Juha M Alatalo

List of Publications by Citations

170 papers	6,001 citations	32 h-index	74 g-index
192 ext. papers	7,632 ext. citations	5 avg, IF	5.91 L-index

#	Paper	IF	Citations
170	Plant community responses to experimental warming across the tundra biome. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 1342-6	11.5	933
169	Global assessment of experimental climate warming on tundra vegetation: heterogeneity over space and time. *Ecology Letters*, **2012**, 15, 164-75	10	616
168	Responses of Tundra Plants to Experimental Warming: Meta-Analysis of the International Tundra Experiment. *Ecological Monographs*, **1999**, 69, 491	9	485
167	Global negative vegetation feedback to climate warming responses of leaf litter decomposition rates in cold biomes. *Ecology Letters*, **2007**, 10, 619-27	10	328
166	Global change and arctic ecosystems: is lichen decline a function of increases in vascular plant biomass?. *Journal of Ecology*, **2001**, 89, 984-994	6	321
165	Plant functional trait change across a warming tundra biome. *Nature*, **2018**, 562, 57-62	50.4	264
164	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	3.9	141
163	Early stage litter decomposition across biomes. *Science of the Total Environment*, **2018**, 628-629, 1369-1394	5.2	117
162	Sustainable livelihood framework-based indicators for assessing climate change vulnerability and adaptation for Himalayan communities. *Ecological Indicators*, **2017**, 79, 338-346	5.8	110
161	RESPONSES OF TUNDRA PLANTS TO EXPERIMENTAL WARMING:META-ANALYSIS OF THE INTERNATIONAL TUNDRA EXPERIMENT. *Ecological Monographs*, **1999**, 69, 491-511	9	103
160	New ecological redline policy (ERP) to secure ecosystem services in China. *Land Use Policy*, **2016**, 55, 348-351	3.1	101
159	Quantifying ecosystem services supply and demand shortfalls and mismatches for management optimisation. *Science of the Total Environment*, **2019**, 650, 1426-1439	10.2	85
158	Effects of temperature and date of snowmelt on growth, reproduction, and flowering phenology in the arctic/alpine herb, Ranunculus glacialis. *Oecologia*, **2002**, 133, 168-175	2.9	79
157	The Multidimensional Livelihood Vulnerability Index an instrument to measure livelihood vulnerability to change in the Hindu Kush Himalayas. *Climate and Development*, **2017**, 9, 124-140	4.4	77
156	Asynchrony among local communities stabilises ecosystem function of metacommunities. *Ecology Letters*, **2017**, 20, 1534-1545	10	72
155	Global change effects on plant communities are magnified by time and the number of global change factors imposed. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 17867-17873	11.5	69
154	Indicators for spatial-temporal comparisons of ecosystem service status between regions: A case study of the Taihu River Basin, China. *Ecological Indicators*, **2016**, 60, 1008-1016	5.8	67

153	Response to simulated climatic change in an alpine and subarctic pollen-risk strategist, Silene acaulis. *Global Change Biology*, **1997**, 3, 74-79	11.4	64
152	Climate change adaptation in the western-Himalayas: Household level perspectives on impacts and barriers. *Ecological Indicators*, **2018**, 84, 27-37	5.8	63
151	Plant community responses to 5 years of simulated climate change in meadow and heath ecosystems at a subarctic-alpine site. *Oecologia*, **2009**, 161, 601-10	2.9	58
150	China's ecological civilization program: Implementing ecological redline policy. *Land Use Policy*, **2019**, 81, 111-114	5.6	52
149	Assessing the vulnerability of socio-environmental systems to climate change along an altitude gradient in the Indian Himalayas. *Ecological Indicators*, **2019**, 106, 105512	5.8	51
148	SoilTemp: A global database of near-surface temperature. *Global Change Biology*, **2020**, 26, 6616-6629	11.4	47
147	Background invertebrate herbivory on dwarf birch (Betula glandulosa-nana complex) increases with temperature and precipitation across the tundra biome. *Polar Biology*, **2017**, 40, 2265-2278	2	37
