

Marife D Corre

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

3,247
citations

32
h-index

56
g-index

78
ext. papers

3,921
ext. citations

5.9
avg, IF

5.32
L-index

#	Paper	IF	Citations
74	Implementing a New Rubber Plant Functional Type in the Community Land Model (CLM5) Improves Accuracy of Carbon and Water Flux Estimation. <i>Land</i> , 2022 , 11, 183	3.5	0
73	Responses of tree growth and biomass production to nutrient addition in a semi-deciduous tropical forest in Africa.. <i>Ecology</i> , 2022 , e3659	4.6	1
72	Using a Bottom-Up Approach to Scale Leaf Photosynthetic Traits of Oil Palm, Rubber, and Two Coexisting Tropical Woody Species. <i>Forests</i> , 2021 , 12, 359	2.8	1
71	Mulching with pruned fronds promotes the internal soil N cycling and soil fertility in a large-scale oil palm plantation. <i>Biogeochemistry</i> , 2021 , 154, 63-80	3.8	3
70	Nutrient saturation of crop monocultures and agroforestry indicated by nutrient response efficiency. <i>Nutrient Cycling in Agroecosystems</i> , 2021 , 119, 69-82	3.3	3
69	Nitrogen and Phosphorus Control Soil Methane Uptake in Tropical Montane Forests. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005970	3.7	1
68	Substantial Stem Methane Emissions From Rainforest and Cacao Agroforest Partly Negate Soil Uptake in the Congo Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2021JG006312	3.7	1
67	Soil greenhouse gas fluxes following conventional selective and reduced-impact logging in a Congo Basin rainforest. <i>Biogeochemistry</i> , 2020 , 151, 153-170	3.8	7
66	Trade-offs between multifunctionality and profit in tropical smallholder landscapes. <i>Nature Communications</i> , 2020 , 11, 1186	17.4	52
65	Measured greenhouse gas budgets challenge emission savings from palm-oil biodiesel. <i>Nature Communications</i> , 2020 , 11, 1089	17.4	30
64	Herbicide weed control increases nutrient leaching compared to mechanical weeding in a large-scale oil palm plantation. <i>Biogeosciences</i> , 2020 , 17, 5243-5262	4.6	3
63	Stem and soil nitrous oxide fluxes from rainforest and cacao agroforest on highly weathered soils in the Congo Basin. <i>Biogeosciences</i> , 2020 , 17, 5377-5397	4.6	4
62	Deforestation and reforestation impacts on soils in the tropics. <i>Nature Reviews Earth & Environment</i> , 2020 , 1, 590-605	30.2	46
61	Changes in soil organic carbon and nutrient stocks in conventional selective logging versus reduced-impact logging in rainforests on highly weathered soils in Southern Cameroon. <i>Forest Ecology and Management</i> , 2019 , 451, 117522	3.9	8
60	Patterns in Soil Chemical Weathering Related to Topographic Gradients and Vegetation Structure in a High Andean Tropical Ecosystem. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019 , 124, 666-685	3.8	10
59	Impacts of burning on soil trace gas fluxes in two wooded savanna sites in Burkina Faso. <i>Journal of Arid Environments</i> , 2019 , 165, 132-140	2.5	7
58	Poplar Rows in Temperate Agroforestry Croplands Promote Bacteria, Fungi, and Denitrification Genes in Soils. <i>Frontiers in Microbiology</i> , 2019 , 10, 3108	5.7	12

