Benjamin L Turner

List of Publications by Year
in descending order

340 papers	30,470 citations	4383 86 h-index	6831 155 g-index
354 all docs	354 docs citations	354 times ranked	26667 citing authors

#	Article	IF	Citations
1	No Evidence that the Valuable Timber Species, Dalbergia retusa, Enhances Nutrient Cycling and Uptake by Neighboring Timber Species. Journal of Sustainable Forestry, 2023, 42, 205-217.	0.6	3
2	Growth responses of ectomycorrhizal and arbuscular mycorrhizal seedlings to low soil nitrogen availability in a tropical montane forest. Functional Ecology, 2022, 36, 107-119.	1.7	7
3	Novel phytase PvPHY1 from the As-hyperaccumulator Pteris vittata enhances P uptake and phytate hydrolysis, and inhibits As translocation in Plant. Journal of Hazardous Materials, 2022, 423, 127106.	6.5	8
4	Enhancing Phytate Availability in Soils and Phytate-P Acquisition by Plants: A Review. Environmental Science & Technology, 2022, 56, 9196-9219.	4.6	36
5	Temperate Forests Dominated by Arbuscular or Ectomycorrhizal Fungi Are Characterized by Strong Shifts from Saprotrophic to Mycorrhizal Fungi with Increasing Soil Depth. Microbial Ecology, 2021, 82, 377-390.	1.4	28
6	Characterization of Bacterial and Fungal Communities Reveals Novel Consortia in Tropical Oligotrophic Peatlands. Microbial Ecology, 2021, 82, 188-201.	1.4	8
7	Shifts in taxonomic and functional composition of trees along rainfall and phosphorus gradients in central Panama. Journal of Ecology, 2021, 109, 51-61.	1.9	21
8	Fine Root and Soil Organic Carbon Depth Distributions are Inversely Related Across Fertility and Rainfall Gradients in Lowland Tropical Forests. Ecosystems, 2021, 24, 1075-1092.	1.6	20
9	Density dependence and habitat heterogeneity regulate seedling survival in a North American temperate forest. Forest Ecology and Management, 2021, 480, 118722.	1.4	16
10	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	1.9	122
11	Compositional variation in understorey fern and palm communities along a soil fertility and rainfall gradient in a lower montane tropical forest. Journal of Vegetation Science, 2021, 32, .	1.1	5
12	Leaf manganese concentrations as a tool to assess belowground plant functioning in phosphorus-impoverished environments. Plant and Soil, 2021, 461, 43-61.	1.8	52
13	Soil microbial communities influencing organic phosphorus mineralization in a coastal dune chronosequence in New Zealand. FEMS Microbiology Ecology, 2021, 97, .	1.3	12
14	Abiotic contribution to phenol oxidase activity across a manganese gradient in tropical forest soils. Biogeochemistry, 2021, 153, 33-45.	1.7	2
15	Nutrient availability predicts multiple stem frequency, an indicator of species resprouting capacity in tropical forests. Journal of Ecology, 2021, 109, 1633-1648.	1.9	4
16	Traits related to efficient acquisition and use of phosphorus promote diversification in Proteaceae in phosphorusâ€impoverished landscapes. Plant and Soil, 2021, 462, 67-88.	1.8	26
17	A shift from phenol to silicaâ€based leaf defences during longâ€term soil and ecosystem development. Ecology Letters, 2021, 24, 984-995.	3.0	27
18	Seasonal upwelling reduces herbivore control of tropical rocky intertidal algal communities. Ecology, 2021, 102, e03335.	1.5	10

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19	Nitrogen deposition accelerates soil carbon sequestration in tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	120
20	Extinction at the end-Cretaceous and the origin of modern Neotropical rainforests. Science, 2021, 372, 63-68.	6.0	115
21	Influence of neighbourhoods on the extent and compactness of tropical tree crowns and root systems. Trees - Structure and Function, 2021, 35, 1673-1686.	0.9	4
22	Divergent, age-associated fungal communities of Pinus flexilis and Pinus longaeva. Forest Ecology and Management, 2021, 494, 119277.	1.4	18
23	Organic Matter Chemistry Drives Carbon Dioxide Production of Peatlands. Geophysical Research Letters, 2021, 48, e2021GL093392.	1.5	11
24	Early historical forest clearance caused major degradation of water quality at Lake VÃ¦ng, Denmark. Anthropocene, 2021, 35, 100302.	1.6	2
