

Benjamin L Turner

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.

339
papers

22,217
citations

77
h-index

136
g-index

354
ext. papers

26,702
ext. citations

7
avg, IF

7.28
L-index

#	Paper	IF	Citations
339	Novel phytase PvPHY1 from the As-hyperaccumulator <i>Pteris vittata</i> enhances P uptake and phytate hydrolysis, and inhibits As translocation in Plant. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127106	12.8	0
338	Temperate Forests Dominated by Arbuscular or Ectomycorrhizal Fungi Are Characterized by Strong Shifts from Saprotrophic to Mycorrhizal Fungi with Increasing Soil Depth. <i>Microbial Ecology</i> , 2021 , 82, 377-390	4.4	8
337	Characterization of Bacterial and Fungal Communities Reveals Novel Consortia in Tropical Oligotrophic Peatlands. <i>Microbial Ecology</i> , 2021 , 82, 188-201	4.4	5
336	Traits related to efficient acquisition and use of phosphorus promote diversification in Proteaceae in phosphorus-impooverished landscapes. <i>Plant and Soil</i> , 2021 , 462, 67-88	4.2	8
335	A shift from phenol to silica-based leaf defences during long-term soil and ecosystem development. <i>Ecology Letters</i> , 2021 , 24, 984-995	10	13
334	Seasonal upwelling reduces herbivore control of tropical rocky intertidal algal communities. <i>Ecology</i> , 2021 , 102, e03335	4.6	6
333	Nitrogen deposition accelerates soil carbon sequestration in tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	21
332	Extinction at the end-Cretaceous and the origin of modern Neotropical rainforests. <i>Science</i> , 2021 , 372, 63-68	33.3	36
331	Influence of neighbourhoods on the extent and compactness of tropical tree crowns and root systems. <i>Trees - Structure and Function</i> , 2021 , 35, 1673-1686	2.6	0
330	Shifts in taxonomic and functional composition of trees along rainfall and phosphorus gradients in central Panama. <i>Journal of Ecology</i> , 2021 , 109, 51-61	6	12
329	Fine Root and Soil Organic Carbon Depth Distributions are Inversely Related Across Fertility and Rainfall Gradients in Lowland Tropical Forests. <i>Ecosystems</i> , 2021 , 24, 1075-1092	3.9	6
328	Density dependence and habitat heterogeneity regulate seedling survival in a North American temperate forest. <i>Forest Ecology and Management</i> , 2021 , 480, 118722	3.9	4
327	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021 , 253, 108907	6.2	36
326	Compositional variation in understory fern and palm communities along a soil fertility and rainfall gradient in a lower montane tropical forest. <i>Journal of Vegetation Science</i> , 2021 , 32,	3.1	2
325	Leaf manganese concentrations as a tool to assess belowground plant functioning in phosphorus-impooverished environments. <i>Plant and Soil</i> , 2021 , 461, 43-61	4.2	23
324	Soil microbial communities influencing organic phosphorus mineralization in a coastal dune chronosequence in New Zealand. <i>FEMS Microbiology Ecology</i> , 2021 , 97,	4.3	4
323	Abiotic contribution to phenol oxidase activity across a manganese gradient in tropical forest soils. <i>Biogeochemistry</i> , 2021 , 153, 33-45	3.8	0

