Purabi Saikia

List of Publications by Year
in descending order

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40 papers	1,154 citations	686830 13 h-index	414034 32 g-index
44 all docs	44 docs citations	44 times ranked	2396 citing authors

#	Article	IF	Citations
1	Effect of vegetation structure on above ground biomass in tropical deciduous forests of Central India. Geocarto International, 2022, 37, 6294-6310.	1.7	11
2	COVID-19 pandemic hazardâ€“riskâ€“vulnerability analysis: a framework for an effective Pan-India response. Geocarto International, 2022, 37, 9098-9109.	1.7	9
3	Distribution mapping of Bauhinia vahlii Wight & Arn. in India using ecological niche modelling. Tropical Ecology, 2022, 63, 286-299.	0.6	4
4	Spatial pattern of tree diversity and impacts of ecological disturbances on forest structure in tropical deciduous forests of Central India. Biotropica, 2022, 54, 1363-1375.	0.8	4
5	Analyzing urban damage and surface deformation based hazard-risk in Kathmandu city occurred during Nepal earthquake (2015) using SAR interferometry. Advances in Space Research, 2022, 70, 3892-3904.	1.2	9
6	Deforestation and Forests Degradation Impacts on the Environment. Water Science and Technology Library, 2022, , 19-46.	0.2	3
7	Vulnerability Assessment of the Indian Himalayan Forests in Terms of Biomass Production and Carbon Sequestration Potential in Changing Climatic Conditions. , 2022, , 147-161.		5
8	Population structure and regeneration status of Shorea robusta and associated trees in Sal forests of Ranchi, Eastern India. Tropical Ecology, 2021, 62, 34-51.	0.6	7
9	Lockdown to Contain the COVID-19 Pandemic: An Opportunity to Create a Less Polluted Environment in India. Aerosol and Air Quality Research, 2021, 21, 200229.	0.9	14
10	Modelling potentially suitable lac cultivation zones of Butea monosperma to promote livelihood security in rural India. Vegetos, 2021, 34, 630-637.	0.8	8
11	Vulnerability Assessment of the Indian Himalayan Forests in Terms of Biomass Production and Carbon Sequestration Potential in Changing Climatic Conditions. , 2021, , 1-15.		0
12	Spatio-temporal soil nutrient dynamics and plant species diversity in selected Sal forests of Ranchi, Eastern India. Vegetos, 2021, 34, 235-248.	0.8	3
13	Floristic analysis and dominance pattern of sal (Shorea robusta) forests in Ranchi, Jharkhand, eastern India. Journal of Forestry Research, 2020, 31, 415-427.	1.7	21
14	Efficient removal of arsenic using plastic waste char: Prevailing mechanism and sorption performance. Journal of Water Process Engineering, 2020, 33, 101095.	2.6	44
15	Major forests and plant species discrimination in Mudumalai forestÂregion using airborne hyperspectral sensing. Journal of Asia-Pacific Biodiversity, 2020, 13, 637-651.	0.2	15
16	Ecological niche modeling for assessing potential distribution of Pterocarpus marsupium Roxb. In Ranchi, eastern India. Ecological Research, 2020, 35, 1095-1105.	0.7	14
17	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12192-12200.	3.3	140
18	The dark cloud with a silver lining: Assessing the impact of the SARS COVID-19 pandemic on the global environment. Science of the Total Environment, 2020, 732, 139297.	3.9	163

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19	Evaluating the 2018 extreme flood hazard events in Kerala, India. Remote Sensing Letters, 2020, 11, 436-445.	0.6	60
20	Climate models predict a divergent future for the medicinal tree Boswellia serrata Roxb. in India. Global Ecology and Conservation, 2020, 23, e01040.	1.0	26
21	Climate Change Impacts and Implications: An Indian Perspective. Environmental Science and Engineering, 2020, , 11-30.	0.1	8
22	Role of Major Forest Biomes in Climate Change Mitigation: An Eco-Biological Perspective. Environmental Science and Engineering, 2020, , 483-526.	0.1	7
23	Forest Resources of Jharkhand, Eastern India: Socio-economic and Bio-ecological Perspectives. Environmental Science and Engineering, 2020, , 61-101.	0.1	19
24	Moso bamboo (Phyllostachys edulis (CarriÃ¨re) J.Houz.)â€“one of the most valuable bamboo species for phytoremediation. , 2020, , 245-258.		3
25	Wetlands Conservation and Restoration for Ecosystem Services and Halt Biodiversity Loss: An Indian Perspective. , 2020, , 75-85.		5
26	Tropical Legumes: Status, Distribution, Biology and Importance. , 2020, , 27-41.		4
27	Ecosystem-Based Adaptation to Climate Change and Disaster Risk Reduction in Eastern Himalayan Forests of Arunachal Pradesh, Northeast India. Disaster Resilience and Green Growth, 2020, , 391-408.	0.2	4
28	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. Nature, 2019, 569, 404-408.	13.7	371
29	Tree diversity assessment and above ground forests biomass estimation using SAR remote sensing: A case study of higher altitude vegetation of North-East Himalayas, India. Physics and Chemistry of the Earth, 2019, 111, 53-64.	1.2	25
30	Invasive Species and Their Impact on Tropical Forests of Central India: A Review. , 2019, , 69-109.		6
31	Phylogenetic diversity patterns in Himalayan forests reveal evidence for environmental filtering of distinct lineages. Ecosphere, 2018, 9, e02157.	1.0	30
32	Plant diversity patterns and conservation status of eastern Himalayan forests in Arunachal Pradesh, Northeast India. Forest Ecosystems, 2017, 4, .	1.3	47
33	Diversity, Uses and In vitro Propagation of Different Bamboos of Sonitpur District, Assam. Journal of Ecosystem & Ecography, 2016, 6, .	0.2	8
34	Biodiversity Status and Climate Change Scenario in Northeast India. Environmental Science and Engineering, 2016, , 107-120.	0.1	5
35	Tree Species Diversity and Its Population and Regeneration Status in Homegardens of Upper Assam, Northeast India. Journal of Forest and Environmental Science, 2016, 32, 129-139.	0.2	6
36	Ecological Features of Cultivated Stands ofAquilaria malaccensisLam. (Thymelaeaceae), a Vulnerable Tropical Tree Species in Assamese Homegardens. International Journal of Forestry Research, 2014, 2014, 1-16.	0.2	3

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37	Homegardens of upper Assam, northeast India: a typical example of on farm conservation of Agarwood (Aquilaria malaccensis Lam.). International Journal of Biodiversity Science, Ecosystem Services & Management, 2014, 10, 262-269.	2.9	15
38	Seedling survival and growth of Aquilaria malaccensis in different microclimatic conditions of northeast India. Journal of Forestry Research, 2012, 23, 569-574.	1.7	7
39	Floristic status of tropical deciduous forests in Odisha, Eastern India. Vegetos, 0, , 1.	0.8	0
40	Deforestation in India: Consequences and Sustainable Solutions. , 0, , .		19