

Rajiv Pandey, Icfre

List of Publications by Year in descending order

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Version: 2024-02-01

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	Differentiation of diploxylon and haploxylon pines in spatial distribution, and adaptational traits. <i>Acta Ecologica Sinica</i> , 2023, 43, 1-10.	0.9	6
2	Climate change water vulnerability and adaptation mechanism in a Himalayan City, Nainital, India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85904-85921.	2.7	8
3	Fuelwood and fodder consumption patterns among agroforestry-practicing smallholder farmers of the lower Himalayas, India. <i>Environment, Development and Sustainability</i> , 2022, 24, 5594-5613.	2.7	3
4	Nexus between indigenous ecological knowledge and ecosystem services: a socio-ecological analysis for sustainable ecosystem management. <i>Environmental Science and Pollution Research</i> , 2022, 29, 61561-61578.	2.7	16
5	Landsat-based multi-decadal spatio-temporal assessment of the vegetation greening and browning trend in the Eastern Indian Himalayan Region. <i>Remote Sensing Applications: Society and Environment</i> , 2022, 25, 100695.	0.8	6
6	Ecosystem Services Analysis and Design through Nature-Based Solutions in Urban Planning at a Neighbourhood Scale. <i>Urban Science</i> , 2022, 6, 23.	1.1	4
7	An Overview of the functioning of Temperate Forest Ecosystems with Particular Reference to Himalayan Temperate Forest. <i>Trees, Forests and People</i> , 2022, 8, 100230.	0.8	4
8	Exploring nexus between ecosystem services and livelihood dependency for sustainable ecosystem management in lower Gangetic plains, Eastern India. <i>Environmental Science and Pollution Research</i> , 2022, 29, 63692-63708.	2.7	6
9	Importance-performance analysis of ecosystem services in tribal communities of the Barind region, Eastern India. <i>Ecosystem Services</i> , 2022, 55, 101431.	2.3	11
10	Impact of ambient temperature, precipitation and seven years of experimental warming and nutrient addition on fruit production in an alpine heath and meadow community. <i>Science of the Total Environment</i> , 2022, 836, 155450.	3.9	1
11	Vegetation Characteristics Based Climate Change Vulnerability Assessment of Temperate Forests of Western Himalaya. <i>Forests</i> , 2022, 13, 848.	0.9	10
12	Soil organic carbon estimation along an altitudinal gradient of chir pine forests in the Garhwal Himalaya, India: A field inventory to remote sensing approach. <i>Land Degradation and Development</i> , 2022, 33, 3387-3400.	1.8	15
13	Effects of ambient climate and three warming treatments on fruit production in an alpine, subarctic meadow community. <i>American Journal of Botany</i> , 2021, 108, 411-422.	0.8	9
14	Vertical root distribution in Himalayan trees: about half of roots occur below 30 cm, the generally sampled depth. <i>Tropical Ecology</i> , 2021, 62, 479-491.	0.6	5
15	Long term trend analysis and suitability of water quality of River Ganga at Himalayan hills of Uttarakhand, India. <i>Environmental Technology and Innovation</i> , 2021, 22, 101405.	3.0	52
16	Biomass models for estimating carbon storage in Areca palm plantations. <i>Environmental and Sustainability Indicators</i> , 2021, 10, 100115.	1.7	8
17	Climate change vulnerability assessment of urban informal settlers in Nepal, a least developed country. <i>Journal of Cleaner Production</i> , 2021, 307, 127213.	4.6	33
18	Whose voices, whose choices? Pursuing climate resilient trajectories for the poor. <i>Environmental Science and Policy</i> , 2021, 121, 18-23.	2.4	14