25	Impact of ecosystem water balance and soil parent material on silicon dynamics: insights from three long-term chronosequences. Biogeochemistry, 2021, 156, 335-350.	1.7	4
26	Demographic consequences of foraging ecology explain genetic diversification in Neotropical bird species. Ecology Letters, 2021, 24, 563-571.	3.0	18
27	Importance of topography for tree species habitat distributions in a terra firme forest in the Colombian Amazon. Plant and Soil, 2020, 450, 133-149.	1.8	35
28	Resource acquisition strategies facilitate Gilbertiodendron dewevrei monodominance in African lowland forests. Journal of Ecology, 2020, 108, 433-448.	1.9	19
29	Methane emissions from tree stems in neotropical peatlands. New Phytologist, 2020, 225, 769-781.	3.5	41
30	Co-occurring Fungal Functional Groups Respond Differently to Tree Neighborhoods and Soil Properties Across Three Tropical Rainforests in Panama. Microbial Ecology, 2020, 79, 675-685.	1.4	11
31	Edaphic factors and initial conditions influence successional trajectories of early regenerating tropical dry forests. Journal of Ecology, 2020, 108, 160-174.	1.9	28
32	A rapid ammonium fluoride method to determine the oxygen isotope ratio of available phosphorus in tropical soils. Rapid Communications in Mass Spectrometry, 2020, 34, e8647.	0.7	6
33	Quantifying Uncertainties in Sequential Chemical Extraction of Soil Phosphorus Using XANES Spectroscopy. Environmental Science & Technology, 2020, 54, 2257-2267.	4.6	61
34	Interactions between labile carbon, temperature and land use regulate carbon dioxide and methane production in tropical peat. Biogeochemistry, 2020, 147, 87-97.	1.7	26
35	Soil carbon loss by experimental warming in a tropical forest. Nature, 2020, 584, 234-237.	13.7	132
36	Soil and microbial nutrient status are heterogeneous within an elevational belt on a neotropical mountain. Pedobiologia, 2020, 83, 150689.	0.5	6

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37	The Role of Phosphorus Limitation in Shaping Soil Bacterial Communities and Their Metabolic Capabilities. MBio, 2020, 11, .	1.8	69
38	Plants sustain the terrestrial silicon cycle during ecosystem retrogression. Science, 2020, 369, 1245-1248.	6.0	57
39	Root oxygen mitigates methane fluxes in tropical peatlands. Environmental Research Letters, 2020, 15, 064013.	2.2	16
40	Peat Properties, Dominant Vegetation Type and Microbial Community Structure in a Tropical Peatland. Wetlands, 2020, 40, 1367-1377.	0.7	16
41	Salinity responses of inland and coastal neotropical trees species. Plant Ecology, 2020, 221, 695-708.	0.7	5
42	Why are tropical conifers disadvantaged in fertile soils? Comparison of Podocarpus guatemalensis with an angiosperm pioneer, Ficus insipida. Tree Physiology, 2020, 40, 810-821.	1.4	5
43	Toxic effects of soil manganese on tropical trees. Plant and Soil, 2020, 453, 343-354.	1.8	9
44	Occurrence of crassulacean acid metabolism in Colombian orchids determined by leaf carbon isotope ratios. Botanical Journal of the Linnean Society, 2020, 193, 431-477.	0.8	15
45	Revisiting nutrient cycling by litterfallâ€"Insights from 15 years of litter manipulation in old-growth lowland tropical forest. Advances in Ecological Research, 2020, 62, 173-223.	1.4	29
46	Silicon Dynamics During 2 Million Years of Soil Development in a Coastal Dune Chronosequence Under a Mediterranean Climate. Ecosystems, 2020, 23, 1614-1630.	1.6	20
47	Soil abiotic and biotic properties constrain the establishment of a dominant temperate tree into boreal forests. Journal of Ecology, 2020, 108, 931-944.	1.9	33
48	Coarse root architecture: Neighbourhood and abiotic environmental effects on five tropical tree species growing in mixtures and monocultures. Forest Ecology and Management, 2020, 460, 117851.	1.4	17
49	The global-scale distributions of soil protists and their contributions to belowground systems. Science Advances, 2020, 6, eaax8787.	4.7	263
50	Greater root phosphatase activity of tropical trees at low phosphorus despite strong variation among species. Ecology, 2020, 101, e03090.	1.5	35
