

Edzo Veldkamp

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.

136
papers

7,160
citations

48
h-index

81
g-index

158
ext. papers

8,152
ext. citations

6.3
avg, IF

5.91
L-index

#	Paper	IF	Citations
136	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
135	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
134	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
133	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
132	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
131	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
130	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
129	Late Holocene ENSO-related fire impact on vegetation, nutrient status and carbon accumulation of peatlands in Jambi, Sumatra, Indonesia. <i>Review of Palaeobotany and Palynology</i> , 2021 , 293, 104482	1.7	0
128	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
127	Trade-offs between multifunctionality and profit in tropical smallholder landscapes. <i>Nature Communications</i> , 2020 , 11, 1186	17.4	52
126	Soil research challenges in response to emerging agricultural soil management practices. <i>Advances in Agronomy</i> , 2020 , 179-240	7.7	11
125	Measured greenhouse gas budgets challenge emission savings from palm-oil biodiesel. <i>Nature Communications</i> , 2020 , 11, 1089	17.4	30
124	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
123	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
122	Deforestation and reforestation impacts on soils in the tropics. <i>Nature Reviews Earth & Environment</i> , 2020 , 1, 590-605	30.2	46
121	Soil Carbon Dynamics Following Land Use Changes and Conversion to Oil Palm Plantations in Tropical Lowlands Inferred From Radiocarbon. <i>Global Biogeochemical Cycles</i> , 2020 , 34, e2019GB006461	5.9	2
120	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

119	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
118	Tree Species Shape Soil Bacterial Community Structure and Function in Temperate Deciduous Forests. <i>Frontiers in Microbiology</i> , 2019 , 10, 1519	5.7	34
117	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
116	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
115	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
114	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
113	Canopy soil of oil palm plantations emits methane and nitrous oxide. <i>Soil Biology and Biochemistry</i> , 2018 , 122, 1-6	7.5	5
112	Cocoa production: Monocultures are not the solution to climate adaptation-Response to Abdulai et al. 2017. <i>Global Change Biology</i> , 2018 , 24, 561-562	11.4	7
111	Observation-based implementation of ecophysiological processes for a rubber plant functional type in the community land model (CLM4.5-rubber_v1) 2018 ,		1
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	Partial Nutrient Budget from Lowland Forests Converted to Oil Palm and Rubber Plantations in Sumatra, Indonesia 2017 , 273-285		

101	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
100	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
99	Disentangling gross NO production and consumption in soil. <i>Scientific Reports</i> , 2016 , 6, 36517	4.9	23
98	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
97	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
96	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
95	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
94	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
93	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
92	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
91	Soil fertility controls soil-atmosphere carbon dioxide and methane fluxes in a tropical landscape converted from lowland forest to rubber and oil palm plantations. <i>Biogeosciences</i> , 2015 , 12, 5831-5852	4.6	42
90	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
89	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
88	Implementing REDD+ (Reducing Emissions from Deforestation and Degradation): evidence on governance, evaluation and impacts from the REDD-ALERT project. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2014 , 19, 907-925	3.9	16
87	Determinants of fern and angiosperm herb community structure in lower montane rainforest in Indonesia. <i>Journal of Vegetation Science</i> , 2014 , 25, 1216-1224	3.1	11
86	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
85	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
84	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

