

Irfan Rashid

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

3,670
citations

147566

31
h-index

168136

53
g-index

118
all docs

118
docs citations

118
times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of anthropogenic contribution to wetland degradation: Insights from the environmetric techniques. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 1397-1411.	1.9	22
2	Phyllosphere microbiome: Diversity and functions. <i>Microbiological Research</i> , 2022, 254, 126888.	2.5	77
3	Composition, introduction history and invasion status of alien flora in Dachigam National Park of Kashmir Himalaya. <i>Proceedings of the Indian National Science Academy</i> , 2022, 88, 33.	0.5	3
4	Naturalisation of <i>Ranunculus repens</i> in Kashmir Himalaya: Floristic and Ecological aspects. <i>Plant Biosystems</i> , 2022, 156, 1291-1297.	0.8	4
5	Differential responses of Kashmir Himalayan threatened medicinal plants to anticipated climate change. <i>Environmental Conservation</i> , 2022, 49, 33-41.	0.7	5
6	Risk assessment and management framework for rapidly spreading species in a Kashmir Himalayan Ramsar site. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 175.	1.3	1
7	Explaining the differential response of glaciers across different mountain ranges in the north-western Himalaya, India. <i>Cold Regions Science and Technology</i> , 2022, 196, 103515.	1.6	12
8	Biotic alteration of benthic macroinvertebrate communities based on multispatial-scale environmental variables in a regulated river system of Kashmir Himalaya. <i>Ecological Engineering</i> , 2022, 177, 106560.	1.6	8
9	Think globally, measure locally: The MIREN standardized protocol for monitoring plant species distributions along elevation gradients. <i>Ecology and Evolution</i> , 2022, 12, e8590.	0.8	11
10	Risk analysis of fast spreading species in a Kashmir Himalayan National Park (Dachigam) for better monitoring and management. <i>Risk Analysis</i> , 2022, , .	1.5	0
11	Editorial: Ecosystem and Hydrological Responses in Mountain Environments to the Changing Climate. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	0
12	Deciphering the source contribution of organic matter accumulation in an urban wetland ecosystem. <i>Land Degradation and Development</i> , 2022, 33, 2390-2404.	1.8	7
13	Invasive species services-disservices conundrum: A case study from Kashmir Himalaya. <i>Journal of Environmental Management</i> , 2022, 309, 114674.	3.8	5
14	Ascertaining glacier dynamics and geodetic mass changes in the Pangong Region of Trans-Himalayan Ladakh using remote sensing data. <i>Data in Brief</i> , 2022, 42, 108176.	0.5	1
15	Anthropogenic pressure and tree carbon loss in the temperate forests of Kashmir Himalaya. <i>Botany Letters</i> , 2022, 169, 400-412.	0.7	5
16	Dose estimation of radioactivity in groundwater of Srinagar City, Northwest Himalaya, employing fluorimetric and scintillation techniques. <i>Environmental Geochemistry and Health</i> , 2021, 43, 837-854.	1.8	16
17	Integrating the biological invasion paradigm in the policy framework in India. <i>Tropical Ecology</i> , 2021, 62, 144-148.	0.6	5
18	Methane emissions respond to soil temperature in convergent patterns but divergent sensitivities across wetlands along altitude. <i>Global Change Biology</i> , 2021, 27, 941-955.	4.2	10