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19	Influence of different treatments and techniques on rooting behaviour of <i>Rhododendron arboreum</i> Sm. In Indian Himalayas. <i>Acta Ecologica Sinica</i> , 2021, 41, 332-335.	0.9	2
20	Variation in specific gravity and carbon proportion of agroforestry tree species of Himalaya. <i>Environmental Challenges</i> , 2021, 4, 100156.	2.0	2
21	Agroforestry land suitability analysis in the Eastern Indian Himalayan region. <i>Environmental Challenges</i> , 2021, 4, 100199.	2.0	32
22	Biomass loss in village ecosystems in Western Himalaya due to wild monkey interactions: A case study. <i>Environmental Challenges</i> , 2021, 4, 100085.	2.0	2
23	Assessing tree diversity and carbon storage during land use transitioning from shifting cultivation to indigenous agroforestry systems: Implications for REDD+ initiatives. <i>Journal of Environmental Management</i> , 2021, 298, 113470.	3.8	41
24	Forest soil nutrient stocks along altitudinal range of Uttarakhand Himalayas: An aid to Nature Based Climate Solutions. <i>Catena</i> , 2021, 207, 105667.	2.2	75
25	Contribution of <i>Cedrus deodara</i> forests for climate mitigation along altitudinal gradient in Garhwal Himalaya, India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2021, 26, 1.	1.0	14
26	The role of information infrastructure for climate change adaptation in the socio-ecological system of the Central Himalaya: availability, utility, and gaps. <i>Socio-Ecological Practice Research</i> , 2021, 3, 397-410.	0.9	9
27	Assessment of leaf morphological, physiological, chemical and stoichiometry functional traits for understanding the functioning of Himalayan temperate forest ecosystem. <i>Scientific Reports</i> , 2021, 11, 23807.	1.6	16
28	Mapping socio-environmental vulnerability to climate change in different altitude zones in the Indian Himalayas. <i>Ecological Indicators</i> , 2020, 109, 105787.	2.6	93
29	Climate change vulnerability and adaptation strategies for smallholder farmers in Yangi Qala District, Takhar, Afghanistan. <i>Ecological Indicators</i> , 2020, 110, 105863.	2.6	65
30	Assessing forest cover vulnerability in Uttarakhand, India using analytical hierarchy process. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 821-831.	1.9	48
31	Nature rejuvenation: Long-term (1989–2016) vs short-term memory approach based appraisal of water quality of the upper part of Ganga River, India. <i>Environmental Technology and Innovation</i> , 2020, 20, 101164.	3.0	27
32	Mapping the effect of climate change on community livelihood vulnerability in the riparian region of Gangatic Plain, India. <i>Ecological Indicators</i> , 2020, 119, 106815.	2.6	58
33	Mountain specific multi-hazard risk management framework (MSMRMF): Assessment and mitigation of multi-hazard and climate change risk in the Indian Himalayan Region. <i>Ecological Indicators</i> , 2020, 118, 106700.	2.6	56
34	Micro-level adaptation strategies by smallholders to adapt climate change in the least developed countries (LDCs): Insights from Afghanistan. <i>Ecological Indicators</i> , 2020, 118, 106781.	2.6	33
35	Predicting litter decomposition rate for temperate forest tree species by the relative contribution of green leaf and litter traits in the Indian Himalayas region. <i>Ecological Indicators</i> , 2020, 119, 106827.	2.6	22
36	Evaluating Performance of Boneh-Shaw Finger Printing Codes under Minority Value Collusion Attacks. , 2020, , .		1

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37	Relative contribution of plant traits and soil properties to the functioning of a temperate forest ecosystem in the Indian Himalayas. <i>Catena</i> , 2020, 194, 104671.	2.2	24
38	Biomass and soil carbon along altitudinal gradients in temperate <i>Cedrus deodara</i> forests in Central Himalaya, India: Implications for climate change mitigation. <i>Ecological Indicators</i> , 2020, 111, 106025.	2.6	33
39	Assessing the vulnerability of socio-environmental systems to climate change along an altitude gradient in the Indian Himalayas. <i>Ecological Indicators</i> , 2019, 106, 105512.	2.6	95
40	Assessing vulnerability of forest ecosystem in the Indian Western Himalayan region using trends of net primary productivity. <i>Biodiversity and Conservation</i> , 2019, 28, 2163-2182.	1.2	79
41	Associations of plant functional diversity with carbon accumulation in a temperate forest ecosystem in the Indian Himalayas. <i>Ecological Indicators</i> , 2019, 98, 861-868.	2.6	44
42	Regression Equations for Estimating Tree Volume and Biomass of Important Timber Species in Meghalaya, India. <i>Current Science</i> , 2019, 116, 75.	0.4	6
43	Above-And Below-Ground Biomass Production in <i>Pinus roxburghii</i> Forests along Altitudes in Garhwal Himalaya, India. <i>Current Science</i> , 2019, 116, 1506.	0.4	13
44	Climate change vulnerability in urban slum communities: Investigating household adaptation and decision-making capacity in the Indian Himalaya. <i>Ecological Indicators</i> , 2018, 90, 379-391.	2.6	57
45	Climate change adaptation in the western-Himalayas: Household level perspectives on impacts and barriers. <i>Ecological Indicators</i> , 2018, 84, 27-37.	2.6	113
46	Simple Unbalanced Ranked Set Sampling for Mean Estimation of Response Variable of Developmental Programs. <i>Journal of Modern Applied Statistical Methods</i> , 2018, 17, .	0.2	3
47	The Multidimensional Livelihood Vulnerability Index “an instrument to measure livelihood vulnerability to change in the Hindu Kush Himalayas. <i>Climate and Development</i> , 2017, 9, 124-140.	2.2	116
48	Rural development program in tribal region: A protocol for adaptation and addressing climate change vulnerability. <i>Journal of Rural Studies</i> , 2017, 51, 151-157.	2.1	45
49	Sustainable livelihood framework-based indicators for assessing climate change vulnerability and adaptation for Himalayan communities. <i>Ecological Indicators</i> , 2017, 79, 338-346.	2.6	186
50	Agroecology as a Climate Change Adaptation Strategy for Smallholders of Tehri-Garhwal in the Indian Himalayan Region. <i>Small-Scale Forestry</i> , 2017, 16, 53-63.	0.7	60
51	Assessment of bio-physical, social and economic drivers for forest transition in Asia-Pacific region. <i>Forest Policy and Economics</i> , 2017, 76, 35-44.	1.5	46
52	Carbon stock loss of Chir pine forest through tree felling in Lower Himalaya.. <i>Environmental Risk Assessment and Remediation</i> , 2017, 01, .	0.4	2
53	Empirical assessment of adaptation to climate change impacts of mountain households: development and application of an Adaptation Capability Index. <i>Journal of Mountain Science</i> , 2016, 13, 1503-1514.	0.8	41
54	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+). <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 225-232.	1.0	10