83	Nitrogen response efficiency of a managed and phytodiverse temperate grassland. <i>Plant and Soil</i> , 2013 , 364, 193-206	4.2	14
82	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
81	Indications of nitrogen-limited methane uptake in tropical forest soils. <i>Biogeosciences</i> , 2013 , 10, 5367-5379	4.0	34
80	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
79	Effects of Nutrient Addition on the Productivity of Montane Forests and Implications for the Carbon Cycle. <i>Ecological Studies</i> , 2013 , 315-329	1.1	16
78	Atmospheric methane uptake by tropical montane forest soils and the contribution of organic layers. <i>Biogeochemistry</i> , 2012 , 111, 469-483	3.8	33
77	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
76	Tropical Andean forests are highly susceptible to nutrient inputs—rapid effects of experimental N and P addition to an Ecuadorian montane forest. <i>PLoS ONE</i> , 2012 , 7, e47128	3.7	96
75	Response of nitrogen oxide emissions to grazer species and plant species composition in temperate agricultural grassland. <i>Agriculture, Ecosystems and Environment</i> , 2012 , 151, 34-43	5.7	32
74	Restoration of native vegetation following exclosure establishment on communal grazing lands in Tigray, Ethiopia. <i>Applied Vegetation Science</i> , 2012 , 15, 71-83	3.3	36
73	Nitrogen availability links forest productivity, soil nitrous oxide and nitric oxide fluxes of a tropical montane forest in southern Ecuador. <i>Global Biogeochemical Cycles</i> , 2011 , 25, n/a-n/a	5.9	83
72	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
71	Direct contribution of nitrogen deposition to nitrous oxide emissions in a temperate beech and spruce forest: a ¹⁵ N tracer study. <i>Biogeosciences</i> , 2011 , 8, 621-635	4.6	31
70	Multifunctional shade-tree management in tropical agroforestry landscapes: a review. <i>Journal of Applied Ecology</i> , 2011 , 48, 619-629	5.8	391
69	Economic valuation of land restoration: The case of exclosures established on communal grazing lands in Tigray, Ethiopia. <i>Land Degradation and Development</i> , 2011 , 22, 334-344	4.4	59
68	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
67	Global change: indirect feedbacks to rising CO ₂ . <i>Nature</i> , 2011 , 475, 177-8	50.4	20
66	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

65	Carbon Changes Following the Establishment of Exlosure on Communal Grazing Lands in the Semi-Arid Lowlands of Tigray, Ethiopia. <i>Climate Change Management</i> , 2011 , 111-131	0.6	2
64	Effects of an experimental drought on the functioning of a cacao agroforestry system, Sulawesi, Indonesia. <i>Global Change Biology</i> , 2010 , 16, 1515-1530	11.4	66
63	Methane emissions from tank bromeliads in neotropical forests. <i>Nature Geoscience</i> , 2010 , 3, 766-769	18.3	62
62	Spatial and temporal effects of drought on soil CO ₂ efflux in a cacao agroforestry system in Sulawesi, Indonesia. <i>Biogeosciences</i> , 2010 , 7, 1223-1235	4.6	24
61	An inverse analysis reveals limitations of the soil-CO ₂ profile method to calculate CO ₂ production and efflux for well-structured soils. <i>Biogeosciences</i> , 2010 , 7, 2311-2325	4.6	29
60	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
59	Tropical Rainforests and Agroforests under Global Change. <i>Environmental Science and Engineering</i> , 2010 ,	0.2	6
58	Tropical rainforests and agroforests under global change: Ecological and socio-economic valuations An introduction. <i>Environmental Science and Engineering</i> , 2010 , 1-11	0.2	
57	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
56	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
55	Chronic nitrogen addition causes a reduction in soil carbon dioxide efflux during the high stem-growth period in a tropical montane forest but no response from a tropical lowland forest on a decadal time scale. <i>Biogeosciences</i> , 2009 , 6, 2973-2983	4.6	25
54	Soil organic carbon in density fractions of tropical soils under forest →pasture →secondary forest land use changes. <i>European Journal of Soil Science</i> , 2008 , 59, 359-371	3.4	40
53	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
52	Differential response of mineral-associated organic matter in tropical soils formed in volcanic ashes and marine Tertiary sediment to treatment with HCl, NaOCl, and Na ₄ P ₂ O ₇ . <i>Soil Biology and Biochemistry</i> , 2008 , 40, 1846-1855	7.5	14
51	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
50	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
49	Sample Pretreatment Affects the Distribution of Organic Carbon in Aggregates of Tropical Grassland Soils. <i>Soil Science Society of America Journal</i> , 2008 , 72, 500-506	2.5	10
48	Stabilization of recent soil carbon in the humid tropics following land use changes: evidence from aggregate fractionation and stable isotope analyses. <i>Biogeochemistry</i> , 2008 , 87, 247-263	3.8	48