51	Competing effects of soil fertility and toxicity on tropical greening. Scientific Reports, 2020, 10, 6725.	1.6	6
52	Isolation of Inositol Hexakisphosphate from Soils by Alkaline Extraction and Hypobromite Oxidation. Methods in Molecular Biology, 2020, 2091, 39-46.	0.4	2
53	Biotic and abiotic plantâ€"soil feedback depends on nitrogenâ€acquisition strategy and shifts during longâ€term ecosystem development. Journal of Ecology, 2019, 107, 142-153.	1.9	41
54	Evaluation of vegetation communities, water table, and peat composition as drivers of greenhouse gas emissions in lowland tropical peatlands. Science of the Total Environment, 2019, 688, 1193-1204.	3.9	29

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55	Speciesâ€specific effects of phosphorus addition on tropical tree seedling response to elevated CO₂. Functional Ecology, 2019, 33, 1871-1881.	1.7	9
56	Microbial responses to warming enhance soil carbon loss following translocation across a tropical forest elevation gradient. Ecology Letters, 2019, 22, 1889-1899.	3.0	65
57	Structure and nutrient transfer in a tropical pelagic upwelling food web: From isoscapes to the whole ecosystem. Progress in Oceanography, 2019, 178, 102145.	1.5	13
58	Seasonal changes in soil respiration linked to soil moisture and phosphorus availability along a tropical rainfall gradient. Biogeochemistry, 2019, 145, 235-254.	1.7	14
59	Aeolian dust deposition and the perturbation of phosphorus transformations during long-term ecosystem development in a cool, semi-arid environment. Geochimica Et Cosmochimica Acta, 2019, 246, 498-514.	1.6	32
60	Nutrient acquisition strategies augment growth in tropical N₂â€fixing trees in nutrientâ€poor soil and under elevated <scp>CO</scp>₂. Ecology, 2019, 100, e02646.	1.5	27
61	Transformation of soil organic phosphorus along the Hailuogou post-glacial chronosequence, southeastern edge of the Tibetan Plateau. Geoderma, 2019, 352, 414-421.	2.3	14
62	Trophic Trait Evolution Explains Variation in Nutrient Excretion Stoichiometry among Panamanian Armored Catfishes (Loricariidae). Diversity, 2019, 11, 88.	0.7	1
63	Natural disturbance and soils drive diversity and dynamics of seasonal dipterocarp forest in Southern Thailand. Journal of Tropical Ecology, 2019, 35, 95-107.	0.5	3
64	The Response of Litterâ€Associated Myxomycetes to Longâ€Term Nutrient Addition in a Lowland Tropical Forest. Journal of Eukaryotic Microbiology, 2019, 66, 757-770.	0.8	7
65	Toward more robust plantâ€“soil feedback research: Comment. Ecology, 2019, 100, e02590.	1.5	19
66	Ecological succession in a changing world. Journal of Ecology, 2019, 107, 503-509.	1.9	131
67	Abiotic and biotic drivers of endosymbiont community assembly in Jatropha curcas. Ecosphere, 2019, 10, e02941.	1.0	3
68	Contrasting patterns of plant and microbial diversity during longâ€term ecosystem development. Journal of Ecology, 2019, 107, 606-621.	1.9	48
69	Disentangling the functional trait correlates of spatial aggregation in tropical forest trees. Ecology, 2019, 100, e02591.	1.5	22
70	Soil nutrients and dispersal limitation shape compositional variation in secondary tropical forests across multiple scales. Journal of Ecology, 2019, 107, 566-581.	1.9	88
71	Spatial variability of organic matter properties determines methane fluxes in a tropical forested peatland. Biogeochemistry, 2019, 142, 231-245.	1.7	40
72	Effect of microsite quality and species composition on tree growth: A semi-empirical modeling approach. Forest Ecology and Management, 2019, 432, 534-545.	1.4	17

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73	Plant responses to fertilization experiments in lowland, speciesâ€rich, tropical forests. Ecology, 2018, 99, 1129-1138.	1.5	105
74	Pervasive phosphorus limitation of tree species but not communities in tropical forests. Nature, 2018, 555, 367-370.	13.7	242
75	Nitrogen fixer abundance has no effect on biomass recovery during tropical secondary forest succession. Journal of Ecology, 2018, 106, 1415-1427.	1.9	26