146	Agroecology as a Climate Change Adaptation Strategy for Smallholders of Tehri-Garhwal in the Indian Himalayan Region. *Small-Scale Forestry*, **2017**, 16, 53-63	1.2	37
145	Climate change vulnerability and adaptation strategies for smallholder farmers in Yangi Qala District, Takhar, Afghanistan. *Ecological Indicators*, **2020**, 110, 105863	5.8	37
144	Scale effects on the relationships between land characteristics and ecosystem services- a case study in Taihu Lake Basin, China. *Science of the Total Environment*, **2020**, 716, 137083	10.2	35
143	Process development for the production of bioethanol from waste algal biomass of Gracilaria verrucosa. *Bioresource Technology*, **2016**, 220, 584-589	11	35
142	Bryophyte and Lichen Diversity Under Simulated Environmental Change Compared with Observed Variation in Unmanipulated Alpine Tundra. *Biodiversity and Conservation*, **2006**, 15, 4453-4475	3.4	35
141	Biological Synthesis of Silver Nanoparticles by Cell-Free Extract ofSpirulina platensis. *Journal of Nanotechnology*, **2015**, 2015, 1-6	3.5	33
140	Effect of altitude on the sex ratio in populations of Silene acaulis (Caryophyllaceae). *Nordic Journal of Botany*, **1995**, 15, 251-256	1.1	33
139	Impacts of twenty years of experimental warming on soil carbon, nitrogen, moisture and soil mites across alpine/subarctic tundra communities. *Scientific Reports*, **2017**, 7, 44489	4.9	32
138	Climate change vulnerability in urban slum communities: Investigating household adaptation and decision-making capacity in the Indian Himalaya. *Ecological Indicators*, **2018**, 90, 379-391	5.8	32
137	Impacts of urbanization on the distribution of heavy metals in soils along the Huangpu River, the drinking water source for Shanghai. *Environmental Science and Pollution Research*, **2016**, 23, 5222-31	5.1	32
136	Anthropogenic disturbances and their impact on vegetation in Western Himalaya, India. *Journal of Mountain Science*, **2016**, 13, 69-82	2.1	32

135	Multivariate analysis of fatty acid and biochemical constitutes of seaweeds to characterize their potential as bioresource for biofuel and fine chemicals. *Bioresource Technology*, **2017**, 226, 132-144	11	32
134	Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. *New Phytologist*, **2021**, 231, 763-776	9.8	31
133	Impacts of rural tourism-driven land use change on ecosystems services provision in Erhai Lake Basin, China. *Ecosystem Services*, **2020**, 42, 101081	6.1	30
132	Rural development program in tribal region: A protocol for adaptation and addressing climate change vulnerability. *Journal of Rural Studies*, **2017**, 51, 151-157	4.2	29
131	Assessing climate change vulnerability of water at household level. *Mitigation and Adaptation Strategies for Global Change*, **2015**, 20, 1471-1485	3.9	29
130	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	2.1	27
129	Tundra Trait Team: A database of plant traits spanning the tundra biome. *Global Ecology and Biogeography*, **2018**, 27, 1402-1411	6.1	27
128	Responses of lichen communities to 18 years of natural and experimental warming. *Annals of Botany*, **2017**, 120, 159-170	4.1	26
127	Effects of neighboring vascular plants on the abundance of bryophytes in different vegetation types. *Polar Science*, **2012**, 6, 200-208	2.3	25
126	Simulated global change: contrasting short and medium term growth and reproductive responses of a common alpine/Arctic cushion plant to experimental warming and nutrient enhancement. *SpringerPlus*, **2014**, 3, 157		24
125	Climate change and climatic events: community-, functional- and species-level responses of bryophytes and lichens to constant, stepwise, and pulse experimental warming in an alpine tundra. *Alpine Botany*, **2014**, 124, 81-91	2.5	24
