Irani Mukherjee

List of Publications by Year
in descending order

52 papers	1,017 citations	361045 20 h-index	476904 29 g-index
52 all docs	52 docs citations	52 times ranked	846 citing authors

#	Article	IF	Citations
1	Utilizing dissimilar feedstocks derived biochar amendments to alter soil biological indicators in acidic soil of Northeast India. Biomass Conversion and Biorefinery, 2023, 13, 10203-10214.	2.9	10
2	A laboratory study on adsorptionâ€“desorption behavior of flupyradifurone in two Indian soils: effect of soil properties and organic amendment. Journal of Soils and Sediments, 2022, 22, 2022-2035.	1.5	4
3	Effect of Organic Amendment on Mobility Behavior of Flupyradifurone in Two Different Indian Soils. Bulletin of Environmental Contamination and Toxicology, 2021, 107, 160-166.	1.3	6
4	Metal Organic Framework steered electrosynthesis of anisotropic gold nanorods for specific sensing of organophosphate pesticides in vegetables collected from the field. Nanoscale, 2020, 12, 21719-21733.	2.8	15
5	Layered construction of nano immuno-hybrid embedded MOF as an electrochemical sensor for rapid quantification of total pesticides load in vegetable extract. Journal of Electroanalytical Chemistry, 2020, 873, 114386.	1.9	22
6	Low Cost Biomass Derived Biochar Amendment on Persistence and Sorption Behaviour of Flubendiamide in Soil. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 261-269.	1.3	10
7	Sludge Amendment Affect the Persistence, Carbon Mineralization and Enzyme Activity of Atrazine and Bifenthrin. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 291-298.	1.3	20
8	Atmospheric CO2 Level and Temperature Affect Degradation of Pretilachlor and Butachlor in Indian Soil. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 856-861.	1.3	18
9	Leaching of Clothianidin in Two Different Indian Soils: Effect of Organic Amendment. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 553-559.	1.3	28
10	Degradation of tricyclazole: Effect of moisture, soil type, elevated carbon dioxide and Blue Green Algae (BGA). Journal of Hazardous Materials, 2017, 321, 517-527.	6.5	35
11	Metsulfuron-methyl Herbicide on Dehydrogenase and Acid Phosphatase Enzyme Activity on Three Different Soils. International Journal of Bio-resource and Stress Management, 2017, 8, 236-241.	0.1	12
12	Degradation of flubendiamide as affected by elevated CO2, temperature, and carbon mineralization rate in soil. Environmental Science and Pollution Research, 2016, 23, 19931-19939.	2.7	18
13	Investigating Role of Abiotic Factors on Spinosad Dissipation. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 125-129.	1.3	17
14	Alachlor and Metribuzin Herbicide on N2-fixing Bacteria in a Sandy Loam soil. International Journal of Bio-resource and Stress Management, 2016, 7, 334-338.	0.1	8
15	Dissipation of deltamethrin, triazophos, and endosulfan in ready mix formulations in tomato (Lycopersicon esculentum L.) and Egg plant (Solanum melongena L.). Environmental Science and Pollution Research, 2015, 22, 14169-14177.	2.7	9
16	Effect of soil type and organic manure on adsorptionâ€“desorption of flubendiamide. Environmental Monitoring and Assessment, 2015, 187, 403.	1.3	28
17	A novel electrochemical piezoelectric label free immunosensor for aflatoxin B1 detection in groundnut. Food Control, 2015, 52, 60-70.	2.8	83
18	Adsorptionâ€“desorption of tricyclazole: effect of soil types and organic matter. Environmental Monitoring and Assessment, 2015, 187, 61.	1.3	12

