2022, 201, 115068.	2.0	12
21	Possible involvement of iNOS and TNF- α in nutritional intervention against nicotine-induced pancreatic islet cell damage. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1727-1738.	2.5	11
22	Excess iodine-induced lymphocytic impairment in adult rats. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 110-118.	1.3	9
23	IN VITRO ANTI-DIABETIC AND ANTI-OXIDANT ACTIVITIES OF ETHANOL EXTRACT OF TINOSPORA SINENSIS. <i>International Journal of Current Pharmaceutical Research</i> , 2017, 9, 42.	0.2	7
24	Effect of individual and combined supplementation of phytoene, phytofluene, and lycopene against nicotine-induced pancreatic islet cell dysfunction. <i>Toxicology and Environmental Health Sciences</i> , 2020, 12, 11-22.	1.1	7
25	Manipulation of genes could inhibit SARS-CoV-2 infection that causes COVID-19 pandemics. <i>Experimental Biology and Medicine</i> , 2021, 246, 1643-1649.	1.1	7
26	Radioprotective effect of ethanolic extract of <i>Alocasia indica</i> on β -irradiation-induced reproductive alterations in ovary and uterus. <i>International Journal of Radiation Biology</i> , 2019, 95, 1529-1542.	1.0	6
27	Cold stress modulates redox signalling in murine fresh bone marrow cells and promotes osteoclast transformation. <i>Archives of Physiology and Biochemistry</i> , 2020, 126, 348-355.	1.0	5
28	<i>Coccinia grandis</i> alleviates flavor-enhancing high-lipid diet induced hepatocellular inflammation and apoptosis. <i>Journal of Food Biochemistry</i> , 2022, 46, e14092.	1.2	5
29	Protective efficacy of folic acid and vitamin B12 against nicotine-induced toxicity in pancreatic islets of the rat. <i>Interdisciplinary Toxicology</i> , 2015, 8, 103-111.	1.0	4
30	Combined effect of coal dust exposure and smoking on the prevalence of respiratory impairment among coal miners of West Bengal, India. <i>Archives of Environmental and Occupational Health</i> , 2019, 74, 350-357.	0.7	4
31	COVID 19 could trigger global diabetes burden – A hypothesis. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 963-964.	1.8	2
32	Working postures of tea pluckers and its interrelationship with their plucking efficiency. <i>Occupational Ergonomics</i> , 2007, 6, 143-157.	0.3	1
33	Possible Cytotoxic Activity of <i>Annona muricata</i> Leaves in Huh-7 Human Liver Cancer Cells. <i>Hepatology and Pancreatic Science</i> , 2017, 01, .	0.0	0
34	Dichlorophene activates aryl hydrocarbon receptor (AhR) and indoleamine 2, 3-dioxygenase 1 (IDO1) to mediate splenotoxicity in rat. <i>Drug and Chemical Toxicology</i> , 2021, , 1-8.	1.2	0