124	Land use patterns and urbanization in the holy city of Varanasi, India: a scenario. *Environmental Monitoring and Assessment*, **2010**, 167, 417-22	3.1	24
123	Impacts of different climate change regimes and extreme climatic events on an alpine meadow community. *Scientific Reports*, **2016**, 6, 21720	4.9	24
122	Traditional plant functional groups explain variation in economic but not size-related traits across the tundra biome. *Global Ecology and Biogeography*, **2019**, 28, 78-95	6.1	24
121	Dominance hierarchies, diversity and species richness of vascular plants in an alpine meadow: contrasting short and medium term responses to simulated global change. *PeerJ*, **2014**, 2, e406	3.1	23
120	Planning for assisted colonization of plants in a warming world. *Scientific Reports*, **2016**, 6, 28542	4.9	22
119	Community and species-specific responses of plant traits to 23 years of experimental warming across subarctic tundra plant communities. *Scientific Reports*, **2017**, 7, 2571	4.9	22
118	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	5.8	22

117	Associations of plant functional diversity with carbon accumulation in a temperate forest ecosystem in the Indian Himalayas. *Ecological Indicators*, **2019**, 98, 861-868	5.8	22
116	Testing reliability of short-term responses to predict longer-term responses of bryophytes and lichens to environmental change. *Ecological Indicators*, **2015**, 58, 77-85	5.8	21
115	Quantifying variations in ecosystem services in altitude-associated vegetation types in a tropical region of China. *Science of the Total Environment*, **2020**, 726, 138565	10.2	21
114	Plants impact structure and function of bacterial communities in Arctic soils. *Plant and Soil*, **2016**, 399, 319-332	4.2	20
113	Effects of human trampling on abundance and diversity of vascular plants, bryophytes and lichens in alpine heath vegetation, Northern Sweden. *SpringerPlus*, **2015**, 4, 95		20
112	Correlations between Socioeconomic Drivers and Indicators of Urban Expansion: Evidence from the Heavily Urbanised Shanghai Metropolitan Area, China. *Sustainability*, **2017**, 9, 1199	3.6	20
111	Global plant trait relationships extend to the climatic extremes of the tundra biome. *Nature Communications*, **2020**, 11, 1351	17.4	19
110	Micro-level adaptation strategies by smallholders to adapt climate change in the least developed countries (LDCs): Insights from Afghanistan. *Ecological Indicators*, **2020**, 118, 106781	5.8	19
109	An indicator based approach for assessing the vulnerability of riparian ecosystem under the influence of urbanization in the Indian Himalayan city, Dehradun. *Ecological Indicators*, **2020**, 119, 106796	5.8	19
108	Responses of bryophytes to simulated environmental change at Latnjajaure, northern Sweden. *Journal of Bryology*, **2003**, 25, 163-168	1.1	18
107	Forest soil nutrient stocks along altitudinal range of Uttarakhand Himalayas: An aid to Nature Based Climate Solutions. *Catena*, **2021**, 207, 105667	5.8	18
106	Mapping the effect of climate change on community livelihood vulnerability in the riparian region of Gangatic Plain, India. *Ecological Indicators*, **2020**, 119, 106815	5.8	17
105	Emission Removal Capability of India Forest and Tree Cover. *Small-Scale Forestry*, **2012**, 11, 61-72	1.2	16
104	Climate change vulnerability assessment of urban informal settlers in Nepal, a least developed country. *Journal of Cleaner Production*, **2021**, 307, 127213	10.3	16
103	Hiding in the background: community-level patterns in invertebrate herbivory across the tundra biome. *Polar Biology*, **2019**, 42, 1881-1897	2	15
102	Impacts of land management on ecosystem service delivery in the Baiyangdian river basin. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	15
101	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	7.9	15
100	METHYLENE BLUE SORPTION CAPACITY OF SOME COMMON WASTE PLANT MATERIALS. *Chemical Engineering Communications*, **2010**, 197, 1435-1444	2.2	14