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19	Recession of Gya Glacier and the 2014 glacial lake outburst flood in the Trans-Himalayan region of Ladakh, India. <i>Science of the Total Environment</i> , 2021, 756, 144008.	3.9	51
20	Floristic diversity and correlates of naturalization of alien flora in urban green spaces of Srinagar city. <i>Urban Ecosystems</i> , 2021, 24, 1231-1244.	1.1	9
21	Evaluating the performance of multisource digital elevation models using morphometric parameters and field survey data over the mountainous landscapes of northwest Himalaya, India. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	2
22	Invasiveness traits help Amaranths to invade Kashmir Himalaya, India. <i>Tropical Ecology</i> , 2021, 62, 209-217.	0.6	1
23	<i>Symphytotrichum subulatum</i> (Michx.) G.L.Nesom (Asteraceae): a new distribution record of an alien plant species in Kashmir Himalaya, India. <i>Check List</i> , 2021, 17, 569-574.	0.1	5
24	Land system transformations govern the trophic status of an urban wetland ecosystem: Perspectives from remote sensing and water quality analysis. <i>Land Degradation and Development</i> , 2021, 32, 4087-4104.	1.8	35
25	Investigating the 2017 Erratic Fishkill Episode in the Jhelum River, Kashmir Himalaya. <i>Pollutants</i> , 2021, 1, 87-94.	1.0	1
26	A massive rock and ice avalanche caused the 2021 disaster at Chamoli, Indian Himalaya. <i>Science</i> , 2021, 373, 300-306.	6.0	304
27	Application of Geomorphometric Approach for the Estimation of Hydro-sedimentological Flows and Cation Weathering Rate: Towards Understanding the Sustainable Land Use Policy for the Sindh Basin, Kashmir Himalaya. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	20
28	Radon mapping in groundwater and indoor environs of Budgam, Jammu and Kashmir. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 923-934.	0.7	6
29	Railways redistribute plant species in mountain landscapes. <i>Journal of Applied Ecology</i> , 2021, 58, 1967-1980.	1.9	27
30	Time series analysis of climate variability and trends in Kashmir Himalaya. <i>Ecological Indicators</i> , 2021, 126, 107690.	2.6	60
31	Elucidating the role of silicon in drought stress tolerance in plants. <i>Plant Physiology and Biochemistry</i> , 2021, 165, 187-195.	2.8	64
32	Retreat of Machoi Glacier, Kashmir Himalaya between 1972 and 2019 using remote sensing methods and field observations. <i>Science of the Total Environment</i> , 2021, 785, 147376.	3.9	18
33	Genetic diversity may help evolutionary rescue in a clonal endemic plant species of Western Himalaya. <i>Scientific Reports</i> , 2021, 11, 19595.	1.6	3
34	Human-driven disturbances change the vegetation characteristics of temperate forest stands: A case study from Pir Panchal mountain range in Kashmir Himalaya. <i>Trees, Forests and People</i> , 2021, 6, 100134.	0.8	11
35	Linking land system changes (1980–2017) with the trophic status of an urban wetland: Implications for wetland management. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 710.	1.3	18
36	Landscape Transformations, Morphometry, and Trophic Status of Anchar Wetland in Kashmir Himalaya: Implications for Urban Wetland Management. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	18

