Rajiv Pandey, Icfre

List of Publications by Year
in descending order

73 papers	2,207 citations	201385 27 h-index	243296 44 g-index
76 all docs	76 docs citations	76 times ranked	1430 citing authors

#	Article	IF	Citations
1	Climate vulnerability index - measure of climate change vulnerability to communities: a case of rural Lower Himalaya, India. Mitigation and Adaptation Strategies for Global Change, 2012, 17, 487-506.	1.0	191
2	Sustainable livelihood framework-based indicators for assessing climate change vulnerability and adaptation for Himalayan communities. Ecological Indicators, 2017, 79, 338-346.	2.6	186
3	The Multidimensional Livelihood Vulnerability Index â€“ an instrument to measure livelihood vulnerability to change in the Hindu Kush Himalayas. Climate and Development, 2017, 9, 124-140.	2.2	116
4	Climate change adaptation in the western-Himalayas: Household level perspectives on impacts and barriers. Ecological Indicators, 2018, 84, 27-37.	2.6	113
5	Assessing the vulnerability of socio-environmental systems to climate change along an altitude gradient in the Indian Himalayas. Ecological Indicators, 2019, 106, 105512.	2.6	95
6	Mapping socio-environmental vulnerability to climate change in different altitude zones in the Indian Himalayas. Ecological Indicators, 2020, 109, 105787.	2.6	93
7	Assessing vulnerability of forest ecosystem in the Indian Western Himalayan region using trends of net primary productivity. Biodiversity and Conservation, 2019, 28, 2163-2182.	1.2	79
8	Forest soil nutrient stocks along altitudinal range of Uttarakhand Himalayas: An aid to Nature Based Climate Solutions. Catena, 2021, 207, 105667.	2.2	75
9	Climate change vulnerability and adaptation strategies for smallholder farmers in Yangi Qala District, Takhar, Afghanistan. Ecological Indicators, 2020, 110, 105863.	2.6	65
10	Agroecology as a Climate Change Adaptation Strategy for Smallholders of Tehri-Garhwal in the Indian Himalayan Region. Small-Scale Forestry, 2017, 16, 53-63.	0.7	60
11	Mapping the effect of climate change on community livelihood vulnerability in the riparian region of Gangatic Plain, India. Ecological Indicators, 2020, 119, 106815.	2.6	58
12	Climate change vulnerability in urban slum communities: Investigating household adaptation and decision-making capacity in the Indian Himalaya. Ecological Indicators, 2018, 90, 379-391.	2.6	57
13	Mountain specific multi-hazard risk management framework (MSMRMF): Assessment and mitigation of multi-hazard and climate change risk in the Indian Himalayan Region. Ecological Indicators, 2020, 118, 106700.	2.6	56
14	Anthropogenic disturbances and their impact on vegetation in Western Himalaya, India. Journal of Mountain Science, 2016, 13, 69-82.	0.8	55
15	Long term trend analysis and suitability of water quality of River Ganga at Himalayan hills of Uttarakhand, India. Environmental Technology and Innovation, 2021, 22, 101405.	3.0	52
16	Assessing forest cover vulnerability in Uttarakhand, India using analytical hierarchy process. Modeling Earth Systems and Environment, 2020, 6, 821-831.	1.9	48
17	Assessment of bio-physical, social and economic drivers for forest transition in Asia-Pacific region. Forest Policy and Economics, 2017, 76, 35-44.	1.5	46
18	Rural development program in tribal region: A protocol for adaptation and addressing climate change vulnerability. Journal of Rural Studies, 2017, 51, 151-157.	2.1	45