99	Relative contribution of plant traits and soil properties to the functioning of a temperate forest ecosystem in the Indian Himalayas. *Catena*, **2020**, 194, 104671	5.8	13
98	Vascular plant abundance and diversity in an alpine heath under observed and simulated global change. *Scientific Reports*, **2015**, 5, 10197	4.9	13
97	Collembola at three alpine subarctic sites resistant to twenty years of experimental warming. *Scientific Reports*, **2015**, 5, 18161	4.9	13
96	Modeling spatiotemporal variations in leaf coloring date of three tree species across China. *Agricultural and Forest Meteorology*, **2018**, 249, 310-318	5.8	12
95	Mapping biodiversity conservation priorities for protected areas: A case study in Xishuangbanna Tropical Area, China. *Biological Conservation*, **2020**, 249, 108741	6.2	12
94	Experimental warming differentially affects vegetative and reproductive phenology of tundra plants. *Nature Communications*, **2021**, 12, 3442	17.4	12
93	Braking effect of climate and topography on global change-induced upslope forest expansion. *International Journal of Biometeorology*, **2017**, 61, 541-548	3.7	11
92	Exploring the compass of potential changes induced by climate warming in plant communities. *Ecological Complexity*, **2017**, 29, 1-9	2.6	11
91	Redefining the climate niche of plant species: A novel approach for realistic predictions of species distribution under climate change. *Science of the Total Environment*, **2019**, 671, 1086-1093	10.2	11
90	Factors Influencing Farmers Decisions to Plant Trees on Their Farms in Uttar Pradesh, India. *Small-Scale Forestry*, **2015**, 14, 301-313	1.2	11
89	Variation in responses to temperature treatments ex situ of the moss Pleurozium schreberi (Willd. ex Brid.) Mitt. originating from eight altitude sites in Hokkaido, Japan. *Journal of Bryology*, **2014**, 36, 209-216	1.1	11
88	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	1.2	11
87	Decomposition rate and stabilization across six tundra vegetation types exposed to >20 years of warming. *Science of the Total Environment*, **2020**, 724, 138304	10.2	10
86	Community and species-specific responses to simulated global change in two subarctic-alpine plant communities. *Ecosphere*, **2015**, 6, art227	3.1	10
85	Pollen viability and limitation of seed production in a population of the circumpolar cushion plant, Silene acaulis (Caryophyllaceae). *Nordic Journal of Botany*, **2001**, 21, 365-372	1.1	10
84	The Global Soil Mycobiome consortium dataset for boosting fungal diversity research. *Fungal Diversity*, **2021**, 111, 573	17.6	10
83	Spatio-temporal variation in potential habitats for rare and endangered plants and habitat conservation based on the maximum entropy model. *Science of the Total Environment*, **2021**, 784, 147080	10.2	10
82	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	3.9	9

81	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	1.2	9
80	Global change and arctic ecosystems: is lichen decline a function of increases in vascular plant biomass? **2001**, 89, 984		9
79	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	5.8	9
78	Agroforestry land suitability analysis in the Eastern Indian Himalayan region. *Environmental Challenges*, **2021**, 4, 100199	2.6	9
77	Climate change will seriously impact bird species dwelling above the treeline: A prospective study for the Italian Alps. *Science of the Total Environment*, **2017**, 590-591, 686-694	10.2	8
76	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	1.2	8
75	Global maps of soil temperature.. *Global Change Biology*, **2021**,	11.4	8
74	Improving niche projections of plant species under climate change: Silene acaulis on the British Isles as a case study. *Climate Dynamics*, **2019**, 52, 1413-1423	4.2	8