322	Nutrient availability predicts multiple stem frequency, an indicator of species resprouting capacity in tropical forests. <i>Journal of Ecology</i> , 2021 , 109, 1633-1648	6	1
321	Divergent, age-associated fungal communities of <i>Pinus flexilis</i> and <i>Pinus longaeva</i> . <i>Forest Ecology and Management</i> , 2021 , 494, 119277	3.9	5
320	Organic Matter Chemistry Drives Carbon Dioxide Production of Peatlands. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL093392	4.9	3
319	Early historical forest clearance caused major degradation of water quality at Lake Våg, Denmark. <i>Anthropocene</i> , 2021 , 35, 100302	3.9	0
318	Impact of ecosystem water balance and soil parent material on silicon dynamics: insights from three long-term chronosequences. <i>Biogeochemistry</i> , 2021 , 156, 335	3.8	0
317	Demographic consequences of foraging ecology explain genetic diversification in Neotropical bird species. <i>Ecology Letters</i> , 2021 , 24, 563-571	10	3
316	Root oxygen mitigates methane fluxes in tropical peatlands. <i>Environmental Research Letters</i> , 2020 , 15, 064013	6.2	8
315	Peat Properties, Dominant Vegetation Type and Microbial Community Structure in a Tropical Peatland. <i>Wetlands</i> , 2020 , 40, 1367-1377	1.7	5
314	Salinity responses of inland and coastal neotropical trees species. <i>Plant Ecology</i> , 2020 , 221, 695-708	1.7	3
313	Why are tropical conifers disadvantaged in fertile soils? Comparison of <i>Podocarpus guatemalensis</i> with an angiosperm pioneer, <i>Ficus insipida</i> . <i>Tree Physiology</i> , 2020 , 40, 810-821	4.2	2
312	Toxic effects of soil manganese on tropical trees. <i>Plant and Soil</i> , 2020 , 453, 343-354	4.2	5
311	Occurrence of crassulacean acid metabolism in Colombian orchids determined by leaf carbon isotope ratios. <i>Botanical Journal of the Linnean Society</i> , 2020 , 193, 431-477	2.2	5
310	Revisiting nutrient cycling by litterfall: Insights from 15 years of litter manipulation in old-growth lowland tropical forest. <i>Advances in Ecological Research</i> , 2020 , 62, 173-223	4.6	11
309	Silicon Dynamics During 2 Million Years of Soil Development in a Coastal Dune Chronosequence Under a Mediterranean Climate. <i>Ecosystems</i> , 2020 , 23, 1614-1630	3.9	13
308	Soil abiotic and biotic properties constrain the establishment of a dominant temperate tree into boreal forests. <i>Journal of Ecology</i> , 2020 , 108, 931-944	6	13
307	Coarse root architecture: Neighbourhood and abiotic environmental effects on five tropical tree species growing in mixtures and monocultures. <i>Forest Ecology and Management</i> , 2020 , 460, 117851	3.9	11
306	The global-scale distributions of soil protists and their contributions to belowground systems. <i>Science Advances</i> , 2020 , 6, eaax8787	14.3	101
305	Greater root phosphatase activity of tropical trees at low phosphorus despite strong variation among species. <i>Ecology</i> , 2020 , 101, e03090	4.6	11

304	Isolation of Inositol Hexakisphosphate from Soils by Alkaline Extraction and Hypobromite Oxidation. <i>Methods in Molecular Biology</i> , 2020 , 2091, 39-46	1.4	1
303	A rapid ammonium fluoride method to determine the oxygen isotope ratio of available phosphorus in tropical soils. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8647	2.2	4
302	Quantifying Uncertainties in Sequential Chemical Extraction of Soil Phosphorus Using XANES Spectroscopy. <i>Environmental Science & Technology</i> , 2020 , 54, 2257-2267	10.3	29
301	Interactions between labile carbon, temperature and land use regulate carbon dioxide and methane production in tropical peat. <i>Biogeochemistry</i> , 2020 , 147, 87-97	3.8	14
300	Soil carbon loss by experimental warming in a tropical forest. <i>Nature</i> , 2020 , 584, 234-237	50.4	51
299	Soil and microbial nutrient status are heterogeneous within an elevational belt on a neotropical mountain. <i>Pedobiologia</i> , 2020 , 83, 150689	1.7	0
298	The Role of Phosphorus Limitation in Shaping Soil Bacterial Communities and Their Metabolic Capabilities. <i>MBio</i> , 2020 , 11,	7.8	12
297	Plants sustain the terrestrial silicon cycle during ecosystem retrogression. <i>Science</i> , 2020 , 369, 1245-1248	33.3	27
296	Importance of topography for tree species habitat distributions in a terra firme forest in the Colombian Amazon. <i>Plant and Soil</i> , 2020 , 450, 133-149	4.2	13
295	Resource acquisition strategies facilitate <i>Gilbertiodendron dewevrei</i> monodominance in African lowland forests. <i>Journal of Ecology</i> , 2020 , 108, 433-448	6	8
294	Methane emissions from tree stems in neotropical peatlands. <i>New Phytologist</i> , 2020 , 225, 769-781	9.8	16
293	Co-occurring Fungal Functional Groups Respond Differently to Tree Neighborhoods and Soil Properties Across Three Tropical Rainforests in Panama. <i>Microbial Ecology</i> , 2020 , 79, 675-685	4.4	6
292	Edaphic factors and initial conditions influence successional trajectories of early regenerating tropical dry forests. <i>Journal of Ecology</i> , 2020 , 108, 160-174	6	14
291	Competing effects of soil fertility and toxicity on tropical greening. <i>Scientific Reports</i> , 2020 , 10, 6725	4.9	4
290	Structure and nutrient transfer in a tropical pelagic upwelling food web: From isoscapes to the whole ecosystem. <i>Progress in Oceanography</i> , 2019 , 178, 102145	3.8	5
289	Seasonal changes in soil respiration linked to soil moisture and phosphorus availability along a tropical rainfall gradient. <i>Biogeochemistry</i> , 2019 , 145, 235-254	3.8	5
288	Aeolian dust deposition and the perturbation of phosphorus transformations during long-term ecosystem development in a cool, semi-arid environment. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 246, 498-514	5.5	22
287	Nutrient acquisition strategies augment growth in tropical N-fixing trees in nutrient-poor soil and under elevated CO ₂ . <i>Ecology</i> , 2019 , 100, e02646	4.6	12