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19	Associations of plant functional diversity with carbon accumulation in a temperate forest ecosystem in the Indian Himalayas. Ecological Indicators, 2019, 98, 861-868.	2.6	44
20	Assessing climate change vulnerability of water at household level. Mitigation and Adaptation Strategies for Global Change, 2015, 20, 1471-1485.	1.0	41
21	Empirical assessment of adaptation to climate change impacts of mountain households: development and application of an Adaptation Capability Index. Journal of Mountain Science, 2016, 13, 1503-1514.	0.8	41
22	Assessing tree diversity and carbon storage during land use transitioning from shifting cultivation to indigenous agroforestry systems: Implications for REDD+ initiatives. Journal of Environmental Management, 2021, 298, 113470.	3.8	41
23	Micro-level adaptation strategies by smallholders to adapt climate change in the least developed countries (LDCs): Insights from Afghanistan. Ecological Indicators, 2020, 118, 106781.	2.6	33
24	Biomass and soil carbon along altitudinal gradients in temperate Cedrus deodara forests in Central Himalaya, India: Implications for climate change mitigation. Ecological Indicators, 2020, 111, 106025.	2.6	33
25	Climate change vulnerability assessment of urban informal settlers in Nepal, a least developed country. Journal of Cleaner Production, 2021, 307, 127213.	4.6	33
26	Emission Removal Capability of Indiaâ€™s Forest and Tree Cover. Small-Scale Forestry, 2012, 11, 61-72.	0.7	32
27	Agroforestry land suitability analysis in the Eastern Indian Himalayan region. Environmental Challenges, 2021, 4, 100199.	2.0	32
28	Nature rejuvenation: Long-term (1989â€“2016) vs short-term memory approach based appraisal of water quality of the upper part of Ganga River, India. Environmental Technology and Innovation, 2020, 20, 101164.	3.0	27
29	Relative contribution of plant traits and soil properties to the functioning of a temperate forest ecosystem in the Indian Himalayas. Catena, 2020, 194, 104671.	2.2	24
30	Predicting litter decomposition rate for temperate forest tree species by the relative contribution of green leaf and litter traits in the Indian Himalayas region. Ecological Indicators, 2020, 119, 106827.	2.6	22
31	Factors Influencing Farmersâ€™ Decisions to Plant Trees on Their Farms in Uttar Pradesh, India. Small-Scale Forestry, 2015, 14, 301-313.	0.7	19
32	Nexus between indigenous ecological knowledge and ecosystem services: a socio-ecological analysis for sustainable ecosystem management. Environmental Science and Pollution Research, 2022, 29, 61561-61578.	2.7	16
33	Assessment of leaf morphological, physiological, chemical and stoichiometry functional traits for understanding the functioning of Himalayan temperate forest ecosystem. Scientific Reports, 2021, 11, 23807.	1.6	16
34	Soil organic carbon estimation along an altitudinal gradient of chir pine forests in the Garhwal Himalaya, India: A field inventory to remote sensing approach. Land Degradation and Development, 2022, 33, 3387-3400.	1.8	15
35	Resource Availability Versus Resource Extraction in Forests: Analysis of Forest Fodder System in Forest Density Classes in Lower Himalayas, India. Small-Scale Forestry, 2014, 13, 267-279.	0.7	14
36	Socio-ecological Vulnerability of Smallholders due to Climate Change in Mountains: Agroforestry as an Adaptation Measure. Change and Adaptation in Socio-Ecological Systems, 2015, 2, .	1.5	14

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37	Whose voices, whose choices? Pursuing climate resilient trajectories for the poor. Environmental Science and Policy, 2021, 121, 18-23.	2.4	14
38	Contribution of Cedrus deodara forests for climate mitigation along altitudinal gradient in Garhwal Himalaya, India. Mitigation and Adaptation Strategies for Global Change, 2021, 26, 1.	1.0	14
39	Above-And Below-Ground Biomass Production in Pinus roxburghii Forests along Altitudes in Garhwal Himalaya, India. Current Science, 2019, 116, 1506.	0.4	13
40	Particulate Matter Emissions From Domestic Biomass Burning in a Rural Tribal Location in the Lower Himalayas in India: Concern Over Climate Change. Small-Scale Forestry, 2012, 11, 185-192.	0.7	12
41	Importance-performance analysis of ecosystem services in tribal communities of the Barind region, Eastern India. Ecosystem Services, 2022, 55, 101431.	2.3	11
42	Mitigation potential of important farm and forest trees: a potentiality for clean development mechanism afforestation reforestation (CDM A R) project and reducing emissions from deforestation and degradation, along with conservation and enhancement of carbon stocks (REDD+). Mitigation and Adaptation Strategies for Global Change, 2016, 21, 225-232.	1.0	10
43	Vegetation Characteristics Based Climate Change Vulnerability Assessment of Temperate Forests of Western Himalaya. Forests, 2022, 13, 848.	0.9	10
44	Domestic Burning of Fuelwood in a Subsistence Tribal Economy of Lower Himalayas, India: Some Implications Based on Exploratory Analysis. Small-Scale Forestry, 2012, 11, 119-130.	0.7	9
45	Effects of ambient climate and three warming treatments on fruit production in an alpine, subarctic meadow community. American Journal of Botany, 2021, 108, 411-422.	0.8	9
46	The role of information infrastructure for climate change adaptation in the socio-ecological system of the Central Himalaya: availability, utility, and gaps. Socio-Ecological Practice Research, 2021, 3, 397-410.	0.9	9
47	Biomass models for estimating carbon storage in Areca palm plantations. Environmental and Sustainability Indicators, 2021, 10, 100115.	1.7	8
48	Climate change water vulnerability and adaptation mechanism in a Himalayan City, Nainital, India. Environmental Science and Pollution Research, 2022, 29, 85904-85921.	2.7	8
49	Community perspectives on conservation of water sources in Tarkeshwar sacred groves, Himalaya, India. Water Science and Technology: Water Supply, 0, , .	1.0	7
50	Forest biomass extraction for livestock feed and associated carbon analysis in lower Himalayas, India. Mitigation and Adaptation Strategies for Global Change, 2011, 16, 879-888.	1.0	6
51	River rafting in mountainous regions of Uttarakhand: Impacts, suggested mitigation measures and sustainability. Journal of Mountain Science, 2012, 9, 511-522.	0.8	6
52	Differentiation of diploxylon and haploxylon pines in spatial distribution, and adaptational traits. Acta Ecologica Sinica, 2023, 43, 1-10.	0.9	6
53	Regression Equations for Estimating Tree Volume and Biomass of Important Timber Species in Meghalaya, India. Current Science, 2019, 116, 75.	0.4	6
54	Landsat-based multi-decadal spatio-temporal assessment of the vegetation greening and browning trend in the Eastern Indian Himalayan Region. Remote Sensing Applications: Society and Environment, 2022, 25, 100695.	0.8	6

