Hammad Gilani

List of Publications by Year
in descending order

29 papers	965 citations	471509 17 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1198 citing authors

#	Article	IF	Citations
1	Development of 2010 national land cover database for the Nepal. Journal of Environmental Management, 2015, 148, 82-90.	7.8	186
2	Measuring impacts of community forestry program through repeat photography and satellite remote sensing in the Dolakha district of Nepal. Journal of Environmental Management, 2013, 126, 20-29.	7.8	102
3	Decadal land cover change dynamics in Bhutan. Journal of Environmental Management, 2015, 148, 91-100.	7.8	76
4	Mapping Deforestation and Forest Degradation Patterns in Western Himalaya, Pakistan. Remote Sensing, 2016, 8, 385.	4.0	67
5	Under predicted climate change: Distribution and ecological niche modelling of six native tree species in Gilgit-Baltistan, Pakistan. Ecological Indicators, 2020, 111, 106049.	6.3	56
6	Mapping forests in monsoon Asia with ALOS PALSAR 50-m mosaic images and MODIS imagery in 2010. Scientific Reports, 2016, 6, 20880.	3.3	49
7	Evaluation of object-based image analysis techniques on very high-resolution satellite image for biomass estimation in a watershed of hilly forest of Nepal. Applied Geomatics, 2014, 6, 59-68.	2.5	40
8	Integration of WorldView-2 and airborne LiDAR data for tree species level carbon stock mapping in Kayar Khola watershed, Nepal. International Journal of Applied Earth Observation and Geoinformation, 2015, 38, 280-291.	2.8	40
9	Dynamics and drivers of land use and land cover changes in Bangladesh. Regional Environmental Change, 2020, 20, 1.	2.9	40
10	Stand structure determines aboveground biomass across temperate forest types and species mixture along a local-scale elevational gradient. Forest Ecology and Management, 2021, 486, 118984.	3.2	32
11	A Synthesis of Spatial Forest Assessment Studies Using Remote Sensing Data and Techniques in Pakistan. Forests, 2021, 12, 1211.	2.1	30
12	Satellite-based (2000–2015) drought hazard assessment with indices, mapping, and monitoring of Potohar plateau, Punjab, Pakistan. Environmental Earth Sciences, 2020, 79, 1.	2.7	26
13	Quantification of carbon stock to understand two different forest management regimes in Kayar Khola watershed, Chitwan, Nepal. Journal of the Indian Society of Remote Sensing, 2014, 42, 745-754.	2.4	23
14	Forest inventory and analysis in Gilgit-Baltistan. International Journal of Climate Change Strategies and Management, 2018, 10, 616-631.	2.9	22
15	Impact assessment of land cover and land use changes on soil erosion changes (2005–2015) in Pakistan. Land Degradation and Development, 2022, 33, 204-217.	3.9	22
16	Forest Condition Monitoring Using Very-High-Resolution Satellite Imagery in a Remote Mountain Watershed in Nepal. Mountain Research and Development, 2015, 35, 264.	1.0	19
17	Forest Aboveground Biomass Estimation and Mapping through High-Resolution Optical Satellite Imagery—A Literature Review. Forests, 2021, 12, 914.	2.1	19
18	Above Ground Biomass Estimation of Dalbergia sissoo Forest Plantation from Dual-Polarized ALOS-2 PALSAR Data. Canadian Journal of Remote Sensing, 2017, 43, 297-308.	2.4	18

#	Article	IF	Citations
19	Global drought monitoring with big geospatial datasets using Google Earth Engine. Environmental Science and Pollution Research, 2021, 28, 17244-17264.	5.3	18
20	Global drought monitoring with drought severity index (DSI) using Google Earth Engine. Theoretical and Applied Climatology, 2021, 146, 411-427.	2.8	18
21	Monitoring of Urban Landscape Ecology Dynamics of Islamabad Capital Territory (ICT), Pakistan, Over Four Decades (1976â€"2016). Land, 2020, 9, 123.	2.9	16
22	Comparison of forest aboveground biomass estimates from passive and active remote sensing sensors over Kayar Khola watershed, Chitwan district, Nepal. Journal of Applied Remote Sensing, 2017, 11, 026038.	1.3	11
23	Evaluation of state and community/private forests in Punjab, Pakistan using geospatial data and related techniques. Forest Ecosystems, 2015, 2, .	3.1	10
24	Integration of high-resolution optical and SAR satellite remote sensing datasets for aboveground biomass estimation in subtropical pine forest, Pakistan. Environmental Monitoring and Assessment, 2020, 192, 584.	2.7	9
25	A geo-spatial database about the eco-environment and its key issues in South Asia. Big Earth Data, 2018, 2, 298-319.	4.4	6
26	Synergizing community-based forest monitoring with remote sensing: a path to an effective REDD+ÂMRV system. Carbon Balance and Management, 2017, 12, 19.	3.2	4
27	Reform Earth Observation Science and Applications to Transform Hindu Kush Himalayan Livelihoodsâ€"Services-Based Vision 2030. Springer Remote Sensing/photogrammetry, 2016, , 27-62.	0.4	2
28	Review of Ecosystem Monitoring in Nepal and Evolving Earth Observation Technologies. Springer Geography, 2017, , 165-183.	0.4	1
29	From REDD+ MRV Perspective: Comparison of Two Different Forest Management Regimes Using Geospatial Techniques in Ludi Khola Watershed, Gorkha District, Nepal. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2017, 85, 265-278.	1.1	0