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37	Spatiotemporal Dynamics and Geodetic Mass Changes of Glaciers With Varying Debris Cover in the Pangong Region of Trans-Himalayan Ladakh, India Between 1990 and 2019. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	10
38	Mapping groundwater potential zones using remote sensing and GIS approach in Jammu Himalaya, Jammu and Kashmir. <i>Geo Journal</i> , 2020, 85, 487-504.	1.7	34
39	Geospatial Assessment of Groundwater Quality in Udhampur District, Jammu and Kashmir, India. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2020, 90, 883-897.	0.8	6
40	The January 2018 to September 2019 surge of Shisper Glacier, Pakistan, detected from remote sensing observations. <i>Geomorphology</i> , 2020, 351, 106957.	1.1	50
41	Impacts of Erratic Snowfall on Apple Orchards in Kashmir Valley, India. <i>Sustainability</i> , 2020, 12, 9206.	1.6	14
42	Twenty-first century-end climate scenario of Jammu and Kashmir Himalaya, India, using ensemble climate models. <i>Climatic Change</i> , 2020, 162, 1473-1491.	1.7	49
43	Retreat and geodetic mass changes of Zemu Glacier, Sikkim Himalaya, India, between 1931 and 2018. <i>Regional Environmental Change</i> , 2020, 20, 1.	1.4	19
44	The natural flow regime: A master variable for maintaining river ecosystem health. <i>Ecohydrology</i> , 2020, 13, e2247.	1.1	42
45	The satellite observed glacier mass changes over the Upper Indus Basin during 2000â€“2012. <i>Scientific Reports</i> , 2020, 10, 14285.	1.6	40
46	Landscape transformation of an urban wetland in Kashmir Himalaya, India using high-resolution remote sensing data, geospatial modeling, and ground observations over the last 5 decades (1965â€“2018). <i>Environmental Monitoring and Assessment</i> , 2020, 192, 635.	1.3	29
47	Evaluating glacier surges in Karakoram region using earth observation data. <i>Data in Brief</i> , 2020, 30, 105394.	0.5	3
48	Recent flood hazards in Kashmir put into context with millennium-long historical and tree-ring records. <i>Science of the Total Environment</i> , 2020, 722, 137875.	3.9	29
49	Current Status of Wetlands in Srinagar City: Threats, Management Strategies, and Future Perspectives. <i>Frontiers in Environmental Science</i> , 2020, 7, .	1.5	50
50	A geospatial approach for limnological characterization of Nigeen Lake, Kashmir Himalaya. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 121.	1.3	29
51	Linking the Recent Glacier Retreat and Depleting Streamflow Patterns with Land System Changes in Kashmir Himalaya, India. <i>Water (Switzerland)</i> , 2020, 12, 1168.	1.2	33
52	Jammu and Kashmir State: An Overview. <i>Topics in Biodiversity and Conservation</i> , 2020, , 129-166.	0.3	14
53	Reviews and syntheses: Soil responses to manipulated precipitation changes â€“ an assessment of meta-analyses. <i>Biogeosciences</i> , 2020, 17, 3859-3873.	1.3	24
54	Forest Ecosystems of Jammu and Kashmir State. <i>Topics in Biodiversity and Conservation</i> , 2020, , 191-208.	0.3	11

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55	Impact of Climate Change on Vegetation Distribution in the Kashmir Himalaya. Topics in Biodiversity and Conservation, 2020, , 1029-1047.	0.3	4
56	Global distribution modelling, invasion risk assessment and niche dynamics of <i>Leucanthemum vulgare</i> (Ox-eye Daisy) under climate change. Scientific Reports, 2019, 9, 11395.	1.6	30
57	High-resolution earth observation data for assessing the impact of land system changes on wetland health in Kashmir Himalaya, India. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	28
58	Scale and season determine the magnitude of invasion impacts on plant communities. Flora: Morphology, Distribution, Functional Ecology of Plants, 2019, 260, 151481.	0.6	25
59	Predicting invasion potential and niche dynamics of <i>Parthenium hysterophorus</i> (Congress grass) in India under projected climate change. Biodiversity and Conservation, 2019, 28, 2319-2344.	1.2	63
60	Phytoliths as proxies of the past. Earth-Science Reviews, 2019, 194, 234-250.	4.0	41
61	Anthropogenic disturbances alter community structure in the forests of Kashmir Himalaya. Tropical Ecology, 2019, 60, 6-15.	0.6	27
62	Silicon Supplementation of Rescuegrass Reduces Herbivory by a Grasshopper. Frontiers in Plant Science, 2019, 10, 671.	1.7	21
63	MODIS land surface temperature data for prediction of urban heat island effect. International Journal of Sustainable Agricultural Management and Informatics, 2019, 5, 270.	0.1	1
64	Plant invasion alters the physico-chemical dynamics of soil system: insights from invasive <i>Leucanthemum vulgare</i> in the Indian Himalaya. Environmental Monitoring and Assessment, 2019, 191, 792.	1.3	17
65	Evaluating the Performance of Remotely Sensed Precipitation Estimates against In-Situ Observations during the September 2014 Mega-Flood in the Kashmir Valley. Asia-Pacific Journal of Atmospheric Sciences, 2019, 55, 209-219.	1.3	13
66	Floristic diversity along the roadsides of an urban biodiversity hotspot in Indian Himalayas. Plant Biosystems, 2019, 153, 222-230.	0.8	12
67	MODIS land surface temperature data for prediction of urban heat island effect. International Journal of Sustainable Agricultural Management and Informatics, 2019, 5, 270.	0.1	1
68	Spatio-temporal variation of land surface temperature and temperature lapse rate over mountainous Kashmir Himalaya. Journal of Mountain Science, 2018, 15, 563-576.	0.8	44
69	Climatic, geomorphic and anthropogenic drivers of the 2014 extreme flooding in the Jhelum basin of Kashmir, India. Geomatics, Natural Hazards and Risk, 2018, 9, 224-248.	2.0	89
70	Winter Burst of Pristine Kashmir Valley Air. Scientific Reports, 2018, 8, 3329.	1.6	17
71	An Updated Taxonomic Inventory of Flora of Srinagar City (Kashmir Himalaya) India, Using Herbarium Reconstruction Approach. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 1017-1023.	0.4	8
72	Patterns of alien plant diversity in the urban landscapes of global biodiversity hotspots: a case study from the Himalayas. Biodiversity and Conservation, 2018, 27, 1055-1072.	1.2	43