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55	Anthropogenic disturbances and their impact on vegetation in Western Himalaya, India. <i>Journal of Mountain Science</i> , 2016, 13, 69-82.	0.8	55
56	Ratio-Cum-Product Type Estimator of Finite Population Mean in Case of Post Stratification. <i>Mathematical Sciences Letters</i> , 2016, 5, 103-106.	0.7	1
57	Socio-ecological Vulnerability of Smallholders due to Climate Change in Mountains: Agroforestry as an Adaptation Measure. <i>Change and Adaptation in Socio-Ecological Systems</i> , 2015, 2, .	1.5	14
58	Factors Influencing Farmers's Decisions to Plant Trees on Their Farms in Uttar Pradesh, India. <i>Small-Scale Forestry</i> , 2015, 14, 301-313.	0.7	19
59	Assessing climate change vulnerability of water at household level. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 1471-1485.	1.0	41
60	Generalized Ratio-Cum-Product Type Estimator of Finite Population Mean in Double Sampling for Stratification. <i>Communications for Statistical Applications and Methods</i> , 2015, 22, 255-264.	0.1	1
61	Resource Availability Versus Resource Extraction in Forests: Analysis of Forest Fodder System in Forest Density Classes in Lower Himalayas, India. <i>Small-Scale Forestry</i> , 2014, 13, 267-279.	0.7	14
62	TLC-DENSITOMETRIC EVALUATION OF THREE MAJOR BIOACTIVE DITERPENE LACTONES IN ANDROGRAPHIS PANICULATA INTERCROPPED WITH MORUS ALBA. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014, 37, 2258-2274.	0.5	0
63	Assessment of Biomass Yield, Essential Oil and β -asarone content of <i>Acorus calamus</i> L. Intercropped with <i>Morus alba</i> L.. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2013, 16, 763-770.	0.7	4
64	HPTLC Method Development and Analysis of Bioactive Marker Shatavarin IV in <i>Asparagus racemosus</i> Intercropped with <i>Morus alba</i> . <i>Analytical Chemistry Letters</i> , 2013, 3, 125-138.	0.4	1
65	Indices for Measuring Forest Ecosystem Goods and Services Contribution to the Rural Community: A Tool for Informed Decisions. <i>Journal of Environmental Professionals Sri Lanka</i> , 2013, 1, 58.	0.2	3
66	Climate vulnerability index - measure of climate change vulnerability to communities: a case of rural Lower Himalaya, India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2012, 17, 487-506.	1.0	191
67	River rafting in mountainous regions of Uttarakhand: Impacts, suggested mitigation measures and sustainability. <i>Journal of Mountain Science</i> , 2012, 9, 511-522.	0.8	6
68	Emission Removal Capability of India's Forest and Tree Cover. <i>Small-Scale Forestry</i> , 2012, 11, 61-72.	0.7	32
69	Domestic Burning of Fuelwood in a Subsistence Tribal Economy of Lower Himalayas, India: Some Implications Based on Exploratory Analysis. <i>Small-Scale Forestry</i> , 2012, 11, 119-130.	0.7	9
70	Particulate Matter Emissions From Domestic Biomass Burning in a Rural Tribal Location in the Lower Himalayas in India: Concern Over Climate Change. <i>Small-Scale Forestry</i> , 2012, 11, 185-192.	0.7	12
71	Carbon Inventory Methods in Indian Forests - A Review. <i>International Journal of Agriculture and Forestry (Print)</i> , 2012, 2, 315-323.	1.0	4
72	Forest biomass extraction for livestock feed and associated carbon analysis in lower Himalayas, India. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 879-888.	1.0	6

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73	Community perspectives on conservation of water sources in Tarkeshwar sacred groves, Himalaya, India. <i>Water Science and Technology: Water Supply</i> , 0, , .	1.0	7