286	Transformation of soil organic phosphorus along the Hailuogou post-glacial chronosequence, southeastern edge of the Tibetan Plateau. <i>Geoderma</i> , 2019 , 352, 414-421	6.7	8
285	Trophic Trait Evolution Explains Variation in Nutrient Excretion Stoichiometry among Panamanian Armored Catfishes (Loricariidae). <i>Diversity</i> , 2019 , 11, 88	2.5	1
284	Natural disturbance and soils drive diversity and dynamics of seasonal dipterocarp forest in Southern Thailand. <i>Journal of Tropical Ecology</i> , 2019 , 35, 95-107	1.3	2
283	The Response of Litter-Associated Myxomycetes to Long-Term Nutrient Addition in a Lowland Tropical Forest. <i>Journal of Eukaryotic Microbiology</i> , 2019 , 66, 757-770	3.6	1
282	Toward more robust plant-soil feedback research: Comment. <i>Ecology</i> , 2019 , 100, e02590	4.6	14
281	Biotic and abiotic plant-soil feedback depends on nitrogen-acquisition strategy and shifts during long-term ecosystem development. <i>Journal of Ecology</i> , 2019 , 107, 142-153	6	22
280	Evaluation of vegetation communities, water table, and peat composition as drivers of greenhouse gas emissions in lowland tropical peatlands. <i>Science of the Total Environment</i> , 2019 , 688, 1193-1204	10.2	15
279	Species-specific effects of phosphorus addition on tropical tree seedling response to elevated CO ₂ . <i>Functional Ecology</i> , 2019 , 33, 1871-1881	5.6	2
278	Microbial responses to warming enhance soil carbon loss following translocation across a tropical forest elevation gradient. <i>Ecology Letters</i> , 2019 , 22, 1889-1899	10	18
277	Abiotic and biotic drivers of endosymbiont community assembly in <i>Jatropha curcas</i> . <i>Ecosphere</i> , 2019 , 10, e02941	3.1	3
276	Contrasting patterns of plant and microbial diversity during long-term ecosystem development. <i>Journal of Ecology</i> , 2019 , 107, 606-621	6	29
275	Disentangling the functional trait correlates of spatial aggregation in tropical forest trees. <i>Ecology</i> , 2019 , 100, e02591	4.6	13
274	Soil nutrients and dispersal limitation shape compositional variation in secondary tropical forests across multiple scales. <i>Journal of Ecology</i> , 2019 , 107, 566-581	6	53
273	Spatial variability of organic matter properties determines methane fluxes in a tropical forested peatland. <i>Biogeochemistry</i> , 2019 , 142, 231-245	3.8	22
272	Effect of microsite quality and species composition on tree growth: A semi-empirical modeling approach. <i>Forest Ecology and Management</i> , 2019 , 432, 534-545	3.9	14
271	Plant responses to fertilization experiments in lowland, species-rich, tropical forests. <i>Ecology</i> , 2018 , 99, 1129-1138	4.6	57
270	Pervasive phosphorus limitation of tree species but not communities in tropical forests. <i>Nature</i> , 2018 , 555, 367-370	50.4	155
269	Nitrogen fixer abundance has no effect on biomass recovery during tropical secondary forest succession. <i>Journal of Ecology</i> , 2018 , 106, 1415-1427	6	17