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73	Surge of Hispar Glacier, Pakistan, between 2013 and 2017 detected from remote sensing observations. <i>Geomorphology</i> , 2018, 303, 410-416.	1.1	23
74	Root-associated fungi of <i>Pinus wallichiana</i> in Kashmir Himalaya. <i>Canadian Journal of Forest Research</i> , 2018, 48, 923-929.	0.8	10
75	Seismic hazard and probability assessment of Kashmir valley, northwest Himalaya, India. <i>Natural Hazards</i> , 2018, 93, 1451-1477.	1.6	21
76	Recent recession and potential future lake formation on Drang Drung glacier, Zaskar Himalaya, as assessed with earth observation data and glacier modelling. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	29
77	Assessing changes in the above ground biomass and carbon stocks of Lidder valley, Kashmir Himalaya, India. <i>Geocarto International</i> , 2017, 32, 717-734.	1.7	36
78	The recent deglaciation of Kolahoi valley in Kashmir Himalaya, India in response to the changing climate. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 38-50.	1.0	61
79	Hydrochemical characterization and pollution assessment of groundwater in Jammu Siwaliks, India. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 122.	1.3	16
80	Management of <i>Nymphoides peltatum</i> using water level fluctuations in freshwater lakes of Kashmir Himalaya. <i>Limnology</i> , 2017, 18, 219-231.	0.8	18
81	Variations in particulate matter over Indo-Gangetic Plains and Indo-Himalayan Range during four field campaigns in winter monsoon and summer monsoon: Role of pollution pathways. <i>Atmospheric Environment</i> , 2017, 154, 200-224.	1.9	119
82	Linking human-biophysical interactions with the trophic status of Dal Lake, Kashmir Himalaya, India. <i>Limnologica</i> , 2017, 62, 84-96.	0.7	47
83	Biology of Amaranths. <i>Botanical Review</i> , The, 2017, 83, 382-436.	1.7	49
84	Investigation of temporal change in glacial extent of Chitral watershed using Landsat data: a critique. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 546.	1.3	15
85	Constructed Wetlands: Role in Phytoremediation of Heavy Metals. , 2016, , 291-304.		0
86	A semi-automated approach for mapping geomorphology in mountainous terrain, Ferozpora watershed (Kashmir Himalaya). <i>Journal of the Geological Society of India</i> , 2016, 88, 206-212.	0.5	18
87	Heavy metal accumulation in the leaves of <i>Potamogeton natans</i> and <i>Ceratophyllum demersum</i> in a Himalayan RAMSAR site: management implications. <i>Wetlands Ecology and Management</i> , 2016, 24, 469-475.	0.7	23
88	Massive land system changes impact water quality of the Jhelum River in Kashmir Himalaya. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 185.	1.3	66
89	<i>Bromus catharticus</i> Vahl (Poaceae): a new plant record for Kashmir Himalaya, India. <i>Check List</i> , 2016, 12, 1875.	0.1	7
90	Projected climate change impacts on vegetation distribution over Kashmir Himalayas. <i>Climatic Change</i> , 2015, 132, 601-613.	1.7	81