73	Chemically characterised Artemisia nilagirica (Clarke) Pamp. essential oil as a safe plant-based preservative and shelf-life enhancer of millets against fungal and aflatoxin contamination and lipid peroxidation. *Plant Biosystems*, **2020**, 154, 269-276	1.6	8
72	Spatio-temporal changes in water-related ecosystem services provision and trade-offs with food production. *Journal of Cleaner Production*, **2021**, 286, 125316	10.3	8
71	Benchmarking plant diversity of Palaearctic grasslands and other open habitats. *Journal of Vegetation Science*, **2021**, 32, e13050	3.1	8
70	Impacts of rapid urbanization on ecosystem services under different scenarios A case study in Dianchi Lake Basin, China. *Ecological Indicators*, **2021**, 130, 108102	5.8	8
69	Mapping Phenological Functional Types (PhFT) in the Indian Eastern Himalayas using machine learning algorithm in Google Earth Engine. *Computers and Geosciences*, **2021**, 104982	4.5	7
68	GrassPlot v. 2.00 first update on the database of multi-scale plant diversity in Palaearctic grasslands **2019**, 26-47		7
67	Bryophyte cover and richness decline after 18 years of experimental warming in alpine Sweden. *AoB PLANTS*, **2020**, 12, plaa061	2.9	7
66	Diversity of benthic macrofauna and physical parameters of sediments in natural mangroves and in afforested mangroves three decades after compensatory planting. *Aquatic Sciences*, **2019**, 81, 1	2.5	7
65	Variations in the temperature sensitivity of spring leaf phenology from 1978 to 2014 in Mudanjiang, China. *International Journal of Biometeorology*, **2019**, 63, 569-577	3.7	7
64	Framework of basin eco-compensation standard valuation for cross-regional water supply A case study in northern China. *Journal of Cleaner Production*, **2021**, 279, 123630	10.3	7

63	Changes in Air Quality during the First-Level Response to the Covid-19 Pandemic in Shanghai Municipality, China. *Sustainability*, **2020**, 12, 8887	3.6	6
62	Growth and biopigment accumulation of cyanobacterium Spirulina platensis at different light intensities and temperature. *Brazilian Journal of Microbiology*, **2011**, 42, 1128-35	2.2	6
61	Temporal variations in ambient air quality indicators in Shanghai municipality, China. *Scientific Reports*, **2020**, 10, 11350	4.9	6
60	The role of communities in sustainable land and forest management **2021**, 305-318		6
59	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	3.9	6
58	Short-term herbivory has long-term consequences in warmed and ambient high Arctic tundra. *Environmental Research Letters*, **2017**, 12, 025001	6.2	5
57	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	3.9	5
56	The Swedish system: The image cracking when taking a closer look. *Geoforum*, **2014**, 53, 82-83	2.9	4
55	Carbon density and accumulation in agroecosystem of Indo-Gangetic Plains and Vindhyan highlands, India. *Environmental Monitoring and Assessment*, **2014**, 186, 4971-85	3.1	4
54	Closing a Gap First Records of Bryophytes from the Qatar Peninsula. *Cryptogamie, Bryologie*, **2018**, 39, 77-82	0.8	4
53	Climate Warming Consistently Reduces Grassland Ecosystem Productivity. *Earth's Future*, **2021**, 9, e2020EF001837	7.9	4
52	Land management to reconcile ecosystem services supply and demand mismatches A case study in Shanghai municipality, China. *Land Degradation and Development*, **2020**, 31, 2684-2699	4.4	4
51	Impacts of seven years of experimental warming and nutrient addition on neighbourhood species interactions and community structure in two contrasting alpine plant communities. *Ecological Complexity*, **2018**, 33, 31-40	2.6	4
50	A Comprehensive Literature Review on Cadmium (Cd) Status in the Soil Environment and Its Immobilization by Biochar-Based Materials. *Agronomy*, **2022**, 12, 877	3.6	4
49	Gender lability in trioecious Silene acaulis (Caryophyllaceae). *Nordic Journal of Botany*, **1997**, 17, 181-183	1.1	3