76	Tree mycorrhizal type predicts withinâ€site variability in the storage and distribution of soil organic matter. Global Change Biology, 2018, 24, 3317-3330.	4.2	167
77	Decomposition of coarse woody debris in a longâ€term litter manipulation experiment: A focus on nutrient availability. Functional Ecology, 2018, 32, 1128-1138.	1.7	25
78	A climosequence of chronosequences in southwestern Australia. European Journal of Soil Science, 2018, 69, 69-85.	1.8	55
79	Community proteogenomics reveals the systemic impact of phosphorus availability on microbial functions in tropical soil. Nature Ecology and Evolution, 2018, 2, 499-509.	3.4	116
80	Root exudate analogues accelerate CO2 and CH4 production in tropical peat. Soil Biology and Biochemistry, 2018, 117, 48-55.	4.2	98
81	Nutrient limitation or home field advantage: Does microbial community adaptation overcome nutrient limitation of litter decomposition in a tropical peatland?. Journal of Ecology, 2018, 106, 1558-1569.	1.9	23
82	Consequences of the physical nature of the parent material for pedogenesis, nutrient availability, and succession in temperate rainforests. Plant and Soil, 2018, 423, 533-548.	1.8	8
83	On the history and future of soil organic phosphorus research: a critique across three generations. European Journal of Soil Science, 2018, 69, 86-94.	1.8	23
84	Soil carbon stocks across tropical forests of Panama regulated by base cation effects on fine roots. Biogeochemistry, 2018, 137, 253-266.	1.7	27
85	Tropical forest dynamics in unstable terrain: a case study from New Guinea. Journal of Tropical Ecology, 2018, 34, 157-175.	0.5	12
86	Divergent composition and turnover of soil organic nitrogen along a climate gradient in arid and semiarid grasslands. Geoderma, 2018, 327, 36-44.	2.3	20
87	Temperature response of ex-situ greenhouse gas emissions from tropical peatlands: Interactions between forest type and peat moisture conditions. Geoderma, 2018, 324, 47-55.	2.3	34
88	High abundance of non-mycorrhizal plant species in severely phosphorus-impoverished Brazilian campos rupestres. Plant and Soil, 2018, 424, 255-271.	1.8	31
89	Plantâ€“soil interactions maintain biodiversity and functions of tropical forest ecosystems. Ecological Research, 2018, 33, 149-160.	0.7	81
90	Composition and concentration of root exudate analogues regulate greenhouse gas fluxes from tropical peat. Soil Biology and Biochemistry, 2018, 127, 280-285.	4.2	52

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91	Urochloa ruziziensis cover crop increases the cycling of soil inositol phosphates. Biology and Fertility of Soils, 2018, 54, 935-947.	2.3	9
92	Soil drivers of localâ€scale tree growth in a lowland tropical forest. Ecology, 2018, 99, 2844-2852.	1.5	24
93	Response to Comment on â€œPlant diversity increases with the strength of negative density dependence at the global scaleâ€. Science, 2018, 360, .	6.0	6
94	Response to Comment on â€œPlant diversity increases with the strength of negative density dependence at the global scaleâ€. Science, 2018, 360, .	6.0	9
95	Decadal-scale litter manipulation alters the biochemical and physical character of tropical forest soil carbon. Soil Biology and Biochemistry, 2018, 124, 199-209.	4.2	32
96	Microbes follow Humboldt: temperature drives plant and soil microbial diversity patterns from the Amazon to the Andes. Ecology, 2018, 99, 2455-2466.	1.5	197
97	Phosphatase activity and nitrogen fixation reflect species differences, not nutrient trading or nutrient balance, across tropical rainforest trees. Ecology Letters, 2018, 21, 1486-1495.	3.0	51
98	Root-derived CO2 flux from a tropical peatland. Wetlands Ecology and Management, 2018, 26, 985-991.	0.7	15
99	Does litter input determine carbon storage and peat organic chemistry in tropical peatlands?. Geoderma, 2018, 326, 76-87.	2.3	48
100	Influence of pH and redox on mobilization of inositol hexakisphosphate from oligotrophic lake sediment. Biogeochemistry, 2018, 140, 15-30.	1.7	3
101	Silicon in tropical forests: large variation across soils and leaves suggests ecological significance. Biogeochemistry, 2018, 140, 161-174.	1.7	35
