

# Mark Broich

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,602  
citations

361413

20  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying forest cover loss in Democratic Republic of the Congo, 2000â€“2010, with Landsat ETM+ data. Remote Sensing of Environment, 2012, 122, 106-116.	11.0	303
2	Surface water extent dynamics from three decades of seasonally continuous Landsat time series at subcontinental scale in a semi-arid region. Remote Sensing of Environment, 2016, 178, 142-157.	11.0	209
3	Time-series analysis of multi-resolution optical imagery for quantifying forest cover loss in Sumatra and Kalimantan, Indonesia. International Journal of Applied Earth Observation and Geoinformation, 2011, 13, 277-291.	2.8	154
4	Spatiotemporal dynamic of surface water bodies using Landsat time-series data from 1999 to 2011. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 79, 44-52.	11.1	151
5	Reconciling Forest Conservation and Logging in Indonesian Borneo. PLoS ONE, 2013, 8, e69887.	2.5	116
6	A spatially explicit land surface phenology data product for science, monitoring and natural resources management applications. Environmental Modelling and Software, 2015, 64, 191-204.	4.5	67
7	Remotely sensed forest cover loss shows high spatial and temporal variation across Sumatera and Kalimantan, Indonesia 2000â€“2008. Environmental Research Letters, 2011, 6, 014010.	5.2	65
8	A comparison of sampling designs for estimating deforestation from Landsat imagery: A case study of the Brazilian Legal Amazon. Remote Sensing of Environment, 2009, 113, 2448-2454.	11.0	57
9	Surface water network structure, landscape resistance to movement and flooding vital for maintaining ecological connectivity across Australiaâ€™s largest river basin. Landscape Ecology, 2015, 30, 2045-2065.	4.2	53
10	Mapping individual tree health using full-waveform airborne laser scans and imaging spectroscopy: A case study for a floodplain eucalypt forest. Remote Sensing of Environment, 2016, 187, 202-217.	11.0	49
11	Bottom-up delineation of individual trees from full-waveform airborne laser scans in a structurally complex eucalypt forest. Remote Sensing of Environment, 2016, 173, 69-83.	11.0	46
12	Evaluating static and dynamic landscape connectivity modelling using a 25-year remote sensing time series. Landscape Ecology, 2018, 33, 625-640.	4.2	43
13	Spatiotemporal patterns and effects of climate and land use on surface water extent dynamics in a dryland region with three decades of Landsat satellite data. Science of the Total Environment, 2019, 658, 1574-1585.	8.0	42
14	Surfaceâ€“water dynamics and land use influence landscape connectivity across a major dryland region. Ecological Applications, 2017, 27, 1124-1137.	3.8	38
15	Modeling 25ÂŹyears of spatio-temporal surface water and inundation dynamics on large river basin scale using time series of Earth observation data. Hydrology and Earth System Sciences, 2016, 20, 2227-2250.	4.9	34
16	Quantifying Australia's dryland vegetation response to flooding and drought at sub-continental scale. Remote Sensing of Environment, 2018, 212, 60-78.	11.0	29
17	Spatiotemporal dynamics of surface water networks across a global biodiversity hotspotâ€™implications for conservation. Environmental Research Letters, 2014, 9, 114012.	5.2	28
18	Impact of hydroclimatic variability on regional-scale landscape connectivity across a dynamic dryland region. Ecological Indicators, 2018, 94, 142-150.	6.3	27

#	ARTICLE	IF	CITATIONS
19	Can we detect more ephemeral floods with higher density harmonized Landsat Sentinel 2 data compared to Landsat 8 alone?. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 185, 232-246.	11.1	25
20	Adapting a global stratified random sample for regional estimation of forest cover change derived from satellite imagery. Remote Sensing of Environment, 2011, 115, 650-658.	11.0	22
21	Regional matters: On the usefulness of regional land cover datasets in times of global change. Remote Sensing in Ecology and Conservation, 2022, 8, 272-283.	4.3	20
22	Indices of Vegetation Activity. Springer Remote Sensing/photogrammetry, 2014, , 1-41.	0.4	12
23	Patterns of tree-cover loss along the Indonesiaâ€“Malaysia border on Borneo. International Journal of Remote Sensing, 2013, 34, 5748-5760.	2.9	11
24	Multi-sensor airborne and satellite data for upscaling tree number information in a structurally complex eucalypt forest. International Journal of Applied Earth Observation and Geoinformation, 2018, 73, 397-406.	2.8	1