Melanie Brandmeier

List of Publications by Year
in descending order

		1040056	1125743
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	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
2	Forest Damage Assessment Using Deep Learning on High Resolution Remote Sensing Data. Remote Sensing, 2019, 11, 1976.	4.0	89
3	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
4	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
5	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
6	Remote Sensing Exploration of Nb-Ta-LREE-Enriched Carbonatite (Epembe/Namibia). Remote Sensing, 2016, 8, 620.	4.0	33
7	Boosting for Mineral Prospectivity Modeling: A New GIS Toolbox. Natural Resources Research, 2020, 29, 71-88.	4.7	28
8	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
9	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
10	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
11	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
12	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
13	A Deep Learning Approach for Calamity Assessment Using Sentinel-2 Data. Forests, 2020, 11, 1239.	2.1	6