

Jukka Miettinen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1681861/publications.pdf>

Version: 2024-02-01

37
papers

3,758
citations

218592

26
h-index

377752

34
g-index

38
all docs

38
docs citations

38
times ranked

3924
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Key Drivers of Peatland Fires Across Kalimantan's Ex-Mega Rice Project Using Machine Learning. <i>Earth and Space Science</i> , 2021, 8, .	1.1	6
2	Demonstration of large area forest volume and primary production estimation approach based on Sentinel-2 imagery and process based ecosystem modelling. <i>International Journal of Remote Sensing</i> , 2021, 42, 9467-9489.	1.3	10
3	Numerical simulation of seasonal mesoscale atmospheric flow field variables using ARW over the Singapore region: impact of land use land cover. <i>Meteorological Applications</i> , 2020, 27, e1846.	0.9	0
4	Comparison of visual and automated oil palm mapping in Borneo. <i>International Journal of Remote Sensing</i> , 2019, 40, 8174-8185.	1.3	15
5	Towards automated 10–30 m resolution land cover mapping in insular South-East Asia. <i>Geocarto International</i> , 2019, 34, 443-457.	1.7	14
6	Global Demand for Natural Resources Eliminated More Than 100,000 Bornean Orangutans. <i>Current Biology</i> , 2018, 28, 761-769.e5.	1.8	94
7	Combined impacts of deforestation and wildlife trade on tropical biodiversity are severely underestimated. <i>Nature Communications</i> , 2018, 9, 4052.	5.8	133
8	Towards Operational Monitoring of Forest Canopy Disturbance in Evergreen Rain Forests: A Test Case in Continental Southeast Asia. <i>Remote Sensing</i> , 2018, 10, 544.	1.8	47
9	From carbon sink to carbon source: extensive peat oxidation in insular Southeast Asia since 1990. <i>Environmental Research Letters</i> , 2017, 12, 024014.	2.2	155
10	Fire Distribution in Peninsular Malaysia, Sumatra and Borneo in 2015 with Special Emphasis on Peatland Fires. <i>Environmental Management</i> , 2017, 60, 747-757.	1.2	67
11	Denial of long-term issues with agriculture on tropical peatlands will have devastating consequences. <i>Global Change Biology</i> , 2017, 23, 977-982.	4.2	114
12	A Unified Cropland Layer at 250 m for Global Agriculture Monitoring. <i>Data</i> , 2016, 1, 3.	1.2	52
13	On the extent of fire-induced forest degradation in Mato Grosso, Brazilian Amazon, in 2000, 2005 and 2010. <i>International Journal of Wildland Fire</i> , 2016, 25, 129.	1.0	3
14	2015 Land cover map of Southeast Asia at 250 m spatial resolution. <i>Remote Sensing Letters</i> , 2016, 7, 701-710.	0.6	65
15	Land cover distribution in the peatlands of Peninsular Malaysia, Sumatra and Borneo in 2015 with changes since 1990. <i>Global Ecology and Conservation</i> , 2016, 6, 67-78.	1.0	354
16	Estimating Burned Area in Mato Grosso, Brazil, Using an Object-Based Classification Method on a Systematic Sample of Medium Resolution Satellite Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 4502-4508.	2.3	23
17	Remote sensing of forest degradation in Southeast Asia—Aiming for a regional view through 5–30 m satellite data. <i>Global Ecology and Conservation</i> , 2014, 2, 24-36.	1.0	100
18	Physical and optical characteristics of the October 2010 haze event over Singapore: A photometric and lidar analysis. <i>Atmospheric Research</i> , 2013, 122, 555-570.	1.8	55

#	ARTICLE	IF	CITATIONS
19	Observing and understanding the Southeast Asian aerosol system by remote sensing: An initial review and analysis for the Seven Southeast Asian Studies (7SEAS) program. <i>Atmospheric Research</i> , 2013, 122, 403-468.	1.8	269
20	Detection of vegetation fires and burnt areas by remote sensing in insular Southeast Asian conditions: current status of knowledge and future challenges. <i>International Journal of Remote Sensing</i> , 2013, 34, 4344-4366.	1.3	25
21	Global extinctions of freshwater fishes follow peatland conversion in Sundaland. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 465-470.	1.9	58
22	Peatland degradation and conversion sequences and interrelations in Sumatra. <i>Regional Environmental Change</i> , 2012, 12, 729-737.	1.4	60
23	Two decades of destruction in Southeast Asia's peat swamp forests. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 124-128.	1.9	234
24	2010 land cover map of insular Southeast Asia in 250-m spatial resolution. <i>Remote Sensing Letters</i> , 2012, 3, 11-20.	0.6	136
25	Extent of industrial plantations on Southeast Asian peatlands in 2010 with analysis of historical expansion and future projections. <i>GCB Bioenergy</i> , 2012, 4, 908-918.	2.5	195
26	Separability of insular Southeast Asian woody plantation species in the 50m resolution ALOS PALSAR mosaic product. <i>Remote Sensing Letters</i> , 2011, 2, 299-307.	0.6	60
27	Rethinking the "back to wilderness" concept for Sundaland's forests. <i>Biological Conservation</i> , 2011, 144, 3149-3152.	1.9	33
28	Deforestation rates in insular Southeast Asia between 2000 and 2010. <i>Global Change Biology</i> , 2011, 17, 2261-2270.	4.2	485
29	Influence of peatland and land cover distribution on fire regimes in insular Southeast Asia. <i>Regional Environmental Change</i> , 2011, 11, 191-201.	1.4	38
30	Remotely sensed evidence of tropical peatland conversion to oil palm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5127-5132.	3.3	459
31	Status of Peatland Degradation and Development in Sumatra and Kalimantan. <i>Ambio</i> , 2010, 39, 394-401.	2.8	70
32	500M spatial resolution land cover map in insular Southeast Asia. , 2009, , .		0
33	Estimation of biomass distribution in Peninsular Malaysia and in the islands of Sumatra, Java and Borneo based on multi-resolution remote sensing land cover analysis. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2009, 14, 357-373.	1.0	7
34	Burn-scar patterns and their effect on regional burnt-area mapping in insular South-East Asia. <i>International Journal of Wildland Fire</i> , 2009, 18, 837.	1.0	28
35	Effect of Burn Scar Pattern Variability on Medium Resolution Burnt Area Mapping in Southeast Asia. , 2008, , .		0
36	Burnt area estimation for the year 2005 in Borneo using multi-resolution satellite imagery. <i>International Journal of Wildland Fire</i> , 2007, 16, 45.	1.0	34

#	ARTICLE	IF	CITATIONS
37	Land cover change 2002–2005 in Borneo and the role of fire derived from MODIS imagery. <i>Global Change Biology</i> , 2007, 13, 2329-2340.	4.2	256