

# Uttam kumar Sahoo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40  
papers

216  
citations

8  
h-index

13  
g-index

47  
ext. papers

376  
ext. citations

2.8  
avg, IF

4.12  
L-index

#	Paper	IF	Citations
40	Tree species diversity in relation to site quality and home gardens types of North-East India. <i>Agroforestry Systems</i> , <b>2022</b> , 96, 187-204	2	0
39	Oil palm agroforestry enhances crop yield and ecosystem carbon stock in northeast India: Implications for the United Nations sustainable development goals. <i>Sustainable Production and Consumption</i> , <b>2022</b> , 30, 478-487	8.2	1
38	Evaluation of ecosystem carbon storage in major forest types of Eastern Himalaya: Implications for carbon sink management. <i>Journal of Environmental Management</i> , <b>2022</b> , 302, 113972	7.9	2
37	Stability of soil organic carbon pools affected by land use and land cover changes in forests of eastern Himalayan region, India. <i>Catena</i> , <b>2022</b> , 215, 106308	5.8	0
36	Quantifying Tree Diversity, Carbon Stocks, and Sequestration Potential for Diverse Land Uses in Northeast India. <i>Frontiers in Environmental Science</i> , <b>2021</b> , 9,	4.8	4
35	Evaluating the Role of Community-Managed Forest in Carbon Sequestration and Climate Change Mitigation of Tripura, India. <i>Water, Air, and Soil Pollution</i> , <b>2021</b> , 232, 1	2.6	4
34	Changes in <i>Madhuca latifolia</i> Macbride seed oil content and quality upon storage at different duration and condition. <i>Vegetos</i> , <b>2021</b> , 34, 422-431	1.2	
33	Patterns and driving factors of biomass carbon and soil organic carbon stock in the Indian Himalayan region. <i>Science of the Total Environment</i> , <b>2021</b> , 770, 145292	10.2	17
32	<i>Parkia roxburghii</i> , an underutilized tree bean for food, nutritional and regional climate security. <i>Trees, Forests and People</i> , <b>2021</b> , 4, 100065	1.8	6
31	Plant biodiversity and carbon sequestration potential of the planted forest in Brahmaputra flood plains. <i>Journal of Environmental Management</i> , <b>2021</b> , 280, 111671	7.9	9
30	Biomass estimation models, biomass storage and ecosystem carbon stock in sweet orange orchards: Implications for land use management. <i>Acta Ecologica Sinica</i> , <b>2021</b> , 41, 57-63	2.7	2
29	Tree species composition, diversity and soil organic carbon stock in homegardens and shifting cultivation fallows of Mizoram, Northeast India. <i>Vegetos</i> , <b>2021</b> , 34, 220-228	1.2	6
28	Agroforestry land suitability analysis in the Eastern Indian Himalayan region. <i>Environmental Challenges</i> , <b>2021</b> , 4, 100199	2.6	9
27	A critical review of forest biomass estimation equations in India. <i>Trees, Forests and People</i> , <b>2021</b> , 5, 100098	1.8	6
26	Regeneration Potential of Forest Vegetation of Churdhar Wildlife Sanctuary of India: Implication for Forest Management. <i>Water, Air, and Soil Pollution</i> , <b>2021</b> , 232, 1	2.6	1
25	Forests litter dynamics and environmental patterns in the Indian Himalayan region. <i>Forest Ecology and Management</i> , <b>2021</b> , 499, 119612	3.9	5
24	Vegetation and ecosystem carbon recovery following shifting cultivation in Mizoram-Manipur-Kachin rainforest eco-region, Southern Asia. <i>Ecological Processes</i> , <b>2020</b> , 9,	3.6	7

23	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239906	3.7	6
22	PROVENANCE VARIATIONS OF MORPHOMETRIC TRAITS AND OIL CONTENTS OF <i>Madhuca latifolia</i> MACBRIDE IN ODISHA: IMPLICATION FOR TREE IMPROVEMENT. <i>Journal of Experimental Biology and Agricultural Sciences</i> , <b>2020</b> , 8, 224-232	0.6	
21	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India <b>2020</b> , 15, e0239906		
20	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India <b>2020</b> , 15, e0239906		
19	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India <b>2020</b> , 15, e0239906		
18	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India <b>2020</b> , 15, e0239906		
17	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India <b>2020</b> , 15, e0239906		
16	Pattern of forest recovery and carbon stock following shifting cultivation in Manipur, North-East India <b>2020</b> , 15, e0239906		
15	Developing tree volume equation for <i>Parkia timoriana</i> grown in home gardens and shifting cultivation areas of North-East India. <i>Forests Trees and Livelihoods</i> , <b>2019</b> , 28, 227-239	1.4	7
14	Allometric Models for Estimation of Forest Biomass in North East India. <i>Forests</i> , <b>2019</b> , 10, 103	2.8	26
13	Active and passive soil organic carbon pools as affected by different land use types in Mizoram, Northeast India. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219969	3.7	35
12	EFFECT OF AGROCLIMATE ON SEED AND SEEDLING TRAITS OF TREE BEAN ( <i>Parkia timoriana</i> (DC) Merr.) IN NORTH EAST INDIA. <i>Indonesian Journal of Forestry Research</i> , <b>2019</b> , 6, 17-26	0.2	2
11	Soil organic carbon stock of different land uses of Mizoram, Northeast India. <i>AIMS Geosciences</i> , <b>2019</b> , 5, 25-40	1.6	7
10	Spatial and temporal dynamics of shifting cultivation in Manipur, Northeast India based on time-series satellite data. <i>Remote Sensing Applications: Society and Environment</i> , <b>2019</b> , 14, 126-137	2.8	7
9	A Geospatial Approach to Understand the Dynamics of Shifting Cultivation in Champhai District of Mizoram, North-East India <b>2018</b> , 46, 1713-1723		8
8	Effect of Land Use Changes on Carbon Stock Dynamics in Major Land Use Sectors of Mizoram, Northeast India. <i>Journal of Environmental Protection</i> , <b>2018</b> , 09, 1262-1285	0.6	4
7	Assessment of Growth, Carbon Stock and Sequestration Potential of Oil Palm Plantations in Mizoram, Northeast India. <i>Journal of Environmental Protection</i> , <b>2018</b> , 09, 912-931	0.6	10
6	Forest Dwellers' Perception on Climate Change and Their Adaptive Strategies to Withstand Impacts in Mizoram, North-East India. <i>Journal of Environmental Protection</i> , <b>2018</b> , 09, 1372-1392	0.6	1

5	Impact of anthropogenic disturbance on species diversity and vegetation structure of a lowland tropical rainforest of eastern Himalaya, India. <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 2453-2465	2.1	13
4	Effectiveness of Neem ( <i>Azadirachta indica</i> A. Juss) Oil against Decay Fungi. <i>Science &amp; Technology Journal</i> , <b>2017</b> , 5, 48-51	1	3
3	Effects of different pre-treatments and germination media on seed germination and seedling growth of <i>Parkia timoriana</i> (DC.) Merr. <i>Journal of Experimental Biology and Agricultural Sciences</i> , <b>2017</b> , 5, 98-105	0.6	1
2	Ethnic homestead forests of North-East India revealed as diverse land-use systems. <i>Agroforestry Systems</i> , 1	2	5
1	Leaf Litter Decomposition and Nutrient Release Dynamics of <i>Flemingia semialata</i> Roxb. - A Potential Woody Perennial Species for Mountain Agroforestry. <i>Journal of Sustainable Forestry</i> , 1-15	1.2	0