

Mohsin Jamil Butt

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

469
citations

758635

12
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of snowmelt runoff model for water resource management. <i>Hydrological Processes</i> , 2011, 25, 3735-3747.	1.1	69
2	Landslide dam and subsequent dam-break flood estimation using HEC-RAS model in Northern Pakistan. <i>Natural Hazards</i> , 2013, 65, 241-254.	1.6	57
3	Assessment of AOD variability over Saudi Arabia using MODIS Deep Blue products. <i>Environmental Pollution</i> , 2017, 231, 143-153.	3.7	42
4	Estimation of Light Pollution Using Satellite Remote Sensing and Geographic Information System Techniques. <i>GIScience and Remote Sensing</i> , 2012, 49, 609-621.	2.4	39
5	Assessment of Urban Sprawl of Islamabad Metropolitan Area Using Multi-Sensor and Multi-Temporal Satellite Data. <i>Arabian Journal for Science and Engineering</i> , 2012, 37, 101-114.	1.1	34
6	The Combined Effect of Vegetation and Soil Erosion in the Water Resource Management. <i>Water Resources Management</i> , 2010, 24, 3701-3714.	1.9	33
7	Application of Landsat Data for Urban Growth Monitoring in Jeddah. <i>Earth Systems and Environment</i> , 2017, 1, 1.	3.0	29
8	MODIS satellite data evaluation for sand and dust storm monitoring in Saudi Arabia. <i>International Journal of Remote Sensing</i> , 2018, 39, 8627-8645.	1.3	28
9	Sediments deposition due to soil erosion in the watershed region of Mangla Dam. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 419-429.	1.3	27
10	Estimation of snow depth in the UK using the HUT snow emission model. <i>International Journal of Remote Sensing</i> , 2008, 29, 4249-4267.	1.3	25
11	Landsat ETM+ Secchi Disc Transparency (SDT) retrievals for Rawal Lake, Pakistan. <i>Advances in Space Research</i> , 2015, 56, 1428-1440.	1.2	22
12	Characteristics of snow cover in the Hindukush, Karakoram and Himalaya region using Landsat satellite data. <i>Hydrological Processes</i> , 2012, 26, 3689-3698.	1.1	19
13	Analysis of sand and dust storm events over Saudi Arabia in relation with meteorological parameters and ENSO. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	13
14	A comparative study of Chang and HUT models for UK snow depth retrieval. <i>International Journal of Remote Sensing</i> , 2009, 30, 6361-6379.	1.3	10
15	Exploitation of Landsat data for snow zonation mapping in the Hindukush, Karakoram and Himalaya (HKH) region of Pakistan. <i>Hydrological Sciences Journal</i> , 2013, 58, 1088-1096.	1.2	7
16	Passive microwave methods to retrieve snow pack characteristics in the UK. <i>Scottish Geographical Journal</i> , 2006, 122, 19-31.	0.4	5
17	Environmental Study of Water Reservoirs for the Watershed Management in Pakistan. <i>Earth Systems and Environment</i> , 2019, 3, 613-623.	3.0	5
18	Application of global snow model for the estimation of snow depth in the UK. <i>Meteorology and Atmospheric Physics</i> , 2009, 105, 181-190.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Spectral Albedo Estimation of Snow Covers in Pakistan Using Landsat Data. Earth Systems and Environment, 2019, 3, 267-276.	3.0	2
20	Application of geographical information system for mapping/monitoring seismological hazards in Pakistan. Geocarto International, 2015, 30, 532-544.	1.7	1