

# Sandip Mukherjee

## List of Publications by Citations

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33  
papers

393  
citations

13  
h-index

19  
g-index

35  
ext. papers

486  
ext. citations

3.6  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
33	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> , <b>2006</b> , 17, 319-27	6.3	51
32	Phytoestrogenic effects of black tea extract (Camellia sinensis) in an oophorectomized rat (Rattus norvegicus) model of osteoporosis. <i>Life Sciences</i> , <b>2005</b> , 77, 3049-57	6.8	33
31	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> , <b>2009</b> , 24, 377-87	4.2	31
30	Antiapoptotic efficacy of folic acid and vitamin B12 against arsenic-induced toxicity. <i>Environmental Toxicology</i> , <b>2012</b> , 27, 351-63	4.2	26
29	Mechanistic study of attenuation of monosodium glutamate mixed high lipid diet induced systemic damage in rats by Coccinia grandis. <i>Scientific Reports</i> , <b>2020</b> , 10, 15443	4.9	24
28	Worldwide flavor enhancer monosodium glutamate combined with high lipid diet provokes metabolic alterations and systemic anomalies: An overview. <i>Toxicology Reports</i> , <b>2021</b> , 8, 938-961	4.8	24
27	Role of oil extract of garlic (Allium sativum 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> , <b>2006</b> , 20, 408-15	6.7	23
26	Synergistic protective effect of folic acid and vitamin B12 against nicotine-induced oxidative stress and apoptosis in pancreatic islets of the rat. <i>Pharmaceutical Biology</i> , <b>2016</b> , 54, 433-44	3.8	21
25	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> , <b>2020</b> , 31,	1.6	16
24	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> , <b>2013</b> , 2013, 760586	2.8	14
23	Efficacy of against monosodium glutamate induced hepato-cardiac anomalies by inhibiting NF-kB and caspase 3 mediated signalling in rat model. <i>Human and Experimental Toxicology</i> , <b>2021</b> , 40, 1825-1851	3.4	14
22	Effect of Alocasia indica tuber extract on reducing hepatotoxicity and liver apoptosis in alcohol intoxicated rats. <i>BioMed Research International</i> , <b>2014</b> , 2014, 349074	3	13
21	Targeting mitochondria with folic acid and vitamin B ameliorates nicotine mediated islet cell dysfunction. <i>Environmental Toxicology</i> , <b>2018</b> , 33, 988-1000	4.2	13
20	Possible involvement of iNOS and TNF- $\alpha$ in nutritional intervention against nicotine-induced pancreatic islet cell damage. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 84, 1727-1738	7.5	10
19	Aqueous extract of black tea (Camellia sinensis) prevents ethanol+cholecystokinin-induced pancreatitis in a rat model. <i>Life Sciences</i> , <b>2006</b> , 78, 2194-203	6.8	9
18	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> , <b>2018</b> , 34, 787-797	1.8	9
17	Protective efficacy of Tinospora sinensis against streptozotocin induced pancreatic islet cell injuries of diabetic rats and its correlation to its phytochemical profiles. <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 248, 112356	5	8

16	Monosodium glutamate causes hepato-cardiac derangement in male rats. <i>Human and Experimental Toxicology</i> , <b>2021</b> , 40, S359-S369	3.4	7
15	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> , <b>2021</b> , 27, 794-804	2.1	6
14	Manipulation of genes could inhibit SARS-CoV-2 infection that causes COVID-19 pandemics. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 1643-1649	3.7	6
13	Excess iodine-induced lymphocytic impairment in adult rats. <i>Toxicology Mechanisms and Methods</i> , <b>2019</b> , 29, 110-118	3.6	6
12	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> , <b>2022</b> , 17, 22-31	1.2	5
11	Protective efficacy of folic acid and vitamin B12 against nicotine-induced toxicity in pancreatic islets of the rat. <i>Interdisciplinary Toxicology</i> , <b>2015</b> , 8, 103-11	2.3	4
10	Cold stress modulates redox signalling in murine fresh bone marrow cells and promotes osteoclast transformation. <i>Archives of Physiology and Biochemistry</i> , <b>2020</b> , 126, 348-355	2.2	4
9	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> , <b>2019</b> , 74, 350-357	2	3
8	Radioprotective effect of ethanolic extract of on $\gamma$ irradiation-induced reproductive alterations in ovary and uterus. <i>International Journal of Radiation Biology</i> , <b>2019</b> , 95, 1529-1542	2.9	3
7	Coccinia grandis alleviates flavor-enhancing high-lipid diet induced hepatocellular inflammation and apoptosis.. <i>Journal of Food Biochemistry</i> , <b>2022</b> , e14092	3.3	3
6	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> , <b>2020</b> , 12, 11-22	1.9	2
5	IN VITRO ANTI-DIABETIC AND ANTI-OXIDANT ACTIVITIES OF ETHANOL EXTRACT OF TINOSPORA SINENSIS. <i>International Journal of Current Pharmaceutical Research</i> , <b>2017</b> , 9, 42	0.2	2
4	COVID 19 could trigger global diabetes burden - A hypothesis. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2020</b> , 14, 963-964	8.9	1
3	Working postures of tea pluckers and its interrelationship with their plucking efficiency. <i>Occupational Ergonomics</i> , <b>2007</b> , 6, 143-157		1
2	Molecular dissection of cellular response of pancreatic islet cells to Bisphenol-A (BPA): A comprehensive review.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 201, 115068	6	1
1	Dichlorophene activates aryl hydrocarbon receptor (AhR) and indoleamine 2, 3-dioxygenase 1 (IDO1) to mediate splenotoxicity in rat. <i>Drug and Chemical Toxicology</i> , <b>2021</b> , 1-8	2.3	