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55	Exploring nexus between ecosystem services and livelihood dependency for sustainable ecosystem management in lower Gangetic plains, Eastern India. Environmental Science and Pollution Research, 2022, 29, 63692-63708.	2.7	6
56	Vertical root distribution in Himalayan trees: about half of roots occur below 30Âcm, the generally sampled depth. Tropical Ecology, 2021, 62, 479-491.	0.6	5
57	Assessment of Biomass Yield, Essential Oil and Î²-asarone content ofAcorus calamusL. Intercropped withMorus albaL.. Journal of Essential Oil-bearing Plants: JEOP, 2013, 16, 763-770.	0.7	4
58	Carbon Inventory Methods in Indian Forests - A Review. International Journal of Agriculture and Forestry (Print), 2012, 2, 315-323.	1.0	4
59	Ecosystem Services Analysis and Design through Nature-Based Solutions in Urban Planning at a Neighbourhood Scale. Urban Science, 2022, 6, 23.	1.1	4
60	An Overview of the functioning of Temperate Forest Ecosystems with Particular Reference to Himalayan Temperate Forest. Trees, Forests and People, 2022, 8, 100230.	0.8	4
61	Fuelwood and fodder consumption patterns among agroforestry-practicing smallholder farmers of the lower Himalayas, India. Environment, Development and Sustainability, 2022, 24, 5594-5613.	2.7	3
62	Simple Unbalanced Ranked Set Sampling for Mean Estimation of Response Variable of Developmental Programs. Journal of Modern Applied Statistical Methods, 2018, 17, .	0.2	3
63	Indices for Measuring Forest Ecosystem Goods and Services Contribution to the Rural Community: A Tool for Informed Decisions. Journal of Environmental Professionals Sri Lanka, 2013, 1, 58.	0.2	3
64	Influence of different treatments and techniques on rooting behaviour of Rhododendron arboreum Sm. In Indian Himalayas. Acta Ecologica Sinica, 2021, 41, 332-335.	0.9	2
65	Variation in specific gravity and carbon proportion of agroforestry tree species of Himalaya. Environmental Challenges, 2021, 4, 100156.	2.0	2
66	Biomass loss in village ecosystems in Western Himalaya due to wild monkey interactions: A case study. Environmental Challenges, 2021, 4, 100085.	2.0	2
67	Carbon stock loss of Chir pine forest through tree felling in Lower Himalaya.. Environmental Risk Assessment and Remediation, 2017, 01, .	0.4	2
68	HPTLC Method Development and Analysis of Bioactive Marker Shatavarin IV inAsparagus racemosusIntercropped withMorus alba. Analytical Chemistry Letters, 2013, 3, 125-138.	0.4	1
69	Evaluating Performance of Boneh-Shaw Finger Printing Codes under Minority Value Collusion Attacks. , 2020, , .		1
70	Generalized Ratio-Cum-Product Type Estimator of Finite Population Mean in Double Sampling for Stratification. Communications for Statistical Applications and Methods, 2015, 22, 255-264.	0.1	1
71	Ratio-Cum-Product Type Estimator of Finite Population Mean in Case of Post Stratification. Mathematical Sciences Letters, 2016, 5, 103-106.	0.7	1
72	Impact of ambient temperature, precipitation and seven years of experimental warming and nutrient addition on fruit production in an alpine heath and meadow community. Science of the Total Environment, 2022, 836, 155450.	3.9	1

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73	TLC-DENSITOMETRIC EVALUATION OF THREE MAJOR BIOACTIVE DITERPENE LACTONES IN ANDROGRAPHIS PANICULATA INTERCROPPED WITH MORUS ALBA. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 2258-2274.	0.5	0