

Jaswinder Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8702346/publications.pdf>

Version: 2024-02-01

64
papers

2,580
citations

201385

27
h-index

205818

48
g-index

65
all docs

65
docs citations

65
times ranked

2320
citing authors

#	ARTICLE	IF	CITATIONS
1	Vermicompost acts as bio-modulator for plants under stress and non-stress conditions. Environment, Development and Sustainability, 2023, 25, 2006-2057.	2.7	20
2	Assessment of heavy metal contamination and its effect on earthworms in different types of soils. International Journal of Environmental Science and Technology, 2022, 19, 4337-4350.	1.8	11
3	Earthworm Community Structures in Three Wetland Ecosystems with Reference to Soil Physicochemical Properties. Proceedings of the Zoological Society, 2022, 75, 231-241.	0.4	1
4	Cadmium phytoremediation potential of Brassica genotypes grown in Cd spiked Loamy sand soils: Accumulation and tolerance. Chemosphere, 2022, 302, 134842.	4.2	10
5	Characterization of vermicompost of coconut husk mixed with cattle dung: physicochemical properties, SEM, and FT-IR analysis. Environmental Science and Pollution Research, 2022, 29, 87790-87801.	2.7	5
6	Grassland management effects on earthworm communities under ambient and future climatic conditions. European Journal of Soil Science, 2021, 72, 343-355.	1.8	20
7	Comparing the nutrient changes, heavy metals, and genotoxicity assessment before and after vermicomposting of thermal fly ash using Eisenia fetida. Environmental Science and Pollution Research, 2021, 28, 48154-48170.	2.7	10
8	Global data on earthworm abundance, biomass, diversity and corresponding environmental properties. Scientific Data, 2021, 8, 136.	2.4	29
9	Potential Ecological Impacts of Heavy Metals in Sediments of Industrially Contaminated Perennial Drain of India. Bulletin of Environmental Contamination and Toxicology, 2021, 106, 949-958.	1.3	6
10	Assessment of Earthworm Community Structure in Industrial and Non-industrial Soils. Asian Journal of Biological and Life Sciences, 2021, 10, 183-190.	0.1	1
11	Earthworm gut passage reinforces land-use effects on soil microbial communities across climate treatments. Applied Soil Ecology, 2021, 164, 103919.	2.1	3
12	Avoidance behavior of Eisenia fetida and Metaphire posthuma towards two different pesticides, acephate and atrazine. Chemosphere, 2021, 278, 130476.	4.2	25
13	Appraisal of pollution of potentially toxic elements in different soils collected around the industrial area. Heliyon, 2021, 7, e08122.	1.4	17
14	Remediation techniques for removal of heavy metals from the soil contaminated through different sources: a review. Environmental Science and Pollution Research, 2020, 27, 1319-1333.	2.7	246
15	Cadmium Accumulation Potential of Brassica Species Grown in Metal Spiked Loamy Sand Soil. Soil and Sediment Contamination, 2020, 29, 638-649.	1.1	17
16	Soil properties changes earthworm diversity indices in different agro-ecosystem. BMC Ecology, 2020, 20, 27.	3.0	30
17	Potential carcinogenic and non-carcinogenic health hazards of metal(loid)s in food grains. Environmental Science and Pollution Research, 2020, 27, 17032-17042.	2.7	15
18	Earthworm Communities and Soil Structural Properties. , 2020, , 333-350.		0

#	ARTICLE	IF	CITATIONS
19	Endophytic bacteria in xenobiotic degradation. , 2020, , 125-156.		10
20	Treatment of Wastewater by Vermifiltration Integrated with Plants. , 2020, , 35-51.		2
21	Diversity and Abundance of Earthworms in Different Landuse Patterns: Relation with Soil Properties. Asian Journal of Biological and Life Sciences, 2020, 9, 111-118.	0.1	5
22	Aquatic Plants as Effective Phytoremediators of Heavy Metals. , 2020, , 189-199.		1
23	Global distribution of earthworm diversity. Science, 2019, 366, 480-485.	6.0	248
24	Nutrient recovery from pigeon dropping by using exotic earthworm Eisenia fetida. Sustainable Chemistry and Pharmacy, 2019, 12, 100126.	1.6	1
25	Modulatory role of vermicompost and vermiwash on growth, yield and nutritional profiling of <i>Linum usitatissimum</i> L. (Linseed): a field study. Environmental Science and Pollution Research, 2019, 26, 3006-3018.	2.7	11
26	Climate change effects on earthworms - a review. Soil Organisms, 2019, 91, 114-138.	2.2	35
27	Assessment of genotoxic effects of pesticide and vermicompost treated soil with <i>Allium cepa</i> test. Sustainable Environment Research, 2018, 28, 171-178.	2.1	59
28	Bioremediation and detoxification of industrial wastes by earthworms: Vermicompost as powerful crop nutrient in sustainable agriculture. Bioresource Technology, 2018, 252, 172-179.	4.8	150
29	Earthworms as Organic Waste Managers and Biofertilizer Producers. Waste and Biomass Valorization, 2018, 9, 1073-1086.	1.8	67
30	Comparative analysis of tissue compartmentalized heavy metal uptake by common forage crop: A field experiment. Catena, 2018, 160, 185-193.	2.2	48
31	Ecological risk assessment of metals in roadside agricultural soils: A modified approach. Human and Ecological Risk Assessment (HERA), 2018, 24, 186-201.	1.7	23
32	Eco-friendly method for the extraction of earthworms: Comparative account of formalin, AITC and <i>Allium cepa</i> as extractant. Applied Soil Ecology, 2018, 124, 141-145.	2.1	6
33	Phytoremediation of Heavy Metals Using Cotton Plant: A Field Analysis. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 637-643.	1.3	35
34	Conventional farming reduces the activity of earthworms: Assessment of genotoxicity test of soil and vermicast. Agriculture and Natural Resources, 2018, 52, 366-370.	0.4	9
35	Potential ecological risks of metal(loid)s in riverine floodplain soils. Ecotoxicology and Environmental Safety, 2018, 164, 722-731.	2.9	15
36	Role of Earthworm in Sustainable Agriculture. , 2018, , 83-122.		13

