Fahmuddin Agus

List of Publications by Year
in descending order

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38 papers	1,067 citations	430874 18 h-index	414414 32 g-index
42 all docs	42 docs citations	42 times ranked	1347 citing authors

#	Article	IF	Citations
1	Runoff and sediment losses from 27 upland catchments in Southeast Asia: Impact of rapid land use changes and conservation practices. Agriculture, Ecosystems and Environment, 2008, 128, 225-238.	5.3	269
2	Factors affecting soil loss at plot scale and sediment yield at catchment scale in a tropical volcanic agroforestry landscape. Catena, 2010, 80, 34-46.	5.0	73
3	CO2 emissions from tropical drained peat in Sumatra, Indonesia. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 845-862.	2.1	65
4	Root- and peat-based CO2 emissions from oil palm plantations. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 831-843.	2.1	64
5	Mud, muddle and models in the knowledge value-chain to action on tropical peatland conservation. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 887-905.	2.1	47
6	Pilot application of PalmGHG, the Roundtable on Sustainable Palm Oil greenhouse gas calculator for oil palm products. Journal of Cleaner Production, 2014, 73, 136-145.	9.3	47
7	Southeast Asia must narrow down the yield gap to continue to be a major rice bowl. Nature Food, 2022, 3, 217-226.	14.0	45
8	Conservation slows down emission increase from a tropical peatland in Indonesia. Nature Geoscience, 2021, 14, 484-490.	12.9	35
9	Impact of forest plantation on methane emissions from tropical peatland. Global Change Biology, 2020, 26, 2477-2495.	9.5	34
10	Fostering a climate-smart intensification for oil palm. Nature Sustainability, 2021, 4, 595-601.	23.7	34
11	Is CO2 flux from oil palm plantations on peatland controlled by soil moisture and/or soil and air temperatures?. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 809-819.	2.1	33
12	Yield gaps in intensive rice-maize cropping sequences in the humid tropics of Indonesia. Field Crops Research, 2019, 237, 12-22.	5.1	29
13	Anthropogenic impacts on lowland tropical peatland biogeochemistry. Nature Reviews Earth & Environment, 2022, 3, 426-443.	29.7	28
14	Improving the accuracy of land cover classification in cloud persistent areas using optical and radar satellite image time series. Methods in Ecology and Evolution, 2020, 11, 532-541.	5.2	27
15	Smallholder perceptions of land restoration activities: rewetting tropical peatland oil palm areas in Sumatra, Indonesia. Regional Environmental Change, 2021, 21, 1.	2.9	24
16	Simulating rice and maize yield potential in the humid tropical environment of Indonesia. European Journal of Agronomy, 2018, 101, 10-19.	4.1	21
17	Reducing emissions from land use in Indonesia: motivation, policy instruments and expected funding streams. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 677.	2.1	20
18	An indigenous agricultural model from West Sumatra: A source of scientific insight. Agricultural Systems, 1988, 26, 191-209.	6.1	19

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19	Grain crop response to contour hedgerow systems on sloping Oxisols. Agroforestry Systems, 1998, 42, 107-120.	2.0	18
20	A comparison of satellite remote sensing data fusion methods to map peat swamp forest loss in Sumatra, Indonesia. Remote Sensing in Ecology and Conservation, 2019, 5, 247-258.	4.3	18
21	Impact of urbanization trends on production of key staple crops. Ambio, 2022, 51, 1158-1167.	5.5	18
22	Environmental multifunctionality of Indonesian agriculture. Paddy and Water Environment, 2006, 4, 181-188.	1.8	17
23	Wading through the swamp: what does tropical peatland restoration mean to nationalâ€level stakeholders in Indonesia?. Restoration Ecology, 2020, 28, 817-827.	2.9	16
24	Peat emission control by groundwater management and soil amendments: evidence from laboratory experiments. Mitigation and Adaptation Strategies for Global Change, 2014, 19, 821-829.	2.1	15
25	LAND USE CHANGE AND RECOMMENDATION FOR SUSTAINABLE DEVELOPMENT OF PEATLAND FOR AGRICULTURE: Case Study at Kubu Raya and Pontianak Districts, West Kalimantan. Indonesian Journal of Agricultural Science, 2010, 11, 32.	0.3	11
26	Fieldâ€Scale Bromide Transport as Affected by Tillage. Soil Science Society of America Journal, 1992, 56, 254-260.	2.2	10
27	MAGGnet: An international network to foster mitigation of agricultural greenhouse gases. Carbon Management, 2016, 7, 243-248.	2.4	7
28	Bromide Transport under Contour Hedgerow Systems in Sloping Oxisols. Soil Science Society of America Journal, 1998, 62, 1042-1048.	2.2	5
29	Relationship between Distance Sampling and Carbon Dioxide Emission under Oil Palm Plantation. Jurnal Tanah Tropika, 2013, 18, 125.	0.2	5
30	Reclamation of post-tin mining areas using forages: A strategy based on soil mineralogy, chemical properties and particle size of the refused materials. Catena, 2022, 213, 106140.	5.0	5
31	Semiarid Soils of Eastern Indonesia: Soil Classification and Land Uses. , 2013, , 449-466.		3
32	Microbial Activities as Affected by Peat Dryness and Ameliorant. American Journal of Environmental Sciences, 2011, 7, 348-353.	0.5	2
33	LAND USE CHANGE AND RECOMMENDATION FOR SUSTAINABLE DEVELOPMENT OF PEATLAND FOR AGRICULTURE: Case Study at Kubu Raya and Pontianak Districts, West Kalimantan. Indonesian Journal of Agricultural Science, 2010, 11, 32.	0.3	2
34	ALTERNATIVE TREE CROPS FOR RECONSTRUCTION OF THE GREEN INFRASTRUCTURE POST-TSUNAMI IN THE COASTAL AREAS OF ACEH BARAT DISTRICT. Indonesian Journal of Agricultural Science, 2016, 10, 1.	0.3	1
35	Ameliorant Application on Variation of Carbon Stock and Ash Content on Peatland South Kalimantan. Jurnal Tanah Tropika, 2013, 18, 11-16.	0.2	0
36	Ameliorant Application on Variation of Carbon Stock and Ash Content on Peatland South Kalimantan. Jurnal Tanah Tropika, 2013, 18, 11.	0.2	0

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37	Characteristics of Tropical Drained Peatlands and CO2 Emission under Several Land Use Types. Jurnal Tanah Tropika, 2016, 20, 47-57.	0.2	0
38	No evidence for tradeâ€offs between bird diversity, yield and water table depth on oil palm smallholdings: Implications for tropical peatland landscape restoration. Journal of Applied Ecology, 2022, 59, 1231-1247.	4.0	0