Saravanadevi Sivanesan

List of Publications by Year
in descending order

28	730	471509 17	552781 26
papers	citations	h-index	g-index

28	28	28	983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental persistence, hazard, and mitigation challenges of nitroaromatic compounds. Environmental Science and Pollution Research, 2019, 26, 28650-28667.	5.3	93
2	The health burden and economic costs averted by ambient PM 2.5 pollution reductions in Nagpur, India. Environment International, 2017, 102, 145-156.	10.0	48
3	Micro(nano)-plastics in the environment and risk of carcinogenesis: Insight into possible mechanisms. Journal of Hazardous Materials, 2021, 416, 126143.	12.4	42
4	Global DNA methylation profiling of manganese-exposed human neuroblastoma SH-SY5Y cells reveals epigenetic alterations in Parkinsonâ€™s disease-associated genes. Archives of Toxicology, 2017, 91, 2629-2641.	4.2	41
5	Potential Role of Epigenetic Mechanism in Manganese Induced Neurotoxicity. BioMed Research International, 2016, 2016, 1-18.	1.9	40
6	The burden of disease attributable to ambient PM2.5-bound PAHs exposure in Nagpur, India. Chemosphere, 2018, 204, 277-289.	8.2	39
7	Manganese exposure: Linking down-regulation of miRNA-7 and miRNA-433 with Î±-synuclein overexpression and risk of idiopathic Parkinson's disease. Toxicology in Vitro, 2018, 46, 94-101.	2.4	39
8	Role of fluoride induced epigenetic alterations in the development of skeletal fluorosis. Ecotoxicology and Environmental Safety, 2019, 169, 410-417.	6.0	38
9	The gains in life expectancy by ambient PM2.5 pollution reductions in localities in Nigeria. Environmental Pollution, 2018, 236, 146-157.	7.5	36
10	Environmental prevalence, fate, impacts, and mitigation of microplasticsâ€”a critical review on present understanding and future research scope. Environmental Science and Pollution Research, 2021, 28, 4951-4974.	5.3	35
11	Biodegradation and detoxification of chloronitroaromatic pollutant by Cupriavidus. Bioresource Technology, 2017, 223, 184-191.	9.6	33
12	Manganese-Induced Neurotoxicity and Alterations in Gene Expression in Human Neuroblastoma SH-SY5Y Cells. Biological Trace Element Research, 2018, 183, 245-253.	3.5	29
13	Stress response of Pseudomonas species to silver nanoparticles at the molecular level. Environmental Toxicology and Chemistry, 2014, 33, 2126-2132.	4.3	27
14	Oxidative Stress and Genotoxicity of Zinc Oxide Nanoparticles to Pseudomonas Species, Human Promyelocytic Leukemic (HL-60), and Blood Cells. Biological Trace Element Research, 2017, 178, 218-227.	3.5	26
15	Role of fluoride induced histone trimethylation in development of skeletal fluorosis. Environmental Toxicology and Pharmacology, 2018, 57, 159-165.	4.0	22
16	Fluoride-Induced Oxidative and Inflammatory Stress in Osteosarcoma Cells: Does It Affect Bone Development Pathway?. Biological Trace Element Research, 2017, 175, 103-111.	3.5	20
17	Noncoding RNAs: Possible Players in the Development of Fluorosis. BioMed Research International, 2015, 2015, 1-10.	1.9	19
18	Molecular mechanism of apoptosis induction in Jurkat E6-1 cells by Tribulus terrestris alkaloids extract. Journal of Traditional and Complementary Medicine, 2018, 8, 410-419.	2.7	19

#	Article	IF	Citations
19	Influence of seasonal variation on water quality in tropical water distribution system: is the disease burden significant?. Water Research, 2014, 49, 186-196.	11.3	15
20	Optimization and scale up of itaconic acid production from potato starch waste in stirred tank bioreactor. Biotechnology Progress, 2019, 35, e2774.	2.6	15
21	Integrative genomic and proteomic profiling of human neuroblastoma SH-SY5Y cells reveals signatures of endosulfan exposure. Environmental Toxicology and Pharmacology, 2016, 41, 187-194.	4.0	10
22	Remediation of different nitroaromatic pollutants by a promising agent of Cupriavidus sp. strain a3. Ecotoxicology and Environmental Safety, 2020, 205, 111138.	6.0	10
23	Burn to kill: Wood ash a silent killer in Africa. Science of the Total Environment, 2020, 748, 141316.	8.0	9
24	Induction of apoptosis in leukemic cells by the alkaloid extract of garden cress (Lepidium sativum L.). Journal of Integrative Medicine, 2019, 17, 221-228.	3.1	8
25	Mutagenicity and Genotoxicity Testing in Environmental Pollution Control. , 2018, , 113-132.		5
26	Pathogenic gene expression of epicardial adipose tissue in patients with coronary artery disease. Indian Journal of Medical Research, 2020, 151, 554.	1.0	5
27	Can the Indian national ambient air quality standard protect against the hazardous constituents of PM2.5?. Chemosphere, 2022, 303, 135047.	8.2	4
28	Landfill soil leachates from Nigeria and India induced DNA damage and alterations in genes associated with apoptosis in Jurkat cell. Environmental Science and Pollution Research, 2022, 29, 5256-5268.	5.3	3