57	Conversion of monoculture cropland and open grassland to agroforestry alters the abundance of soil bacteria, fungi and soil-N-cycling genes. <i>PLoS ONE</i> , 2019 , 14, e0218779	3.7	19
56	Reducing Fertilizer and Avoiding Herbicides in Oil Palm Plantations: Ecological and Economic Valuations. <i>Frontiers in Forests and Global Change</i> , 2019 , 2,	3.7	34
55	Canopy soil of oil palm plantations emits methane and nitrous oxide. <i>Soil Biology and Biochemistry</i> , 2018 , 122, 1-6	7.5	5
54	Observation-based implementation of ecophysiological processes for a rubber plant functional type in the community land model (CLM4.5-rubber_v1) 2018 ,		1
53	Conversion of tropical forests to smallholder rubber and oil palm plantations impacts nutrient leaching losses and nutrient retention efficiency in highly weathered soils. <i>Biogeosciences</i> , 2018 , 15, 5131-5154 ¹⁹	4.6	19
52	Canopy soil greenhouse gas dynamics in response to indirect fertilization across an elevation gradient of tropical montane forests. <i>Biotropica</i> , 2017 , 49, 153-159	2.3	4
51	Gross N ₂ O emission and gross N ₂ O uptake in soils under temperate spruce and beech forests. <i>Soil Biology and Biochemistry</i> , 2017 , 112, 228-236	7.5	10
50	Spatial variability in soil organic carbon in a tropical montane landscape: associations between soil organic carbon and land use, soil properties, vegetation, and topography vary across plot to landscape scales. <i>Soil</i> , 2017 , 3, 123-137	5.8	2
49	Soil trace gas fluxes along orthogonal precipitation and soil fertility gradients in tropical lowland forests of Panama. <i>Biogeosciences</i> , 2017 , 14, 3509-3524	4.6	10
48	Soil nitrogen oxide fluxes from lowland forests converted to smallholder rubber and oil palm plantations in Sumatra, Indonesia. <i>Biogeosciences</i> , 2017 , 14, 2781-2798	4.6	27
47	Nitrous oxide emissions from stems of alder, beech and spruce in a temperate forest. <i>Plant and Soil</i> , 2017 , 420, 423-434	4.2	17
46	Direct and cascading impacts of tropical land-use change on multi-trophic biodiversity. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1511-1519	12.3	77
45	Partial Nutrient Budget from Lowland Forests Converted to Oil Palm and Rubber Plantations in Sumatra, Indonesia 2017 , 273-285		
44	A review of the ecosystem functions in oil palm plantations, using forests as a reference system. <i>Biological Reviews</i> , 2017 , 92, 1539-1569	13.5	145
43	Tree-microbial biomass competition for nutrients in a temperate deciduous forest, central Germany. <i>Plant and Soil</i> , 2016 , 408, 227-242	4.2	7
42	Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. <i>Nature Communications</i> , 2016 , 7, 13137	17.4	116
41	Disentangling gross NO production and consumption in soil. <i>Scientific Reports</i> , 2016 , 6, 36517	4.9	23
40	Spatial variability surpasses land-use change effects on soil biochemical properties of converted lowland landscapes in Sumatra, Indonesia. <i>Geoderma</i> , 2016 , 284, 42-50	6.7	36

39	Response of N cycling to nutrient inputs in forest soils across a 1000-3000 m elevation gradient in the Ecuadorian Andes. <i>Ecology</i> , 2015 , 96, 749-61	4.6	51
38	Variation in Canopy Litterfall Along a Precipitation and Soil Fertility Gradient in a Panamanian Lower Montane Forest. <i>Biotropica</i> , 2015 , 47, 300-309	2.3	6
37	Free-living nitrogen fixation responds to elevated nutrient inputs in tropical montane forest floor and canopy soils of southern Ecuador. <i>Biogeochemistry</i> , 2015 , 122, 281-294	3.8	32
36	Conversion of lowland tropical forests to tree cash crop plantations loses up to one-half of stored soil organic carbon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9956-60	11.5	116
35	Tree species diversity effects on productivity, soil nutrient availability and nutrient response efficiency in a temperate deciduous forest. <i>Forest Ecology and Management</i> , 2015 , 338, 114-123	3.9	32
34	Soil N ₂ O fluxes along an elevation gradient of tropical montane forests under experimental nitrogen and phosphorus addition. <i>Frontiers in Earth Science</i> , 2015 , 3,	3.5	23
33	Impact of Lowland Rainforest Transformation on Diversity and Composition of Soil Prokaryotic Communities in Sumatra (Indonesia). <i>Frontiers in Microbiology</i> , 2015 , 6, 1339	5.7	62
32	Soil Nitrogen-Cycling Responses to Conversion of Lowland Forests to Oil Palm and Rubber Plantations in Sumatra, Indonesia. <i>PLoS ONE</i> , 2015 , 10, e0133325	3.7	109
31	Degradation of Root Community Traits as Indicator for Transformation of Tropical Lowland Rain Forests into Oil Palm and Rubber Plantations. <i>PLoS ONE</i> , 2015 , 10, e0138077	3.7	25
30	Asymbiotic biological nitrogen fixation in a temperate grassland as affected by management practices. <i>Soil Biology and Biochemistry</i> , 2014 , 70, 38-46	7.5	29
29	Nitrogen-oxide emissions from tropical forest soils exposed to elevated nitrogen input strongly interact with rainfall quantity and seasonality. <i>Biogeochemistry</i> , 2014 , 118, 103-120	3.8	31
28	Nitrogen retention efficiency and nitrogen losses of a managed and phytodiverse temperate grassland. <i>Basic and Applied Ecology</i> , 2014 , 15, 207-218	3.2	9
27	Nitrogen cycling in canopy soils of tropical montane forests responds rapidly to indirect N and P fertilization. <i>Global Change Biology</i> , 2014 , 20, 3802-13	11.4	28
26	Soil redistribution by terracing alleviates soil organic carbon losses caused by forest conversion to rubber plantation. <i>Forest Ecology and Management</i> , 2014 , 313, 26-33	3.9	34
25	Nitrogen response efficiency of a managed and phytodiverse temperate grassland. <i>Plant and Soil</i> , 2013 , 364, 193-206	4.2	14
24	Responses of nitrous oxide fluxes and soil nitrogen cycling to nutrient additions in montane forests along an elevation gradient in southern Ecuador. <i>Biogeochemistry</i> , 2013 , 112, 625-636	3.8	53
23	Soil carbon stocks decrease following conversion of secondary forests to rubber (<i>Hevea brasiliensis</i>) plantations. <i>PLoS ONE</i> , 2013 , 8, e69357	3.7	107
22	An in-depth look into a tropical lowland forest soil: nitrogen-addition effects on the contents of N ₂ O, CO ₂ and CH ₄ and N ₂ O isotopic signatures down to 2-m depth. <i>Biogeochemistry</i> , 2012 , 111, 695-713	3.8	48