47	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
46	Effects of an induced drought on soil carbon dioxide (CO ₂) efflux and soil CO ₂ production in an Eastern Amazonian rainforest, Brazil. <i>Global Change Biology</i> , 2007 , 13, 2218-2229	11.4	97
45	Nutrient flows and balances at the field and farm scale: Exploring effects of land-use strategies and access to resources. <i>Agricultural Systems</i> , 2007 , 94, 459-470	6.1	42
44	Halloysite versus gibbsite: Silicon cycling as a pedogenetic process in two lowland neotropical rain forest soils of La Selva, Costa Rica. <i>Geoderma</i> , 2007 , 138, 1-11	6.7	93
43	Effectiveness of exclosures to restore degraded soils as a result of overgrazing in Tigray, Ethiopia. <i>Journal of Arid Environments</i> , 2007 , 69, 270-284	2.5	213
42	Trace gas fluxes and nitrogen cycling along an elevation sequence of tropical montane forests in Central Sulawesi, Indonesia. <i>Global Biogeochemical Cycles</i> , 2006 , 20, n/a-n/a	5.9	48
41	Landscape and climatic controls on spatial and temporal variation in soil CO ₂ efflux in an Eastern Amazonian Rainforest, Caxiuan, Brazil. <i>Forest Ecology and Management</i> , 2006 , 237, 57-64	3.9	68
40	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
39	Long-term CO ₂ production from deeply weathered soils of a tropical rain forest: evidence for a potential positive feedback to climate warming. <i>Global Change Biology</i> , 2006 , 12, 1878-1893	11.4	43
38	Smallholders' Soil Fertility Management in the Central Highlands of Ethiopia: Implications for Nutrient Stocks, Balances and Sustainability of Agroecosystems. <i>Nutrient Cycling in Agroecosystems</i> , 2006 , 75, 135-146	3.3	47
37	Soil Carbon Stabilization in Converted Tropical Pastures and Forests Depends on Soil Type. <i>Soil Science Society of America Journal</i> , 2005 , 69, 1110-1117	2.5	57
36	Assessment of soil nutrient depletion and its spatial variability on smallholders' mixed farming systems in Ethiopia using partial versus full nutrient balances. <i>Agriculture, Ecosystems and Environment</i> , 2005 , 108, 1-16	5.7	164
35	The Role of Dissolved Organic Carbon, Dissolved Organic Nitrogen, and Dissolved Inorganic Nitrogen in a Tropical Wet Forest Ecosystem. <i>Ecosystems</i> , 2005 , 8, 339-351	3.9	74
34	Are Partial Nutrient Balances Suitable to Evaluate Nutrient Sustainability of Land use Systems? Results from a Case Study in Central Sulawesi, Indonesia. <i>Nutrient Cycling in Agroecosystems</i> , 2005 , 72, 201-212	3.3	39
33	Regional variation in soil carbon and $\delta^{13}C$ in forests and pastures of northeastern Costa Rica. <i>Biogeochemistry</i> , 2005 , 72, 315-336	3.8	58
32	Nitrous oxide fluxes and nitrogen cycling along a pasture chronosequence in Central Amazonia, Brazil. <i>Biogeosciences</i> , 2005 , 2, 175-187	4.6	26
31	The Ecological and Economic Potential of Carbon Sequestration in Forests: Examples from South America. <i>Ambio</i> , 2005 , 34, 224-229	6.5	13
30	The ecological and economic potential of carbon sequestration in forests: examples from South America. <i>Ambio</i> , 2005 , 34, 224-9	6.5	1