#	ARTICLE	IF	CITATIONS
37	Vermiremediation and detoxification of sugar beet pulp waste using <i>Allium cepa</i> bioassay. <i>Energy, Ecology and Environment</i> , 2018, 3, 242-249.	1.9	7
38	Analysis of soil characteristics of different land uses and metal bioaccumulation in wheat grown around rivers: possible human health risk assessment. <i>Environment, Development and Sustainability</i> , 2017, 19, 571-588.	2.7	22
39	Instrumental characterization of organic wastes for evaluation of vermicompost maturity. <i>Journal of Analytical Science and Technology</i> , 2017, 8, .	1.0	67
40	Amelioration and degradation of pressmud and bagasse wastes using vermitechnology. <i>Bioresource Technology</i> , 2017, 243, 1097-1104.	4.8	31
41	Vermicompost and vermiwash as supplement to improve seedling, plant growth and yield in <i>Linum usitatissimum</i> L. for organic agriculture. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2017, 6, 203-218.	2.0	32
42	Genotoxicity monitoring of industrial wastes using plant bioassays and management through vermitechnology: A review. <i>Agriculture and Natural Resources</i> , 2017, 51, 325-337.	0.4	8
43	Earthworms Converting Milk Processing Industry Sludge into Biomanure. <i>The Open Waste Management Journal</i> , 2017, 10, 30-40.	2.8	16
44	Physico-chemical Properties and Heavy Metal Contents of Soils and Kharif Crops of Punjab, India. <i>Procedia Environmental Sciences</i> , 2016, 35, 801-808.	1.3	34
45	Effect on Growth of Earthworm and Chemical Parameters During Vermicomposting of Pressmud Sludge Mixed with Cattle Dung Mixture. <i>Procedia Environmental Sciences</i> , 2016, 35, 425-434.	1.3	58
46	Genotoxicity reduction in bagasse waste of sugar industry by earthworm technology. <i>SpringerPlus</i> , 2016, 5, 1186.	1.2	12
47	Effect of abiotic factors on the distribution of earthworms in different land use patterns. <i>Journal of Basic and Applied Zoology</i> , 2016, 74, 41-50.	0.4	33
48	Earthworms, pesticides and sustainable agriculture: a review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8227-8243.	2.7	134
49	Earthworm as ecological engineers to change the physico-chemical properties of soil: Soil vs vermicast. <i>Ecological Engineering</i> , 2016, 90, 1-5.	1.6	70
50	Extraction of earthworm from soil by different sampling methods: a review. <i>Environment, Development and Sustainability</i> , 2016, 18, 1521-1539.	2.7	21
51	Vermistabilization of sugar beet (<i>Beta vulgaris</i> L) waste produced from sugar factory using earthworm <i>Eisenia fetida</i> : Genotoxic assessment by <i>Allium cepa</i> test. <i>Environmental Science and Pollution Research</i> , 2015, 22, 11236-11254.	2.7	39
52	Potential utilization of bagasse as feed material for earthworm <i>Eisenia fetida</i> and production of vermicompost. <i>SpringerPlus</i> , 2015, 4, 11.	1.2	86
53	Vermicompost as a strong buffer and natural adsorbent for reducing transition metals, BOD, COD from industrial effluent. <i>Ecological Engineering</i> , 2015, 74, 13-19.	1.6	28
54	Vermicompost as an effective organic fertilizer and biocontrol agent: effect on growth, yield and quality of plants. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 137-159.	3.9	141

#	ARTICLE	IF	CITATIONS
55	Bioremediation of Distillery Sludge into Soil-Enriching Material Through Vermicomposting with the Help of <i>Eisenia fetida</i> . <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 1403-1419.	1.4	37
56	Genotoxic assessment and optimization of pressmud with the help of exotic earthworm <i>Eisenia fetida</i> . <i>Environmental Science and Pollution Research</i> , 2014, 21, 8112-8123.	2.7	51
57	Vermiremediation of dyeing sludge from textile mill with the help of exotic earthworm <i>Eisenia fetida</i> Savigny. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5975-5982.	2.7	52
58	Vermicompost as soil supplement to enhance growth, yield and quality of <i>Triticum aestivum</i> L.: a field study. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2013, 2, 1.	2.0	38
59	Vermicomposting of tannery sludge mixed with cattle dung into valuable manure using earthworm <i>Eisenia fetida</i> (Savigny). <i>Bioresource Technology</i> , 2011, 102, 7941-7945.	4.8	147
60	Cocomposting with and without <i>Eisenia fetida</i> for conversion of toxic paper mill sludge to a soil conditioner. <i>Bioresource Technology</i> , 2010, 101, 8192-8198.	4.8	100
61	Role of <i>Eisenia fetida</i> in rapid recycling of nutrients from bio sludge of beverage industry. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 430-435.	2.9	100
62	Environmental Influence of Soil toward Effective Vermicomposting. , 0, , .		3
63	Management of Sugar Industrial Wastes through Vermitechnology. <i>International Letters of Natural Sciences</i> , 0, 55, 35-43.	1.0	6
64	First Report of the Earthworm <i>Pontoscolex corethrurus</i> <i>(M&uuml;ller, 1857)</i> from Punjab, India. <i>International Letters of Natural Sciences</i> , 0, 68, 1-8.	1.0	2