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91	New vegetation type map of India prepared using satellite remote sensing: Comparison with global vegetation maps and utilities. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 39, 142-159.	1.4	138
92	Implications of Shrinking Cryosphere Under Changing Climate on the Streamflows in the Lidder Catchment in the Upper Indus Basin, India. <i>Arctic, Antarctic, and Alpine Research</i> , 2015, 47, 627-644.	0.4	102
93	Benefitting from geoinformatics: Estimating floristic diversity of Warwan Valley in Northwestern Himalaya, India. <i>Journal of Mountain Science</i> , 2015, 12, 854-863.	0.8	12
94	Assessing the impacts of changing land cover and climate on Hokersar wetland in Indian Himalayas. <i>Arabian Journal of Geosciences</i> , 2014, 7, 143-160.	0.6	90
95	Sustainability of winter tourism in a changing climate over Kashmir Himalaya. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2549-2562.	1.3	69
96	Land use land cover dynamics as a function of changing demography and hydrology. <i>Geo Journal</i> , 2014, 79, 297-307.	1.7	32
97	Phytoremediation Potential of <i>Phragmites australis</i> in Hokersar Wetland - A Ramsar Site of Kashmir Himalaya. <i>International Journal of Phytoremediation</i> , 2014, 16, 1183-1191.	1.7	44
98	Geospatial modelling approach for identifying disturbance regimes and biodiversity rich areas in North Western Himalayas, India. <i>Biodiversity and Conservation</i> , 2013, 22, 2537-2566.	1.2	29
99	Impact of anthropogenic activities on water quality of Lidder River in Kashmir Himalayas. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 4705-4719.	1.3	104
100	Geoinformatics for assessing the morphometric control on hydrological response at watershed scale in the Upper Indus Basin. <i>Journal of Earth System Science</i> , 2012, 121, 659-686.	0.6	123
101	Alien flora of India: taxonomic composition, invasion status and biogeographic affiliations. <i>Biological Invasions</i> , 2012, 14, 99-113.	1.2	120
102	Towards an integrated research framework and policy agenda on biological invasions in the developing world: A case-study of India. <i>Environmental Research</i> , 2011, 111, 999-1006.	3.7	24
103	A Standardized Response to Biological Invasions. <i>Science</i> , 2009, 325, 146-146.	6.0	8
104	Plant invasions in montane ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2009, 7, 408-408.	1.9	16
105	Operational characterization of alien invasive flora and its management implications. <i>Biodiversity and Conservation</i> , 2008, 17, 3181-3194.	1.2	20
106	Mycorrhizosphere mediated Mayweed Chamomile invasion in the Kashmir Himalaya, India. <i>Plant and Soil</i> , 2008, 312, 219-225.	1.8	17
107	Mycorrhizal source and neighbour identity differently influence <i>Anthemis cotula</i> L. invasion in the Kashmir Himalaya, India. <i>Applied Soil Ecology</i> , 2008, 40, 330-337.	2.1	38
108	Germination ecology of invasive alien <i>Anthemis cotula</i> helps it synchronise its successful recruitment with favourable habitat conditions. <i>Annals of Applied Biology</i> , 2007, 150, 361-369.	1.3	25

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109	The alien flora of Kashmir Himalaya. <i>Biological Invasions</i> , 2007, 9, 269-292.	1.2	141
110	Effect of Aqueous Leaf Leachate of <i>Anthemis cotula</i> - An Alien Invasive Species on Germination Behaviour of Some Field Crops. <i>Journal of Agronomy and Crop Science</i> , 2006, 192, 186-191.	1.7	21