268	Tree mycorrhizal type predicts within-site variability in the storage and distribution of soil organic matter. <i>Global Change Biology</i> , 2018 , 24, 3317-3330	11.4	91
267	Decomposition of coarse woody debris in a long-term litter manipulation experiment: A focus on nutrient availability. <i>Functional Ecology</i> , 2018 , 32, 1128-1138	5.6	12
266	A climosequence of chronosequences in southwestern Australia. <i>European Journal of Soil Science</i> , 2018 , 69, 69-85	3.4	34
265	Community proteogenomics reveals the systemic impact of phosphorus availability on microbial functions in tropical soil. <i>Nature Ecology and Evolution</i> , 2018 , 2, 499-509	12.3	58
264	Root exudate analogues accelerate CO ₂ and CH ₄ production in tropical peat. <i>Soil Biology and Biochemistry</i> , 2018 , 117, 48-55	7.5	54
263	Nutrient limitation or home field advantage: Does microbial community adaptation overcome nutrient limitation of litter decomposition in a tropical peatland?. <i>Journal of Ecology</i> , 2018 , 106, 1558-1569	6.9	15
262	Consequences of the physical nature of the parent material for pedogenesis, nutrient availability, and succession in temperate rainforests. <i>Plant and Soil</i> , 2018 , 423, 533-548	4.2	7
261	On the history and future of soil organic phosphorus research: a critique across three generations. <i>European Journal of Soil Science</i> , 2018 , 69, 86-94	3.4	14
260	Soil carbon stocks across tropical forests of Panama regulated by base cation effects on fine roots. <i>Biogeochemistry</i> , 2018 , 137, 253-266	3.8	19
259	Tropical forest dynamics in unstable terrain: a case study from New Guinea. <i>Journal of Tropical Ecology</i> , 2018 , 34, 157-175	1.3	8
258	Divergent composition and turnover of soil organic nitrogen along a climate gradient in arid and semiarid grasslands. <i>Geoderma</i> , 2018 , 327, 36-44	6.7	8
257	Temperature response of ex-situ greenhouse gas emissions from tropical peatlands: Interactions between forest type and peat moisture conditions. <i>Geoderma</i> , 2018 , 324, 47-55	6.7	25
256	Microbes follow Humboldt: temperature drives plant and soil microbial diversity patterns from the Amazon to the Andes. <i>Ecology</i> , 2018 , 99, 2455-2466	4.6	95
255	Phosphatase activity and nitrogen fixation reflect species differences, not nutrient trading or nutrient balance, across tropical rainforest trees. <i>Ecology Letters</i> , 2018 , 21, 1486-1495	10	25
254	Root-derived CO ₂ flux from a tropical peatland. <i>Wetlands Ecology and Management</i> , 2018 , 26, 985-991	2.1	13
253	Does litter input determine carbon storage and peat organic chemistry in tropical peatlands?. <i>Geoderma</i> , 2018 , 326, 76-87	6.7	30
252	Influence of pH and redox on mobilization of inositol hexakisphosphate from oligotrophic lake sediment. <i>Biogeochemistry</i> , 2018 , 140, 15-30	3.8	1
251	Silicon in tropical forests: large variation across soils and leaves suggests ecological significance. <i>Biogeochemistry</i> , 2018 , 140, 161-174	3.8	25

250	Responses of arbuscular mycorrhizal fungi to long-term inorganic and organic nutrient addition in a lowland tropical forest. <i>ISME Journal</i> , 2018 , 12, 2433-2445	11.9	27
249	High abundance of non-mycorrhizal plant species in severely phosphorus-impooverished Brazilian campos rupestres. <i>Plant and Soil</i> , 2018 , 424, 255-271	4.2	20
248	PlantSoil interactions maintain biodiversity and functions of tropical forest ecosystems. <i>Ecological Research</i> , 2018 , 33, 149-160	1.9	42
247	Composition and concentration of root exudate analogues regulate greenhouse gas fluxes from tropical peat. <i>Soil Biology and Biochemistry</i> , 2018 , 127, 280-285	7.5	24
246	Urochloa ruziziensis cover crop increases the cycling of soil inositol phosphates. <i>Biology and Fertility of Soils</i> , 2018 , 54, 935-947	6.1	8
245	Soil drivers of local-scale tree growth in a lowland tropical forest. <i>Ecology</i> , 2018 , 99, 2844-2852	4.6	14
244	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018 , 360,	33.3	4
243	Response to Comment on "Plant diversity increases with the strength of negative density dependence at the global scale". <i>Science</i> , 2018 , 360,	33.3	7
242	Decadal-scale litter manipulation alters the biochemical and physical character of tropical forest soil carbon. <i>Soil Biology and Biochemistry</i> , 2018 , 124, 199-209	7.5	21
241	Liana effects on biomass dynamics strengthen during secondary forest succession. <i>Ecology</i> , 2017 , 98, 1062-1070	4.6	22
240	A phosphorus threshold for mycoheterotrophic plants in tropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	16
239	Plant-soil feedback and the maintenance of diversity in Mediterranean-climate shrublands. <i>Science</i> , 2017 , 355, 173-176	33.3	190
238	Phosphatase activities in sediments of subtropical lakes with different trophic states. <i>Hydrobiologia</i> , 2017 , 788, 305-318	2.4	7
237	Greater root phosphatase activity in nitrogen-fixing rhizobial but not actinorhizal plants with declining phosphorus availability. <i>Journal of Ecology</i> , 2017 , 105, 1246-1255	6	41
236	Plasticity in nitrogen uptake among plant species with contrasting nutrient acquisition strategies in a tropical forest. <i>Ecology</i> , 2017 , 98, 1388-1398	4.6	26
235	Phytate induced arsenic uptake and plant growth in arsenic-hyperaccumulator <i>Pteris vittata</i> . <i>Environmental Pollution</i> , 2017 , 226, 212-218	9.3	17
234	Nitrogen addition alters ectomycorrhizal fungal communities and soil enzyme activities in a tropical montane forest. <i>Fungal Ecology</i> , 2017 , 27, 14-23	4.1	43
233	The role of soil chemistry and plant neighbourhoods in structuring fungal communities in three Panamanian rainforests. <i>Journal of Ecology</i> , 2017 , 105, 569-579	6	39