102	Responses of arbuscular mycorrhizal fungi to long-term inorganic and organic nutrient addition in a lowland tropical forest. ISME Journal, 2018, 12, 2433-2445.	4.4	58
103	Liana effects on biomass dynamics strengthen during secondary forest succession. Ecology, 2017, 98, 1062-1070.	1.5	31
104	A phosphorus threshold for mycoheterotrophic plants in tropical forests. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162093.	1.2	22
105	Plant-soil feedback and the maintenance of diversity in Mediterranean-climate shrublands. Science, 2017, 355, 173-176.	6.0	299
106	Phosphatase activities in sediments of subtropical lakes with different trophic states. Hydrobiologia, 2017, 788, 305-318.	1.0	9
107	Greater root phosphatase activity in nitrogenâ€fixing rhizobial but not actinorhizal plants with declining phosphorus availability. Journal of Ecology, 2017, 105, 1246-1255.	1.9	77
108	Plasticity in nitrogen uptake among plant species with contrasting nutrient acquisition strategies in a tropical forest. Ecology, 2017, 98, 1388-1398.	1.5	52

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109	Phytate induced arsenic uptake and plant growth in arsenic-hyperaccumulator Pteris vittata. Environmental Pollution, 2017, 226, 212-218.	3.7	26
110	Nitrogen addition alters ectomycorrhizal fungal communities and soil enzyme activities in a tropical montane forest. Fungal Ecology, 2017, 27, 14-23.	0.7	78
111	The role of soil chemistry and plant neighbourhoods in structuring fungal communities in three Panamanian rainforests. Journal of Ecology, 2017, 105, 569-579.	1.9	55
112	Biogeochemistry drives diversity in the prokaryotes, fungi, and invertebrates of a Panama forest. Ecology, 2017, 98, 2019-2028.	1.5	46
113	Soils and rainfall drive landscapeâ€scale changes in the diversity and functional composition of tree communities in premontane tropical forest. Journal of Vegetation Science, 2017, 28, 859-870.	1.1	38
114	A hydrochemical approach to quantify the role of return flow in a surface flowâ€dominated catchment. Hydrological Processes, 2017, 31, 1018-1033.	1.1	14
115	Consequences of tropical forest conversion to oil palm on soil bacterial community and network structure. Soil Biology and Biochemistry, 2017, 112, 258-268.	4.2	60
116	Drivers of tree species distribution across a tropical rainfall gradient. Ecosphere, 2017, 8, e01712.	1.0	25
117	Arbuscular mycorrhizal fungal community composition is altered by longâ€term litter removal but not litter addition in a lowland tropical forest. New Phytologist, 2017, 214, 455-467.	3.5	45
118	Current ambient concentrations of ozone in Panama modulate the leaf chemistry of the tropical tree Ficus insipida. Chemosphere, 2017, 172, 363-372.	4.2	11
119	A communal catalogue reveals Earthâ€™s multiscale microbial diversity. Nature, 2017, 551, 457-463.	13.7	1,942
120	Soil fertility shapes belowground food webs across a regional climate gradient. Ecology Letters, 2017, 20, 1273-1284.	3.0	78
121	Plant diversity increases with the strength of negative density dependence at the global scale. Science, 2017, 356, 1389-1392.	6.0	222
122	No evidence that boron influences tree species distributions in lowland tropical forests of Panama. New Phytologist, 2017, 214, 108-119.	3.5	4
123	Informing models through empirical relationships between foliar phosphorus, nitrogen and photosynthesis across diverse woody species in tropical forests of Panama. New Phytologist, 2017, 215, 1425-1437.	3.5	46
124	Tree co-occurrence and transcriptomic response to drought. Nature Communications, 2017, 8, 1996.	5.8	21
125	Does the Growth Rate Hypothesis Apply across Temperatures? Variation in the Growth Rate and Body Phosphorus of Neotropical Benthic Grazers. Frontiers in Environmental Science, 2017, 5, .	1.5	12
126	Changes in soil carbon and nutrients following 6 years of litter removal and addition in a tropical semi-evergreen rain forest. Biogeosciences, 2016, 13, 6183-6190.	1.3	29

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127	Long-Term Effects of White-Tailed Deer Exclusion on the Invasion of Exotic Plants: A Case Study in a Mid-Atlantic Temperate Forest. PLoS ONE, 2016, 11, e0151825.	1.1	23