#	Article	IF	Citations
19	Persistence of spiromesifen in soil: influence of moisture, light, pH and organic amendment. Environmental Monitoring and Assessment, 2015, 187, 7.	1.3	25
20	Dissipation pattern and risk assessment of flubendiamide on chili at different agro-climatic conditions in India. Environmental Monitoring and Assessment, 2015, 187, 245.	1.3	7
21	Mobility of spiromesifen in packed soil columns under laboratory conditions. Environmental Monitoring and Assessment, 2014, 186, 7195-7202.	1.3	18
22	Influence of microbial community on degradation of flubendiamide in two Indian soils. Environmental Monitoring and Assessment, 2014, 186, 3213-3219.	1.3	25
23	Comparative assessment of pesticide residues in grain, soil, and water from IPM and non-IPM trials of basmati rice. Environmental Monitoring and Assessment, 2014, 186, 361-366.	1.3	16
24	Effect of Moisture and Organic Manure on Persistence of Flubendiamide in Soil. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 515-520.	1.3	37
25	Influence of Organic Amendments on the Degradation of Endosulfan. Bulletin of Environmental Contamination and Toxicology, 2012, 89, 334-339.	1.3	10
26	Flubendiamide Transport Through Packed Soil Columns. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 229-233.	1.3	21
27	Phytoextraction of Endosulfan a Remediation Technique. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 250-254.	1.3	27
28	Persistence Behavior of Combination Mix Crop Protection Agents in/on Eggplant Fruits. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 338-343.	1.3	11
29	Dissipation of Flubendiamide in/on Okra [Abelmoschus esculenta (L.) Moench] Fruits. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 381-384.	1.3	28
30	Impact Analysis of IPM Programs in Basmati Rice by Estimation of Pesticide Residues. Bulletin of Environmental Contamination and Toxicology, 2011, 86, 307-313.	1.3	9
31	Effect of Light and pH on Persistence of Flubendiamide. Bulletin of Environmental Contamination and Toxicology, 2011, 87, 292-296.	1.3	34
32	Assessment of Iprovalicarb, a Systemic Fungicide in/on Cabbage (Brassica oleracea var. capitata). Bulletin of Environmental Contamination and Toxicology, 2009, 83, 341-347.	1.3	6
33	Effect of Organic Amendments on Degradation of Atrazine. Bulletin of Environmental Contamination and Toxicology, 2009, 83, 832-835.	1.3	18
34	Determination of Pesticide Residue in Soil, Water and Grain from IPM and Non-IPM Field Trials of Rice. Bulletin of Environmental Contamination and Toxicology, 2008, 81, 373-376.	1.3	21
35	Soil Amendment: A Technique for Soil Remediation of Lactofen. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 49-52.	1.3	8
36	Liquid chromatographic determination of iprovalicarb in cabbage and soil. Journal of AOAC INTERNATIONAL, 2004, 87, 157-61.	0.7	2

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37	Pesticides residues in vegetables in and around Delhi. Environmental Monitoring and Assessment, 2003, 86, 265-271.	1.3	33
38	Organochlorine insecticide residues in drinking and ground water in and around Delhi. Environmental Monitoring and Assessment, 2002, 76, 185-193.	1.3	43
39	Environmental behaviour and translocation of imidacloprid in eggplant, cabbage and mustard. Pest Management Science, 2000, 56, 932-936.	1.7	51
40	Degradation of chlorpyrifos by two soil fungi Aspergillus niger and trichoderma viride. Toxicological and Environmental Chemistry, 1996, 57, 145-151.	0.6	24
41	Chromatographic techniques in the analysis of organochlorine pesticide residues. Journal of Chromatography A, 1996, 754, 33-42.	1.8	50
42	Methodology for the estimation of chlorothalonil and its metabolite in mustard crop by gas liquid chromatography. Fresenius' Journal of Analytical Chemistry, 1995, 351, 590-591.	1.5	2
43	Degradation of betaâ€endosulfan byAspergillus Niger. Toxicological and Environmental Chemistry, 1994, 46, 217-221.	0.6	36
44	Interconversion of stereoisomers of endosulfan on chickpea crop under field conditions. Pest Management Science, 1994, 40, 103-106.	0.7	21
45	Determination of residues of endosulfan and endosulfan sulfate on eggplant, mustard and chickpea. Pest Management Science, 1993, 37, 67-72.	0.7	21
46	A study of the possible interconversion of hexachlorocyclohexane stereoisomers on chickpea. Pest Management Science, 1993, 39, 61-64.	0.7	6
47	New method for the determination of residues of oxydemeton methyl in mustard crop by gas chromatography of its sulphone. Fresenius' Journal of Analytical Chemistry, 1993, 347, 126-128.	1.5	3
48	Residue behaviour of fenvalerate, tau-fluvalinate, lambda-cyhalothrin and monocrotophos in eggplant (Solanum melongenaL.) fruits. Pest Management Science, 1992, 36, 175-179.	0.7	22
49	HCH, endosulfan, and fluvalinate residue behavior in pigeonpea (Cajanus cajan L. Millsp). Bulletin of Environmental Contamination and Toxicology, 1992, 48, 163-70.	1.3	11
50	The Rearrangement of 3, 4-Dihydro-2, 2-Dimethy-2H, 5H-Pyrano [2, 3-b][1] Benzopyran-5-Ones With DDQ. Synthetic Communications, 1986, 16, 1671-1677.	1.1	3
51	An Elegant Synthesis of 2,2-Dimethyl-2H,5H-pyrano[3,2-c][1]benzopyran-5-ones. Heterocycles, 1984, 22, 223.	0.4	7
52	Propesticides and Their Implications. , 0, , .		6