

Pratap Srivastava

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

799
citations

567281

15
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifaceted application of crop residue biochar as a tool for sustainable agriculture: An ecological perspective. <i>Ecological Engineering</i> , 2015, 77, 324-347.	3.6	117
2	An urgent need for sustainable thinking in agriculture – An Indian scenario. <i>Ecological Indicators</i> , 2016, 67, 611-622.	6.3	91
3	Current and emerging trends in bioremediation of petrochemical waste: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 155-201.	12.8	87
4	Influence of synthetic fertilizers and pesticides on soil health and soil microbiology. , 2020, , 25-54.		61
5	Relative availability of inorganic N-pools shifts under land use change: An unexplored variable in soil carbon dynamics. <i>Ecological Indicators</i> , 2016, 64, 228-236.	6.3	50
6	Effect of nanoscale TiO ₂ -activated carbon composite on <i>Solanum lycopersicum</i> (L.) and <i>Vigna radiata</i> (L.) seeds germination. <i>Energy, Ecology and Environment</i> , 2016, 1, 131-140.	3.9	49
7	Impact of rice-husk ash on the soil biophysical and agronomic parameters of wheat crop under a dry tropical ecosystem. <i>Ecological Indicators</i> , 2019, 105, 505-515.	6.3	41
8	Soil carbon efflux and sequestration as a function of relative availability of inorganic N pools in dry tropical agroecosystem. <i>Applied Soil Ecology</i> , 2015, 96, 1-6.	4.3	32
9	Understanding the ecology of tree-seedling growth in dry tropical environment: a management perspective. <i>Energy, Ecology and Environment</i> , 2016, 1, 296-309.	3.9	29
10	Organic amendment impact on SOC dynamics in dry tropics: A possible role of relative availability of inorganic-N pools. <i>Agriculture, Ecosystems and Environment</i> , 2016, 235, 38-50.	5.3	29
11	Tree seedling establishment in dry tropics: an urgent need of interaction studies. <i>Environment Systems and Decisions</i> , 2017, 37, 88-100.	3.4	27
12	Soil carbon dynamics and climate change: current agro-environmental perspectives and future dimensions. <i>Energy, Ecology and Environment</i> , 2016, 1, 315-322.	3.9	25
13	Herbaceous species diversity and soil attributes along a forest-savanna-grassland continuum in a dry tropical region. <i>Ecological Engineering</i> , 2017, 103, 226-235.	3.6	24
14	Riparian land uses affect the dry season soil CO ₂ efflux under dry tropical ecosystems. <i>Ecological Engineering</i> , 2017, 100, 291-300.	3.6	23
15	Temporal change in soil physicochemical, microbial, aggregate and available C characteristic in dry tropical ecosystem. <i>Catena</i> , 2020, 190, 104553.	5.0	23
16	Soil Carbon Dynamics Under Changing Climate – A Research Transition from Absolute to Relative Roles of Inorganic Nitrogen Pools and Associated Microbial Processes: A Review. <i>Pedosphere</i> , 2017, 27, 792-806.	4.0	20
17	Effect of invasion by <i>Hyptis suaveolens</i> on plant diversity and selected soil properties of a constructed tropical grassland. <i>Journal of Plant Ecology</i> , 2018, 11, 751-760.	2.3	14
18	Combined application of biochar and farmyard manure reduces wheat crop eco-physiological performance in a tropical dryland agro-ecosystem. <i>Energy, Ecology and Environment</i> , 2020, 5, 171-183.	3.9	10

#	ARTICLE	IF	CITATIONS
19	Human Overpopulation and Food Security. , 2019, , 439-467.		10
20	Effects of grass competition on tree seedlings growth under different light and nutrient availability conditions in tropical dry forests in India. Ecological Research, 2020, 35, 807-818.	1.5	9
21	A new insight into the warming potential of organically amended agro-ecosystems. Organic Agriculture, 2018, 8, 275-284.	2.4	8
22	Understanding the Complex Interaction Between Soil N Availability and Soil C Dynamics Under Changing Climate Conditions 1. , 2018, , 337-348.		4
23	Understanding Soil Aggregate Dynamics and Its Relation With Land Use and Climate Change. , 2019, , 331-354.		4
24	Geomorphologic heterogeneity influences dry-season soil CO2 efflux by mediating soil biophysical variables in a tropical river valley. Aquatic Sciences, 2019, 81, 1.	1.5	4
25	Human Overpopulation and Food Security. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 12-39.	0.4	4
26	Exploring soil responses to various organic amendments under dry tropical agroecosystems. , 2020, , 583-611.		3
27	Physical and Biological Processes Controlling Soil C Dynamics. Sustainable Agriculture Reviews, 2018, , 171-202.	1.1	1
28	Engineered Nanoparticles in Smart Agricultural Revolution: An Enticing Domain to Move Carefully. Advances in Science, Technology and Innovation, 2021, , 3-18.	0.4	0