29	Is soil degradation unrelated to deforestation? Examining soil parameters of land use systems in upland Central Sulawesi, Indonesia. <i>Plant and Soil</i> , 2004 , 265, 197-209	4.2	38
28	Spatial and temporal variation in soil CO ₂ efflux in an old-growth neotropical rain forest, La Selva, Costa Rica. <i>Biogeochemistry</i> , 2003 , 64, 111-128	3.8	129
27	Substantial labile carbon stocks and microbial activity in deeply weathered soils below a tropical wet forest. <i>Global Change Biology</i> , 2003 , 9, 1171-1184	11.4	89
26	Stocks and flows of coarse woody debris across a tropical rain forest nutrient and topography gradient. <i>Forest Ecology and Management</i> , 2002 , 164, 237-248	3.9	135
25	Diurnal fluxes and the isotopomer ratios of N ₂ O in a temperate grassland following urine amendment. <i>Rapid Communications in Mass Spectrometry</i> , 2001 , 15, 1263-9	2.2	66
24	Management effects on methane fluxes in humid tropical pasture soils. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 1493-1499	7.5	35
23	Effects of dung and urine amendments on the isotopic content of N ₂ O released from grasslands. <i>Rapid Communications in Mass Spectrometry</i> , 2000 , 14, 1356-60	2.2	39
22	Effects of Soil Texture on Belowground Carbon and Nutrient Storage in a Lowland Amazonian Forest Ecosystem. <i>Ecosystems</i> , 2000 , 3, 193-209	3.9	257
21	Calibration of a Frequency Domain Reflectometry Sensor for Humid Tropical Soils of Volcanic Origin. <i>Soil Science Society of America Journal</i> , 2000 , 64, 1549-1553	2.5	61
20	Intensive field measurements of nitrous oxide emissions from a tropical agricultural soil. <i>Global Biogeochemical Cycles</i> , 2000 , 14, 85-95	5.9	59
19	Testing a Conceptual Model of Soil Emissions of Nitrous and Nitric Oxides. <i>BioScience</i> , 2000 , 50, 667	5.7	612
18	Soil nitrogen cycling and nitrogen oxide emissions along a pasture chronosequence in the humid tropics of Costa Rica. <i>Soil Biology and Biochemistry</i> , 1999 , 31, 387-394	7.5	42
17	Nitrous oxide, nitric oxide, and methane fluxes from soils following clearing and burning of tropical secondary forest. <i>Journal of Geophysical Research</i> , 1998 , 103, 28047-28058		48
16	Effects of pasture management on N ₂ O and NO emissions from soils in the humid tropics of Costa Rica. <i>Global Biogeochemical Cycles</i> , 1998 , 12, 71-79	5.9	102
15	Nitrogen oxide emissions from a banana plantation in the humid tropics. <i>Journal of Geophysical Research</i> , 1997 , 102, 15889-15898		75
14	Calibration of time domain reflectometry technique using undisturbed soil samples from humid tropical soils of volcanic origin. <i>Water Resources Research</i> , 1997 , 33, 1241-1249	5.4	71
13	Soil organic carbon dynamics: variability with depth in forested and deforested soils under pasture in Costa Rica. <i>Biogeochemistry</i> , 1997 , 39, 343-375	3.8	63
12	Fertilizer-induced nitric oxide emissions from agricultural soils 1997 , 48, 69-77		88

11	If a Tree Falls in the Forest.... <i>Science</i> , 1996 , 273, 201-0	33.3	18
10	Organic Carbon Turnover in Three Tropical Soils under Pasture after Deforestation. <i>Soil Science Society of America Journal</i> , 1994 , 58, 175-180	2.5	271
9	Uncertainty analysis of $\delta^{13}\text{C}$ method in soil organic matter studies. <i>Soil Biology and Biochemistry</i> , 1994 , 26, 153-160	7.5	29
8	Micromorphological Characterization and Microchemical Quantification of Weathering in an Alkali Basalt Pebble. <i>Soil Science Society of America Journal</i> , 1993 , 57, 128-134	2.5	8
7	Effect of pasture age on soil trace-gas emissions from a deforested area of Costa Rica. <i>Nature</i> , 1993 , 365, 244-246	50.4	216
6	Deforestation trends in the Atlantic Zone of Costa Rica: A case study. <i>Land Degradation and Development</i> , 1992 , 3, 71-84	4.4	49
5	Alkali Basalt Gravel Weathering in Quaternary Allier River Terraces, Limagne, France. <i>Soil Science Society of America Journal</i> , 1990 , 54, 1043-1048	2.5	10
4	Weathering of alkali basalt gravel in two older Allier river terraces, Limagne, France. <i>Chemical Geology</i> , 1990 , 84, 148-149	4.2	2
3	Variation of measured banana yields in a Costa Rican plantation as explained by soil survey and thematic mapper data. <i>Geoderma</i> , 1990 , 47, 337-348	6.7	7
2	Indications of nitrogen-limited methane uptake in tropical forest soils		1
1	Soil fertility controls soil-atmosphere carbon dioxide and methane fluxes in a tropical landscape converted from lowland forest to rubber and oil palm plantations		10