

Alam Sher Bacha

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.

25
papers

419
citations

12
h-index

20
g-index

27
ext. papers

566
ext. citations

2.6
avg, IF

4.56
L-index

#	Paper	IF	Citations
25	Landslide inventory and susceptibility assessment using multiple statistical approaches along the Karakoram highway, northern Pakistan. <i>Journal of Mountain Science</i> , 2021 , 18, 583-598	2.1	6
24	Landslide assessment by using multi-temporal UAV datasets: a case study in northern Pakistan. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
23	Combining Landsat-8 spectral bands with ancillary variables for land cover classification in mountainous terrains of northern Pakistan. <i>Journal of Mountain Science</i> , 2021 , 18, 2388-2401	2.1	2
22	Scenario-based seismic hazard analysis using spectral element method in northeastern Pakistan. <i>Natural Hazards</i> , 2020 , 103, 2131-2144	3	1
21	Spatial and temporal evolution of co-seismic landslides after the 2005 Kashmir earthquake. <i>Geomorphology</i> , 2020 , 362, 107228	4.3	32
20	ASTER-based remote sensing investigation of gypsum in the Kohat Plateau, north Pakistan. <i>Carbonates and Evaporites</i> , 2020 , 35, 1	1.3	6
19	Transferability of object-based image analysis approaches for landslide detection in the Himalaya Mountains of northern Pakistan. <i>International Journal of Remote Sensing</i> , 2020 , 41, 3390-3410	3.1	7
18	Flood hazard assessment and mapping of River Swat using HEC-RAS 2D model and high-resolution 12-m TanDEM-X DEM (WorldDEM). <i>Natural Hazards</i> , 2019 , 97, 477-492	3	39
17	Landslide susceptibility assessment using Frequency Ratio, a case study of northern Pakistan. <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2019 , 22, 11-24	3.4	40
16	Evaluating glacier dynamics using temporal remote sensing images: a case study of Hunza Valley, northern Pakistan. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	5
15	An international program on Silk Road Disaster Risk Reduction Belt and Road initiative (2016-2020). <i>Journal of Mountain Science</i> , 2018 , 15, 1383-1396	2.1	18
14	Flood frequency analysis of river swat using Log Pearson type 3, Generalized Extreme Value, Normal, and Gumbel Max distribution methods. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	18
13	Landslide inventory and susceptibility modelling using geospatial tools, in Hunza-Nagar valley, northern Pakistan. <i>Journal of Mountain Science</i> , 2018 , 15, 1354-1370	2.1	28
12	Geology as a proxy for Vs30-based seismic site characterization, a case study of northern Pakistan. <i>Arabian Journal of Geosciences</i> , 2018 , 11, 1	1.8	3
11	Regolith thickness modeling using a GIS approach for landslide distribution analysis, NW Himalayas. <i>Journal of Mountain Science</i> , 2018 , 15, 2466-2479	2.1	7
10	A Data-Driven Approach to Landslide-Susceptibility Mapping in Mountainous Terrain: Case Study from the Northwest Himalayas, Pakistan. <i>Natural Hazards Review</i> , 2018 , 19, 05018007	3.5	27
9	Applications of variogram modeling to electrical resistivity data for the occurrence and distribution of saline groundwater in Domail Plain, northwestern Himalayan fold and thrust belt, Pakistan. <i>Journal of Mountain Science</i> , 2017 , 14, 158-174	2.1	3

8	Evaluating the impact of classification algorithms and spatial resolution on the accuracy of land cover mapping in a mountain environment in Pakistan. <i>Arabian Journal of Geosciences</i> , 2017 , 10, 1	1.8	8
7	A review of the 2005 Kashmir earthquake-induced landslides; from a remote sensing prospective. <i>Journal of Asian Earth Sciences</i> , 2016 , 118, 68-80	2.8	48
6	Spatial assessment of forest cover and land-use changes in the Hindu-Kush mountain ranges of northern Pakistan. <i>Journal of Mountain Science</i> , 2016 , 13, 1229-1237	2.1	19
5	Impact of uncertainty in remote sensing DEMs on topographic amplification of seismic response and Vs 30. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 2237-2245	1.8	3
4	A Spatial Multi-Criteria Analysis Approach for Locating Suitable Sites for Construction of Subsurface Dams in Northern Pakistan. <i>Water Resources Management</i> , 2014 , 28, 5157-5174	3.7	46
3	Evaluation of remote sensing-based seismic site characterization using earthquake damage data. <i>Terra Nova</i> , 2012 , 24, 123-129	3	9
2	Geophysical and remote sensing-based approach to model regolith thickness in a data-sparse environment. <i>Catena</i> , 2011 , 87, 11-19	5.8	26
1	Regolith modeling and its relation to earthquake induced building damage: A remote sensing approach. <i>Journal of Asian Earth Sciences</i> , 2011 , 42, 65-75	2.8	17