

Subhadip Ghosh

List of Publications by Year in descending order

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45
papers

1,665
citations

471509

17
h-index

302126

39
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45
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45
docs citations

45
times ranked

1672
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoremediation: A Promising Approach for Revegetation of Heavy Metal-Polluted Land. <i>Frontiers in Plant Science</i> , 2020, 11, 359.	3.6	705
2	Organic amendments influence soil quality and carbon sequestration in the Indo-Gangetic plains of India. <i>Agriculture, Ecosystems and Environment</i> , 2012, 156, 134-141.	5.3	163
3	Urban cities and road traffic noise: Reduction through vegetation. <i>Applied Acoustics</i> , 2017, 120, 15-20.	3.3	119
4	Influence of biochar and compost on soil properties and tree growth in a tropical urban environment. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1303-1310.	3.5	58
5	Soil carbon and related soil properties along a soil type and land-use intensity gradient, New South Wales, Australia. <i>Soil Use and Management</i> , 2011, 27, 437-447.	4.9	53
6	Water hyacinth for energy and environmental applications: A review. <i>Bioresource Technology</i> , 2021, 327, 124809.	9.6	51
7	Changes in soil organic carbon pool in three long-term fertility experiments with different cropping systems and inorganic and organic soil amendments in the eastern cereal belt of India. <i>Soil Research</i> , 2010, 48, 413.	1.1	36
8	Potential of fallow chronosequence in shifting cultivation to conserve soil organic carbon in northeast India. <i>Catena</i> , 2015, 135, 321-327.	5.0	35
9	Biochar for urban agriculture: Impacts on soil chemical characteristics and on <i>Brassica rapa</i> growth, nutrient content and metabolism over multiple growth cycles. <i>Science of the Total Environment</i> , 2020, 727, 138742.	8.0	33
10	Soil organic carbon distribution in roadside soils of Singapore. <i>Chemosphere</i> , 2016, 165, 163-172.	8.2	32
11	Changes in Properties of Sodic Australian Vertisols with Application of Organic Waste Products. <i>Soil Science Society of America Journal</i> , 2010, 74, 153-160.	2.2	27
12	Influence of soil properties on street tree attributes in Singapore. <i>Urban Ecosystems</i> , 2016, 19, 949-967.	2.4	27
13	Impacts of biochar concentration on the growth performance of a leafy vegetable in a tropical city and its global warming potential. <i>Journal of Cleaner Production</i> , 2020, 264, 121678.	9.3	26
14	Gasification biochar from horticultural waste: An exemplar of the circular economy in Singapore. <i>Science of the Total Environment</i> , 2021, 781, 146573.	8.0	24
15	Measurement and estimation of land-use effects on soil carbon and related properties for soil monitoring: a study on a basalt landscape of northern New South Wales, Australia. <i>Soil Research</i> , 2010, 48, 421.	1.1	24
16	Urban tree growth and their dependency on infiltration rates in structural soil and structural cells. <i>Urban Forestry and Urban Greening</i> , 2017, 26, 41-47.	5.3	21
17	Application of char products improves urban soil quality. <i>Soil Use and Management</i> , 2012, 28, 329-336.	4.9	20
18	Projections of changes in grassland soil organic carbon under climate change are relatively insensitive to methods of model initialization. <i>European Journal of Soil Science</i> , 2013, 64, 229-238.	3.9	18