128	Increasing plant species diversity and extreme species turnover accompany declining soil fertility along a longâ€term chronosequence in a biodiversity hotspot. Journal of Ecology, 2016, 104, 792-805.	1.9	76
129	An ectomycorrhizal nitrogen economy facilitates monodominance in a neotropical forest. Ecology Letters, 2016, 19, 383-392.	3.0	132
130	Variation in wood nutrients along a tropical soil fertility gradient. New Phytologist, 2016, 211, 440-454.	3.5	76
131	When does intraspecific trait variation contribute to functional betaâ€diversity?. Journal of Ecology, 2016, 104, 487-496.	1.9	52
132	Shifts in symbiotic associations in plants capable of forming multiple root symbioses across a longâ€term soil chronosequence. Ecology and Evolution, 2016, 6, 2368-2377.	0.8	33
133	Phosphorus in soils and plants â€“ facing phosphorus scarcity. Plant and Soil, 2016, 401, 1-6.	1.8	74
134	Chemical nature of residual phosphorus in Andisols. Geoderma, 2016, 271, 27-31.	2.3	39
135	Temperature sensitivity of soil enzymes along an elevation gradient in the Peruvian Andes. Biogeochemistry, 2016, 127, 217-230.	1.7	75
136	Two tropical conifers show strong growth and water-use efficiency responses to altered CO₂concentration. Annals of Botany, 2016, 118, 1113-1125.	1.4	19
137	Interference by Iron in the Determination of Boron by ICP-OES in Mehlich-III Extracts and Total Element Digests of Tropical Forest Soils. Communications in Soil Science and Plant Analysis, 2016, 47, 2378-2386.	0.6	9
138	Phosphorus transformations along a largeâ€scale climosequence in arid and semiarid grasslands of northern China. Global Biogeochemical Cycles, 2016, 30, 1264-1275.	1.9	65
139	Quality not quantity: Organic matter composition controls of CO2 and CH4 fluxes in neotropical peat profiles. Soil Biology and Biochemistry, 2016, 103, 86-96.	4.2	47
140	Assessment of bioavailable organic phosphorus in tropical forest soils by organic acid extraction and phosphatase hydrolysis. Geoderma, 2016, 284, 93-102.	2.3	47
141	Negative density dependence is stronger in resourceâ€rich environments and diversifies communities when stronger for common but not rare species. Ecology Letters, 2016, 19, 657-667.	3.0	86
142	Sulfur dynamics during long-term ecosystem development. Biogeochemistry, 2016, 128, 281-305.	1.7	30
143	Stoichiometry of microbial carbon use efficiency in soils. Ecological Monographs, 2016, 86, 172-189.	2.4	253
144	Seedling growth responses to phosphorus reflect adult distribution patterns of tropical trees. New Phytologist, 2016, 212, 400-408.	3.5	55

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145	Phylogenetic turnover along local environmental gradients in tropical forest communities. Oecologia, 2016, 182, 547-557.	0.9	9
146	Landâ€use history augments environmentâ€“plant community relationship strength in a Puerto Rican wet forest. Journal of Ecology, 2016, 104, 1466-1477.	1.9	15
147	Evidence for arrested succession in a lianaâ€infested Amazonian forest. Journal of Ecology, 2016, 104, 149-159.	1.9	71
148	Root quality and decomposition environment, but not tree species richness, drive root decomposition in tropical forests. Plant and Soil, 2016, 404, 125-139.	1.8	23
149	Root oxygen loss from Raphia taedigera palms mediates greenhouse gas emissions in lowland neotropical peatlands. Plant and Soil, 2016, 404, 47-60.	1.8	22
150	Tracing the Sources of Atmospheric Phosphorus Deposition to a Tropical Rain Forest in Panama Using Stable Oxygen Isotopes. Environmental Science & Technology, 2016, 50, 1147-1156.	4.6	37
151	Nutrient Availability in Tropical Rain Forests: The Paradigm of Phosphorus Limitation. Tree Physiology, 2016, , 261-273.	0.9	67
152	Variation in ectomycorrhizal fungal communities associated with Oreomunnea mexicana (Juglandaceae) in a Neotropical montane forest. Mycorrhiza, 2016, 26, 1-17.	1.3	72
153	Getting to the root of the problem: litter decomposition and peat formation in lowland Neotropical peatlands. Biogeochemistry, 2015, 126, 115-129.	1.7	41
