Melanie Brandmeier

List of Publications by Year
in descending order

13 papers	**435** citations	**9** h-index	**13** g-index
13 all docs	**13** docs citations	**13** times ranked	**622** citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of Tree Species and Standing Dead Trees with Lidar Point Clouds Using Two Deep Neural Networks: PointCNN and 3DmFV-Net. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2022, 90, 103-121.	1.1	12
2	Boosting for Mineral Prospectivity Modeling: A New GIS Toolbox. Natural Resources Research, 2020, 29, 71-88.	4.7	28
3	A Hierarchical Deep-Learning Approach for Rapid Windthrow Detection on PlanetScope and High-Resolution Aerial Image Data. Remote Sensing, 2020, 12, 2121.	4.0	10
4	A Deep Learning Approach for Calamity Assessment Using Sentinel-2 Data. Forests, 2020, 11, 1239.	2.1	6
5	Forest Damage Assessment Using Deep Learning on High Resolution Remote Sensing Data. Remote Sensing, 2019, 11, 1976.	4.0	89
6	Evaluation of Different Machine Learning Algorithms for Scalable Classification of Tree Types and Tree Species Based on Sentinel-2 Data. Remote Sensing, 2018, 10, 1419.	4.0	109
7	Remote Sensing Exploration of Nb-Ta-LREE-Enriched Carbonatite (Epembe/Namibia). Remote Sensing, 2016, 8, 620.	4.0	33
8	Compositional variations of ignimbrite magmas in the Central Andes over the past 26 Ma â€" A multivariate statistical perspective. Lithos, 2016, 262, 713-728.	1.4	35
9	The origin and crust/mantle mass balance of Central Andean ignimbrite magmatism constrained by oxygen and strontium isotopes and erupted volumes. Contributions To Mineralogy and Petrology, 2015, 169, 1.	3.1	47
10	Automated recognition of quasiâ€planar ignimbrite sheets as paleosurfaces via robust segmentation of digital elevation models: an example from the Central Andes. Earth Surface Processes and Landforms, 2014, 39, 1386-1399.	2.5	6
11	Mapping patterns of mineral alteration in volcanic terrains using ASTER data and field spectrometry in Southern Peru. Journal of South American Earth Sciences, 2013, 48, 296-314.	1.4	13
12	New challenges for tafoni research. A new approach to understand processes and weathering rates. Earth Surface Processes and Landforms, 2011, 36, 839-852.	2.5	36
13	Remote sensing of Carhuarazo volcanic complex using ASTER imagery in Southern Peru to detect alteration zones and volcanic structures â€" a combined approach of image processing in ENVI and ArcGIS/ArcScene. Geocarto International, 2010, 25, 629-648.	3.5	11