48	Resource allocation patterns in a forb and a sedge in two arctic environments Short-term response to herbivory. *Nordic Journal of Botany*, **2002**, 22, 741-747	1.1	3
47	Simple Unbalanced Ranked Set Sampling for Mean Estimation of Response Variable of Developmental Programs. *Journal of Modern Applied Statistical Methods*, **2018**, 17,	0.3	3
46	Developing common protocols to measure tundra herbivory across spatial scales. *Arctic Science*,	2.2	3

45	Impacts of Urban Land Use Changes on Ecosystem Services in Dianchi Lake Basin, China. *Sustainability*, **2021**, 13, 4813	3.6	3
44	Vegetation responses to 26 years of warming at Latnjajaure Field Station, northern Sweden. *Arctic Science*,1-20	2.2	3
43	Decreased soil moisture due to warming drives phylogenetic diversity and community transitions in the tundra. *Environmental Research Letters*,	6.2	3
42	Divergent changes of the elevational synchronicity in vegetation spring phenology in North China from 2001 to 2017 in connection with variations in chilling. *International Journal of Climatology*,	3.5	3
41	Nexus between Indigenous Ecological Knowledge and Ecosystem Services: A Socio-Ecological Analysis for Sustainable Ecosystem Management		3
40	Climate change water vulnerability and adaptation mechanism in a Himalayan City, Nainital, India. *Environmental Science and Pollution Research*, **2021**, 1	5.1	3
39	Nexus between indigenous ecological knowledge and ecosystem services: a socio-ecological analysis for sustainable ecosystem management. *Environmental Science and Pollution Research*, **2021**, 1	5.1	3
38	Legacy effects of experimental environmental change on soil micro-arthropod communities. *Ecosphere*, **2020**, 11, e03030	3.1	2
37	Screening of chilli germplasm for resistance to Alternaria leaf spot disease. *Archives of Phytopathology and Plant Protection*, **2013**, 46, 463-469	1	2
36	Native Roadside Vegetation that Enhances Soil Erosion Control in Boreal Scandinavia. *Environments - MDPI*, **2014**, 1, 31-41	3.2	2
35	Effects of Coupling Water and Fertilizer on Agronomic Traits, Sugar Content and Yield of Sugarcane in Guangxi, China. *Agronomy*, **2022**, 12, 321	3.6	2
34	Long-Term Impact of Transhumance Pastoralism and Associated Disturbances in High-Altitude Forests of Indian Western Himalaya. *Sustainability*, **2021**, 13, 12497	3.6	2
33	Assessment of climate change pattern in the Pauri Garhwal of the Western Himalayan Region: based on climate parameters and perceptions of forest-dependent communities. *Environmental Monitoring and Assessment*, **2020**, 192, 632	3.1	2
32	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	2.7	2
31	Visitors off the trail: Impacts on the dominant plant, bryophyte and lichen species in alpine heath vegetation in sub-arctic Sweden. *Environmental Challenges*, **2021**, 3, 100050	2.6	2
30	Scale dependence of species–area relationships is widespread but generally weak in Palaearctic grasslands. *Journal of Vegetation Science*, **2021**, 32, e13044	3.1	2
29	Community perspectives on conservation of water sources in Tarkeshwar sacred groves, Himalaya, India. *Water Science and Technology: Water Supply*,	1.4	2
28	Diversity-productivity dependent resistance of an alpine plant community to different climate change scenarios. *Ecological Research*, **2016**, 31, 935-945	1.9	2

27	Toads in Qatar: The species present and their probable original source. *Journal of Arid Environments* , **2019**, 160, 91-94	2.5	2
26	Biomass loss in village ecosystems in Western Himalaya due to wild monkey interactions: A case study. *Environmental Challenges*, **2021**, 4, 100085	2.6	2
25	Relationship Between Tree Size, Sediment Mud Content, Oxygen Levels, and Pneumatophore Abundance in the Mangrove Tree Species Avicennia Marina (Forssk.) Vierh. *Journal of Marine Science and Engineering*, **2021**, 9, 100	2.4	2