154	Relating belowground microbial composition to the taxonomic, phylogenetic, and functional trait distributions of trees in a tropical forest. Ecology Letters, 2015, 18, 1397-1405.	3.0	183
155	Soil microbial nutrient constraints along a tropical forest elevation gradient: a belowground test of a biogeochemical paradigm. Biogeosciences, 2015, 12, 6071-6083.	1.3	62
156	Oxygen isotopes of phosphate and soil phosphorus cycling across a 6500 year chronosequence under lowland temperate rainforest. Geoderma, 2015, 257-258, 14-21.	2.3	39
157	Isolating the effects of precipitation, soil conditions, and litter quality on leaf litter decomposition in lowland tropical forests. Plant and Soil, 2015, 394, 225-238.	1.8	17
158	Convergence of soil nitrogen isotopes across global climate gradients. Scientific Reports, 2015, 5, 8280.	1.6	127
159	Variability in potential to exploit different soil organic phosphorus compounds among tropical montane tree species. Functional Ecology, 2015, 29, 121-130.	1.7	64
160	Soil Development and Nutrient Availability Along a 2ÂMillion-Year Coastal Dune Chronosequence Under Species-Rich Mediterranean Shrubland in Southwestern Australia. Ecosystems, 2015, 18, 287-309.	1.6	110
161	Response to Comment on â€œThe Chemical Nature of Phosphorus in Subtropical Lake Sedimentsâ€, by Kenney et al.. Aquatic Geochemistry, 2015, 21, 7-9.	1.5	1
162	Geospatial observations on tropical forest surface soil chemistry. Ecology, 2015, 96, 2313-2313.	1.5	7

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163	Identification of inositol hexakisphosphate binding sites in soils by selective extraction and solution 31P NMR spectroscopy. Geoderma, 2015, 257-258, 22-28.	2.3	37
164	Seasonal changes in soil organic matter after a decade of nutrient addition in a lowland tropical forest. Biogeochemistry, 2015, 123, 221-235.	1.7	51
165	Soil phosphorus fractionation and nutrient dynamics along the Cooloola coastal dune chronosequence, southern Queensland, Australia. Geoderma, 2015, 257-258, 4-13.	2.3	57
166	Linking spatial patterns of leaf litterfall and soil nutrients in a tropical forest: a neighborhood approach. Ecological Applications, 2015, 25, 2022-2034.	1.8	58
167	The effects of herbivory and nutrients on plant biomass and carbon storage in Vertisols of an East African savanna. Agriculture, Ecosystems and Environment, 2015, 208, 55-63.	2.5	9
168	Diversity of plant nutrient-acquisition strategies increases during long-term ecosystem development. Nature Plants, 2015, 1, .	4.7	191
169	Oxygen isotope ratios of plant available phosphate in lowland tropical forest soils. Soil Biology and Biochemistry, 2015, 88, 354-361.	4.2	28
170	Climate Warming and Soil Carbon in Tropical Forests: Insights from an Elevation Gradient in the Peruvian Andes. BioScience, 2015, 65, 906-921.	2.2	75
171	Leaf manganese accumulation and phosphorus-acquisition efficiency. Trends in Plant Science, 2015, 20, 83-90.	4.3	251
172	<scp>CTFS</scp>â€Forest<scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. Global Change Biology, 2015, 21, 528-549.	4.2	473
173	Responses of Soil Fungi to Logging and Oil Palm Agriculture in Southeast Asian Tropical Forests. Microbial Ecology, 2015, 69, 733-747.	1.4	87
174	Nitrogen and phosphorus constrain labile and stable carbon turnover in lowland tropical forest soils. Soil Biology and Biochemistry, 2015, 80, 26-33.	4.2	113
175	Forms of organic phosphorus in wetland soils. Biogeosciences, 2014, 11, 6697-6710.	1.3	23
176	Soil organic phosphorus transformations along a coastal dune chronosequence under New Zealand temperate rain forest. Biogeochemistry, 2014, 121, 595-611.	1.7	51
177	Connectivity of overland flow by drainage network expansion in a rain forest catchment. Water Resources Research, 2014, 50, 1457-1473.	1.7	40
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179	Separating the influences of diagenesis, productivity and anthropogenic nitrogen deposition on sedimentary Î´15N variations. Organic Geochemistry, 2014, 75, 140-150.	0.9	28
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