

# Alam Sher Bacha

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3098099/publications.pdf>

Version: 2024-02-01

25  
papers

722  
citations

687363  
13  
h-index

580821  
25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

762  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.0	16
2	Landslide assessment by using multi-temporal UAV datasets: a case study in northern Pakistan. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	2
3	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.	2.0	6
4	ASTER-based remote sensing investigation of gypsum in the Kohat Plateau, north Pakistan. <i>Carbonates and Evaporites</i> , 2020, 35, 1.	1.0	10
5	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.	2.9	13
6	Scenario-based seismic hazard analysis using spectral element method in northeastern Pakistan. <i>Natural Hazards</i> , 2020, 103, 2131-2144.	3.4	2
7	Spatial and temporal evolution of co-seismic landslides after the 2005 Kashmir earthquake. <i>Geomorphology</i> , 2020, 362, 107228.	2.6	51
8	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.	3.4	78
9	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.	2.0	101
10	Evaluating glacier dynamics using temporal remote sensing images: a case study of Hunza Valley, northern Pakistan. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	9
11	Regolith thickness modeling using a GIS approach for landslide distribution analysis, NW Himalayas. <i>Journal of Mountain Science</i> , 2018, 15, 2466-2479.	2.0	12
12	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, .	1.5	50
13	An international program on Silk Road Disaster Risk Reductionâ€“a Belt and Road initiative (2016â€“2020). <i>Journal of Mountain Science</i> , 2018, 15, 1383-1396.	2.0	30
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.	1.3	39
15	Landslide inventory and susceptibility modelling using geospatial tools, in Hunza-Nagar valley, northern Pakistan. <i>Journal of Mountain Science</i> , 2018, 15, 1354-1370.	2.0	50
16	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.	1.3	5
17	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.	2.0	6
18	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.	1.3	14

#	ARTICLE	IF	CITATIONS
19	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.	2.0	28
20	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.	2.3	73
21	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.	1.3	5
22	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.	3.9	65
23	Evaluation of remote sensing-based seismic site characterization using earthquake damage data. <i>Terra Nova</i> , 2012, 24, 123-129.	2.1	10
24	Geophysical and remote sensing-based approach to model regolith thickness in a data-sparse environment. <i>Catena</i> , 2011, 87, 11-19.	5.0	30
25	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.	2.3	17