21	Responses of fine roots to experimental nitrogen addition in a tropical lower montane rain forest, Panama. <i>Journal of Tropical Ecology</i> , 2011 , 27, 73-81	1.3	12
20	Potassium, phosphorus, or nitrogen limit root allocation, tree growth, or litter production in a lowland tropical forest. <i>Ecology</i> , 2011 , 92, 1616-25	4.6	379
19	Restoration of Ecosystem Carbon Stocks Following Exclosure Establishment in Communal Grazing Lands in Tigray, Ethiopia. <i>Soil Science Society of America Journal</i> , 2011 , 75, 246-256	2.5	57
18	Simulated drought reduces soil CO ₂ efflux and production in a tropical forest in Sulawesi, Indonesia. <i>Ecosphere</i> , 2011 , 2, art119	3.1	27
17	Geographic bias of field observations of soil carbon stocks with tropical land-use changes precludes spatial extrapolation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 6318-22	11.5	190
16	Carbon Changes Following the Establishment of Exclosure on Communal Grazing Lands in the Semi-Arid Lowlands of Tigray, Ethiopia. <i>Climate Change Management</i> , 2011 , 111-131	0.6	2
15	Plant-Soil associations in a lower montane tropical forest: physiological acclimation and herbivore-mediated responses to nitrogen addition. <i>Functional Ecology</i> , 2010 , 24, 1171-1180	5.6	36
14	Methane emissions from tank bromeliads in neotropical forests. <i>Nature Geoscience</i> , 2010 , 3, 766-769	18.3	62
13	Impact of elevated N input on soil N cycling and losses in old-growth lowland and montane forests in Panama. <i>Ecology</i> , 2010 , 91, 1715-29	4.6	126
12	Variability of soil N cycling and N ₂ O emission in a mixed deciduous forest with different abundance of beech. <i>Plant and Soil</i> , 2010 , 336, 25-38	4.2	21
11	Early effect of elevated nitrogen input on above-ground net primary production of a lower montane rain forest, Panama. <i>Journal of Tropical Ecology</i> , 2009 , 25, 637-647	1.3	43
10	Immediate and long-term nitrogen oxide emissions from tropical forest soils exposed to elevated nitrogen input. <i>Global Change Biology</i> , 2009 , 15, 2049-2066	11.4	97
9	Soil N cycling in old-growth forests across an Andosol toposequence in Ecuador. <i>Forest Ecology and Management</i> , 2009 , 257, 2079-2087	3.9	35
8	Differing N status and N retention processes of soils under old-growth lowland forest in Eastern Amazonia, Caxiuan, Brazil. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 740-750	7.5	79
7	Cold storage and laboratory incubation of intact soil cores do not reflect in-situ nitrogen cycling rates of tropical forest soils. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 2480-2483	7.5	56
6	Land use change effects on trace gas fluxes in the forest margins of Central Sulawesi, Indonesia. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		34
5	Changes in nitrogen cycling and retention processes in soils under spruce forests along a nitrogen enrichment gradient in Germany. <i>Global Change Biology</i> , 2007 , 13, 1509-1527	11.4	106
4	Soil Nitrogen Cycling Following Montane Forest Conversion in Central Sulawesi, Indonesia. <i>Soil Science Society of America Journal</i> , 2006 , 70, 359-366	2.5	43

3	REVERSAL OF NITROGEN SATURATION AFTER LONG-TERM DEPOSITION REDUCTION: IMPACT ON SOIL NITROGEN CYCLING. <i>Ecology</i> , 2004 , 85, 3090-3104	4.6	57
2	SOIL NITROGEN CYCLE IN HIGH NITROGEN DEPOSITION FOREST: CHANGES UNDER NITROGEN SATURATION AND LIMING 2003 , 13, 287-298		107
1	Spatial and seasonal variation of gross nitrogen transformations and microbial biomass in a Northeastern US grassland. <i>Soil Biology and Biochemistry</i> , 2002 , 34, 445-457	7.5	123