Sc Santra

List of Publications by Year
in descending order

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46 papers	1,664 citations	279487 23 h-index	288905 40 g-index
48 all docs	48 docs citations	48 times ranked	1994 citing authors

#	Article	IF	Citations
1	A Review on Air Pollution Monitoring and Management Using Plants With Special Reference to Foliar Dust Adsorption and Physiological Stress Responses. Critical Reviews in Environmental Science and Technology, 2015, 45, 2489-2522.	6.6	72
2	Effect of Gamma Radiation on Zinc Tolerance Efficiency of Aspergillus terreus Thorn. Current Microbiology, 2015, 72, 248-58.	1.0	3
3	A study to investigate fluoride contamination and fluoride exposure dose assessment in lateritic zones of West Bengal, India. Environmental Science and Pollution Research, 2015, 22, 6220-6229.	2.7	54
4	Diversity of epiphytic lichens and their role in sequestration of atmospheric metals. International Journal of Environmental Science and Technology, 2014, 11, 899-908.	1.8	10
5	Plant canopies: bio-monitor and trap for re-suspended dust particulates contaminated with heavy metals. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 499-508.	1.0	58
6	Arsenic-prone rice cultivars: a study in endemic region. Paddy and Water Environment, 2014, 12, 379-386.	1.0	11
7	Dietary arsenic consumption and urine arsenic in an endemic population: response to improvement of drinking water quality in a 2-year consecutive study. Environmental Science and Pollution Research, 2014, 21, 609-619.	2.7	28
8	Seasonal perspective of dietary arsenic consumption and urine arsenic in an endemic population. Environmental Monitoring and Assessment, 2014, 186, 4543-4551.	1.3	19
9	Arsenic in irrigated water, soil, and rice: perspective of the cropping seasons. Paddy and Water Environment, 2014, 12, 407-412.	1.0	24
10	Nuclear Microscopy for Air-Pollutant Characterization and Its Advantages over Traditional Techniques. Journal of Applied Spectroscopy, 2014, 81, 145-150.	0.3	2
11	Physico-chemical characterization of street dust and re-suspended dust on plant canopies: An approach for finger printing the urban environment. Ecological Indicators, 2014, 36, 334-338.	2.6	29
12	Catalytic activity of an iron(III) Schiff base complex bound in a polymer resin. Transition Metal Chemistry, 2013, 38, 675-682.	0.7	8
13	Arsenicosis and its relationship with nutritional status in two arsenic affected areas of West Bengal, India. Journal of Asian Earth Sciences, 2013, 77, 303-310.	1.0	26
14	Synthesis, catalytic activity and phytotoxicity of a supported nickel(II) Schiff base complex. Transition Metal Chemistry, 2013, 38, 855-864.	0.7	3
15	Physiological and chemical response of the lichen, Flavoparmelia caperata (L.) Hale, to the urban environment of Kolkata, India. Environmental Science and Pollution Research, 2013, 20, 3077-3085.	2.7	25
16	Seasonal variation of methane flux from coastal saline rice field with the application of different organic manures. Atmospheric Environment, 2013, 66, 114-122.	1.9	52
17	Effect of inorganic fertilizers (N, P, K) on methane emission from tropical rice field of India. Atmospheric Environment, 2013, 66, 123-130.	1.9	28
18	In vitro assessment on the impact of soil arsenic in the eight rice varieties of West Bengal, India. Journal of Hazardous Materials, 2013, 262, 1091-1097.	6.5	54