24	Coupling phosphate-solubilizing bacteria (PSB) with inorganic phosphorus fertilizer improves mungbean () phosphorus acquisition, nitrogen fixation, and yield in alkaline-calcareous soil.. *Heliyon* , **2022**, 8, e09081	3.6	2
23	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	2.8	1
22	Review of the large branchiopod crustacean fauna of Qatar (Anostraca, Notostraca, Spinicaudata) and adjacent countries. *Zoology in the Middle East*,1-8	0.7	1
21	Distribution, pollution, and human health risks of persistent and potentially toxic elements in the sediments around Hainan Island, China.. *Marine Pollution Bulletin*, **2022**, 174, 113278	6.7	1
20	Optimal Water-Fertilizer Combinations for Efficient Nitrogen Fixation by Sugarcane at Different Stages of Growth. *Water (Switzerland)*, **2021**, 13, 2895	3	1
19	Socio-ecological vulnerability and resilience of mountain communities residing in capital-constrained environments. *Mitigation and Adaptation Strategies for Global Change*, **2021**, 26, 38	3.9	1
18	Improved ecological monitoring for urban ecosystem protection in China. *Ecological Indicators*, **2021**, 120, 106950	5.8	1
17	Fuelwood and fodder consumption patterns among agroforestry-practicing smallholder farmers of the lower Himalayas, India. *Environment, Development and Sustainability*,1	4.5	1
16	Cushion plants act as facilitators for soil microarthropods in high alpine Sweden. *Biodiversity and Conservation*, **2021**, 30, 3243-3264	3.4	1
15	Variation in specific gravity and carbon proportion of agroforestry tree species of Himalaya. *Environmental Challenges*, **2021**, 4, 100156	2.6	1
14	Diversity of arbuscular mycorrhizal fungi and its chemical drivers across dryland habitats. *Mycorrhiza*, **2021**, 31, 685-697	3.9	1
13	Litter decomposition above the treeline in alpine regions: A mini review. *Acta Oecologica*, **2021**, 113, 103775	1.7	1
12	Importance-performance analysis of ecosystem services in tribal communities of the Barind region, Eastern India. *Ecosystem Services*, **2022**, 55, 101431	6.1	1
11	Interactions between topsoil properties and ecophysiological responses of mangroves (Avicenniamarina) along the tidal gradient in an arid region in Qatar. *Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry*, **2020**, 44, 121-126	2.2	0
10	Severe vegetation degradation associated with different disturbance types in a poorly managed urban recreation destination in Iran. *Scientific Reports*, **2021**, 11, 19695	4.9	0

9	Changes in plant composition and diversity in an alpine heath and meadow after 18 years of experimental warming. *Alpine Botany*,1	2.5	0
8	An Overview of the functioning of Temperate Forest Ecosystems with Particular Reference to Himalayan Temperate Forest. *Trees, Forests and People*, **2022**, 8, 100230	1.8	0
7	Assessment of leaf morphological, physiological, chemical and stoichiometry functional traits for understanding the functioning of Himalayan temperate forest ecosystem. *Scientific Reports*, **2021**, 11, 23807	4.9	0
6	Exploring nexus between ecosystem services and livelihood dependency for sustainable ecosystem management in lower Gangetic plains, Eastern India.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
5	Vegetation Characteristics Based Climate Change Vulnerability Assessment of Temperate Forests of Western Himalaya. *Forests*, **2022**, 13, 848	2.8	0
4	The potential impact of climate change on linkages between above and below ground communities in low diversity ecosystems in extreme environments. *Qscience Proceedings*, **2016**, 2016, 12		
3	Social Inclusion in Swedish Public Service Television: The Representation of Gender, Ethnicity and People with Disabilities as Program Leaders for Children Programs. *Social Sciences*, **2014**, 3, 645-649	1.8	
2	Forest disturbance detection in Garhwal Himalayas using MODIS NDVI time-series and BFAST model. *Geocarto International*,1-20	2.7	
1	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	10.2	