Jukka Miettinen

List of Publications by Year
in descending order

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

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37	3,758	218592	377752
papers	citations	26 h-index	34 g-index

38	38	38	3924
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deforestation rates in insular Southeast Asia between 2000 and 2010. Global Change Biology, 2011, 17, 2261-2270.	4.2	485
2	Remotely sensed evidence of tropical peatland conversion to oil palm. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5127-5132.	3.3	459
3	Land cover distribution in the peatlands of Peninsular Malaysia, Sumatra and Borneo in 2015 with changes since 1990. Global Ecology and Conservation, 2016, 6, 67-78.	1.0	354
4	Observing and understanding the Southeast Asian aerosol system by remote sensing: An initial review and analysis for the Seven Southeast Asian Studies (7SEAS) program. Atmospheric Research, 2013, 122, 403-468.	1.8	269
5	Land cover change 2002â€“2005 in Borneo and the role of fire derived from MODIS imagery. Global Change Biology, 2007, 13, 2329-2340.	4.2	256
6	Two decades of destruction in Southeast Asia's peat swamp forests. Frontiers in Ecology and the Environment, 2012, 10, 124-128.	1.9	234
7	Extent of industrial plantations on <scp>S</scp>outheast <scp>A</scp>sian peatlands in 2010 with analysis of historical expansion and future projections. GCB Bioenergy, 2012, 4, 908-918.	2.5	195
8	From carbon sink to carbon source: extensive peat oxidation in insular Southeast Asia since 1990. Environmental Research Letters, 2017, 12, 024014.	2.2	155
9	2010 land cover map of insular Southeast Asia in 250-m spatial resolution. Remote Sensing Letters, 2012, 3, 11-20.	0.6	136
10	Combined impacts of deforestation and wildlife trade on tropical biodiversity are severely underestimated. Nature Communications, 2018, 9, 4052.	5.8	133
11	Denial of longâ€term issues with agriculture on tropical peatlands will have devastating consequences. Global Change Biology, 2017, 23, 977-982.	4.2	114
12	Remote sensing of forest degradation in Southeast Asiaâ€”Aiming for a regional view through 5â€“30 m satellite data. Global Ecology and Conservation, 2014, 2, 24-36.	1.0	100
13	Global Demand for Natural Resources Eliminated More Than 100,000 Bornean Orangutans. Current Biology, 2018, 28, 761-769.e5.	1.8	94
14	Status of Peatland Degradation and Development in Sumatra and Kalimantan. Ambio, 2010, 39, 394-401.	2.8	70
15	Fire Distribution in Peninsular Malaysia, Sumatra and Borneo in 2015 with Special Emphasis on Peatland Fires. Environmental Management, 2017, 60, 747-757.	1.2	67
16	2015 Land cover map of Southeast Asia at 250 m spatial resolution. Remote Sensing Letters, 2016, 7, 701-710.	0.6	65
17	Separability of insular Southeast Asian woody plantation species in the 50Âm resolution ALOS PALSAR mosaic product. Remote Sensing Letters, 2011, 2, 299-307.	0.6	60
18	Peatland degradation and conversion sequences and interrelations in Sumatra. Regional Environmental Change, 2012, 12, 729-737.	1.4	60

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19	Global extinctions of freshwater fishes follow peatland conversion in Sundaland. Frontiers in Ecology and the Environment, 2012, 10, 465-470.	1.9	58
20	Physical and optical characteristics of the October 2010 haze event over Singapore: A photometric and lidar analysis. Atmospheric Research, 2013, 122, 555-570.	1.8	55
21	A Unified Cropland Layer at 250 m for Global Agriculture Monitoring. Data, 2016, 1, 3.	1.2	52
22	Towards Operational Monitoring of Forest Canopy Disturbance in Evergreen Rain Forests: A Test Case in Continental Southeast Asia. Remote Sensing, 2018, 10, 544.	1.8	47
23	Influence of peatland and land cover distribution on fire regimes in insular Southeast Asia. Regional Environmental Change, 2011, 11, 191-201.	1.4	38
24	Burnt area estimation for the year 2005 in Borneo using multi-resolution satellite imagery. International Journal of Wildland Fire, 2007, 16, 45.	1.0	34
25	Rethinking the â€˜back to wildernessâ€™ concept for Sundalandâ€™s forests. Biological Conservation, 2011, 144, 3149-3152.	1.9	33
26	Burn-scar patterns and their effect on regional burnt-area mapping in insular South-East Asia. International Journal of Wildland Fire, 2009, 18, 837.	1.0	28
27	Detection of vegetation fires and burnt areas by remote sensing in insular Southeast Asian conditions: current status of knowledge and future challenges. International Journal of Remote Sensing, 2013, 34, 4344-4366.	1.3	25
28	Estimating Burned Area in Mato Grosso, Brazil, Using an Object-Based Classification Method on a Systematic Sample of Medium Resolution Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4502-4508.	2.3	23
29	Comparison of visual and automated oil palm mapping in Borneo. International Journal of Remote Sensing, 2019, 40, 8174-8185.	1.3	15
30	Towards automated 10â€“30Âm resolution land cover mapping in insular South-East Asia. Geocarto International, 2019, 34, 443-457.	1.7	14
31	Demonstration of large area forest volume and primary production estimation approach based on Sentinel-2 imagery and process based ecosystem modelling. International Journal of Remote Sensing, 2021, 42, 9467-9489.	1.3	10
32	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. Mitigation and Adaptation Strategies for Global Change, 2009, 14, 357-373.	1.0	7
33	Identifying Key Drivers of Peatland Fires Across Kalimantan's Exâ€Mega Rice Project Using Machine Learning. Earth and Space Science, 2021, 8, .	1.1	6
34	On the extent of fire-induced forest degradation in Mato Grosso, Brazilian Amazon, in 2000, 2005 and 2010. International Journal of Wildland Fire, 2016, 25, 129.	1.0	3
35	Effect of Burn Scar Pattern Variability on Medium Resolution Burnt Area Mapping in Southeast Asia. , 2008, , .		0
36	500M spatial resolution land cover map in insular Southeast Asia. , 2009, , .		0

#	Article	IF	Citations
37	Numerical simulation of seasonal mesoscale atmospheric flowâ€field variables using ARW over the Singapore region: impact of land use land cover. Meteorological Applications, 2020, 27, e1846.	0.9	0