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19	Species-level study on arsenic availability from dietary components. Toxicological and Environmental Chemistry, 2013, 95, 529-540.	0.6	14
20	Arsenic-induced health crisis in peri-urban Moyna and Ardebok villages, West Bengal, India: an exposure assessment study. Environmental Geochemistry and Health, 2012, 34, 563-574.	1.8	66
21	Heavy metal accumulation in vegetables grown in a long-term wastewater-irrigated agricultural land of tropical India. Environmental Monitoring and Assessment, 2012, 184, 6673-6682.	1.3	90
22	Risk from Winter Vegetables and Pulses Produced in Arsenic Endemic Areas of Nadia District: Field Study Comparison With Market Basket Survey. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 909-914.	1.3	23
23	SEMEDS: An important tool for air pollution bio-monitoring. Micron, 2012, 43, 490-493.	1.1	15
24	Relationship between CH4 and N2O flux from soil and their ambient mixing ratio in a riparian rice-based agroecosystem of tropical region. Journal of Environmental Monitoring, 2011, 13, 3469.	2.1	4
25	Greenhouse gas emissions from rice based cropping systems: Economic and technologic challenges and opportunities. Mitigation and Adaptation Strategies for Global Change, 2011, 16, 597-615.	1.0	18
26	Phylogeny, phenotypic and nutritional characteristics of estuarine soil actinomycetes having broad-spectrum antimicrobial activity derived from an ecologically guided bioprospecting programme. World Journal of Microbiology and Biotechnology, 2011, 27, 1679-1688.	1.7	6
27	Synthesis, catalytic oxidation and antimicrobial activity of copper(II) Schiff base complex. Journal of Molecular Catalysis A, 2011, 336, 106-114.	4.8	53
28	Effects of gamma radiation on fungi infected rice (in vitro). International Journal of Radiation Biology, 2011, 87, 1097-1102.	1.0	21
29	Determination of public health hazard potential of wastewater reuse in crop production. World Review of Science, Technology and Sustainable Development, 2010, 7, 328.	0.3	29
30	Assessment of Total Mercury Level in Fish Collected from East Calcutta Wetlands and Titagarh Sewage Fed Aquaculture in West Bengal, India. Bulletin of Environmental Contamination and Toxicology, 2010, 84, 618-622.	1.3	22
31	Accumulation of arsenic and its distribution in rice plant (Oryza sativa L.) in Gangetic West Bengal, India. Paddy and Water Environment, 2010, 8, 63-70.	1.0	132
32	Study on trace elements (using energy dispersive X-ray fluorescence technique) of edible seeds from Cicer arietinum L. plants developed from gamma irradiated seeds and variation of yielding capacity. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 225-230.	0.7	7
33	Metallic components of traffic-induced urban aerosol, their spatial variation, and source apportionment. Environmental Monitoring and Assessment, 2010, 168, 561-574.	1.3	45
34	Effects of gamma irradiation on long-storage seeds of Oryza sativa (cv. 2233) and their surface infecting fungal diversity. Radiation Physics and Chemistry, 2009, 78, 1006-1010.	1.4	27
35	Accumulation of minor and trace elements in lichens in and around Kolkata, India: an application of Xâ€ray fluorescence technique to air pollution monitoring. X-Ray Spectrometry, 2009, 38, 469-473.	0.9	17
36	EFFECTS OF STERILIZATION BY GAMMA RADIATION OF EDIBLE STORED VIGNA MUNGO L. AND TRITICUM AESTIVUM L. SEED INFESTED WITH SURFACE MICROFLORA IN INDIA. Journal of Food Safety, 2009, 29, 443-459.	1.1	5

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37	Effects of gamma irradiation on edible seed protein, amino acids and genomic DNA during sterilization. Food Chemistry, 2009, 114, 1237-1244.	4.2	54
38	Prevalence of intestinal helminth eggs on vegetables grown in wastewater-irrigated areas of Titagarh, West Bengal, India. Food Control, 2009, 20, 942-945.	2.8	78
39	Effect of gamma radiation on growth and survival of common seed-borne fungi in India. Radiation Physics and Chemistry, 2008, 77, 907-912.	1.4	16
40	An Assessment of Heavy Metal Contamination in Vegetables Grown in Wastewater-Irrigated Areas of Titagarh, West Bengal, India. Bulletin of Environmental Contamination and Toxicology, 2008, 80, 115-118.	1.3	180
41	Distribution of actinomycetes, their antagonistic behaviour and the physico-chemical characteristics of the worldâ€™s largest tidal mangrove forest. Applied Microbiology and Biotechnology, 2008, 80, 685-695.	1.7	60
42	Modulation of some quantitative and qualitative characteristics in rice (Oryza sativa L.) and mung (Phaseolus mungo L.) by ionizing radiation. Radiation Physics and Chemistry, 2005, 74, 391-394.	1.4	58
43	Radiation-induced effects on some common storage edible seeds in India infested with surface microflora. Radiation Physics and Chemistry, 2004, 71, 1065-1072.	1.4	34
44	Status of road traffic noise in Calcutta metropolis, India. Journal of the Acoustical Society of America, 1997, 101, 943-949.	0.5	51
45	Air pollutants and aeroallergens interaction. Grana, 1991, 30, 63-66.	0.4	15
46	Airborne Fungal Flora in Indoor Environments of the Calcutta Metropolis, India. Grana, 1989, 28, 141-145.	0.4	16