

# Mohsin Jamil Butt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9101980/publications.pdf>

Version: 2024-02-01

20  
papers

469  
citations

759055

12  
h-index

752573

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

676  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Analysis of sand and dust storm events over Saudi Arabia in relation with meteorological parameters and ENSO. Arabian Journal of Geosciences, 2021, 14, 1.                      | 0.6 | 13        |
| 2  | Environmental Study of Water Reservoirs for the Watershed Management in Pakistan. Earth Systems and Environment, 2019, 3, 613-623.  | 3.0 | 5         |
| 3  | Spectral Albedo Estimation of Snow Covers in Pakistan Using Landsat Data. Earth Systems and Environment, 2019, 3, 267-276.  | 3.0 | 2         |
| 4  | MODIS satellite data evaluation for sand and dust storm monitoring in Saudi Arabia. International Journal of Remote Sensing, 2018, 39, 8627-8645.                               | 1.3 | 28        |
| 5  | Assessment of AOD variability over Saudi Arabia using MODIS Deep Blue products. Environmental Pollution, 2017, 231, 143-153.  | 3.7 | 42        |
| 6  | Application of Landsat Data for Urban Growth Monitoring in Jeddah. Earth Systems and Environment, 2017, 1, 1.   | 3.0 | 29        |
| 7  | Application of geographical information system for mapping/monitoring seismological hazards in Pakistan. Geocarto International, 2015, 30, 532-544.                             | 1.7 | 1         |
| 8  | Landsat ETM+ Secchi Disc Transparency (SDT) retrievals for Rawal Lake, Pakistan. Advances in Space Research, 2015, 56, 1428-1440.   | 1.2 | 22        |
| 9  | Exploitation of Landsat data for snow zonation mapping in the Hindukush, Karakoram and Himalaya (HKH) region of Pakistan. Hydrological Sciences Journal, 2013, 58, 1088-1096.   | 1.2 | 7         |
| 10 | Landslide dam and subsequent dam-break flood estimation using HEC-RAS model in Northern Pakistan. Natural Hazards, 2013, 65, 241-254.   | 1.6 | 57        |
| 11 | Estimation of Light Pollution Using Satellite Remote Sensing and Geographic Information System Techniques. GIScience and Remote Sensing, 2012, 49, 609-621.                     | 2.4 | 39        |
| 12 | Characteristics of snow cover in the Hindukush, Karakoram and Himalaya region using Landsat satellite data. Hydrological Processes, 2012, 26, 3689-3698.                        | 1.1 | 19        |
| 13 | Assessment of Urban Sprawl of Islamabad Metropolitan Area Using Multi-Sensor and Multi-Temporal Satellite Data. Arabian Journal for Science and Engineering, 2012, 37, 101-114. | 1.1 | 34        |
| 14 | Sediments deposition due to soil erosion in the watershed region of Mangla Dam. Environmental Monitoring and Assessment, 2011, 181, 419-429.                                    | 1.3 | 27        |
| 15 | Application of snowmelt runoff model for water resource management. Hydrological Processes, 2011, 25, 3735-3747.  | 1.1 | 69        |
| 16 | The Combined Effect of Vegetation and Soil Erosion in the Water Resource Management. Water Resources Management, 2010, 24, 3701-3714.   | 1.9 | 33        |
| 17 | Application of global snow model for the estimation of snow depth in the UK. Meteorology and Atmospheric Physics, 2009, 105, 181-190.   | 0.9 | 2         |
| 18 | A comparative study of Chang and HUT models for UK snow depth retrieval. International Journal of Remote Sensing, 2009, 30, 6361-6379.  | 1.3 | 10        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Estimation of snow depth in the UK using the HUT snow emission model. International Journal of Remote Sensing, 2008, 29, 4249-4267. | 1.3 | 25        |
| 20 | Passive microwave methods to retrieve snow pack characteristics in the UK. Scottish Geographical Journal, 2006, 122, 19-31.         | 0.4 | 5         |