#	ARTICLE	IF	CITATIONS
19	Modelling soil organic carbon storage with RothC in irrigated Vertisols under cotton cropping systems in the sub-tropics. <i>Soil and Tillage Research</i> , 2014, 143, 38-49.	5.6	17
20	Mechanical injury and occlusion: An urban, tropical perspective. <i>Urban Forestry and Urban Greening</i> , 2013, 12, 255-261.	5.3	15
21	Litter decomposition and infiltration capacities in soils of different tropical urban land covers. <i>Urban Ecosystems</i> , 2022, 25, 21-34.	2.4	15
22	Changes in Vertisol properties as affected by organic amendments application rates. <i>Soil Use and Management</i> , 2011, 27, 195-204.	4.9	14
23	Distribution of nutrients and trace elements in forest soils of Singapore. <i>Chemosphere</i> , 2019, 222, 62-70.	8.2	13
24	Short-term effects of organic amendments on properties of a Vertisol. <i>Waste Management and Research</i> , 2010, 28, 1087-1095.	3.9	12
25	Urbanization minimizes the effects of plant traits on soil provisioned ecosystem services across climatic regions. <i>Global Change Biology</i> , 2021, 27, 4139-4153.	9.5	12
26	Growth of <i>Samanea saman</i> : Estimated cooling potential of this tree in an urban environment. <i>Urban Forestry and Urban Greening</i> , 2019, 41, 264-271.	5.3	11
27	Organic amendments influence nutrient availability and cotton productivity in irrigated Vertisols. <i>Australian Journal of Agricultural Research</i> , 2008, 59, 1068.	1.5	10
28	Drying temperature effects on bulk density and carbon density determination in soils of northern New South Wales. <i>Soil Research</i> , 2009, 47, 781.	1.1	10
29	Soil characteristics in an exhumed cemetery land in Central Singapore. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 174.	2.7	10
30	Assessment of heavy metal and metalloid levels and screening potential of tropical plant species for phytoremediation in Singapore. <i>Environmental Pollution</i> , 2022, 295, 118681.	7.5	9
31	Growth of street trees in urban ecosystems: structural cells and structural soil. <i>Journal of Urban Ecology</i> , 2017, 3, .	1.5	8
32	Applying Composted Cotton Gin Trash to a Vertisol in Southeastern Queensland, Australia. <i>Communications in Soil Science and Plant Analysis</i> , 2011, 42, 1855-1861.	1.4	7
33	Microbial Biomass and Activity in Relation to Accessibility of Organic Carbon in Saline Soils of Coastal Agro-Ecosystem. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 633-643.	1.0	7
34	Impact of anthropogenic pollution on soil properties in and around a town in Eastern India. <i>Geoderma Regional</i> , 2022, 28, e00462.	2.1	7
35	Soil greenhouse gas fluxes from a humid tropical forest and differently managed urban parkland in Singapore. <i>Science of the Total Environment</i> , 2021, 786, 147305.	8.0	4
36	Comparing the morphology and physiology of trees planted in containers and in-ground sites. <i>Arboricultural Journal</i> , 2017, 39, 198-207.	0.8	3

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37	Effects of varying establishment approaches on the growth of urban street trees. <i>Arboricultural Journal</i> , 2018, 40, 201-209.	0.8	3
38	Calculating the value of the tropical, urban tree <i>Albizia saman</i> . <i>Arboricultural Journal</i> , 2014, 36, 18-31.	0.8	2
39	Evaluation of an Infrared Camera Technique for Detecting Mechanically Induced Internal Voids in <i>Syzygium grande</i> . <i>Arboriculture and Urban Forestry</i> , 2011, 37, 93-98.	0.6	2
40	Effect of Compost and Hydroabsorbent Polymer on Tree Growth and Soil Properties in a Tropical Urban Environment. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 1229-1238.	1.4	1
41	Nutrient Sufficiency Range of Soils and Plants in Singapore. , 2021, , 669-681.		1
42	Response to Letter to the Editor "Comments on "Modelling soil organic carbon storage with RothC in irrigated Vertisols under cotton cropping systems in the sub-tropics" (Nimai Senapati, Nilantha R.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	5.6	0
43	Foliar nitrogen characteristics of two tropical tree species along urban roads and parklands. <i>Urban Ecosystems</i> , 2020, 23, 985-993.	2.4	0
44	A Basic Concept on Modelling Soil Organic Carbon. <i>Simulation Foundations, Methods and Applications</i> , 2014, , 293-313.	0.1	0
45	Variation in soil organic carbon stocks in Singapore with forest succession and land management. <i>Journal of Tropical Ecology</i> , 0, , 1-10.	1.1	0