232	Biogeochemistry drives diversity in the prokaryotes, fungi, and invertebrates of a Panama forest. <i>Ecology</i> , 2017 , 98, 2019-2028	4.6	34
231	Soils and rainfall drive landscape-scale changes in the diversity and functional composition of tree communities in premontane tropical forest. <i>Journal of Vegetation Science</i> , 2017 , 28, 859-870	3.1	24
230	A hydrochemical approach to quantify the role of return flow in a surface flow-dominated catchment. <i>Hydrological Processes</i> , 2017 , 31, 1018-1033	3.3	12
229	Consequences of tropical forest conversion to oil palm on soil bacterial community and network structure. <i>Soil Biology and Biochemistry</i> , 2017 , 112, 258-268	7.5	38
228	Drivers of tree species distribution across a tropical rainfall gradient. <i>Ecosphere</i> , 2017 , 8, e01712	3.1	17
227	Arbuscular mycorrhizal fungal community composition is altered by long-term litter removal but not litter addition in a lowland tropical forest. <i>New Phytologist</i> , 2017 , 214, 455-467	9.8	34
226	Current ambient concentrations of ozone in Panama modulate the leaf chemistry of the tropical tree <i>Ficus insipida</i> . <i>Chemosphere</i> , 2017 , 172, 363-372	8.4	6
225	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017 , 551, 457-463	50.4	1076
224	Soil fertility shapes belowground food webs across a regional climate gradient. <i>Ecology Letters</i> , 2017 , 20, 1273-1284	10	54
223	Plant diversity increases with the strength of negative density dependence at the global scale. <i>Science</i> , 2017 , 356, 1389-1392	33.3	150
222	No evidence that boron influences tree species distributions in lowland tropical forests of Panama. <i>New Phytologist</i> , 2017 , 214, 108-119	9.8	2
221	Informing models through empirical relationships between foliar phosphorus, nitrogen and photosynthesis across diverse woody species in tropical forests of Panama. <i>New Phytologist</i> , 2017 , 215, 1425-1437	9.8	35
220	Tree co-occurrence and transcriptomic response to drought. <i>Nature Communications</i> , 2017 , 8, 1996	17.4	11
219	Does the Growth Rate Hypothesis Apply across Temperatures? Variation in the Growth Rate and Body Phosphorus of Neotropical Benthic Grazers. <i>Frontiers in Environmental Science</i> , 2017 , 5,	4.8	8
218	Variation in ectomycorrhizal fungal communities associated with <i>Oreomunnea mexicana</i> (Juglandaceae) in a Neotropical montane forest. <i>Mycorrhiza</i> , 2016 , 26, 1-17	3.9	58
217	Quality not quantity: Organic matter composition controls of CO ₂ and CH ₄ fluxes in neotropical peat profiles. <i>Soil Biology and Biochemistry</i> , 2016 , 103, 86-96	7.5	35
216	Assessment of bioavailable organic phosphorus in tropical forest soils by organic acid extraction and phosphatase hydrolysis. <i>Geoderma</i> , 2016 , 284, 93-102	6.7	29
215	Negative density dependence is stronger in resource-rich environments and diversifies communities when stronger for common but not rare species. <i>Ecology Letters</i> , 2016 , 19, 657-67	10	58

214	Sulfur dynamics during long-term ecosystem development. <i>Biogeochemistry</i> , 2016 , 128, 281-305	3.8	18
213	Stoichiometry of microbial carbon use efficiency in soils. <i>Ecological Monographs</i> , 2016 , 86, 172-189	9	136
212	Seedling growth responses to phosphorus reflect adult distribution patterns of tropical trees. <i>New Phytologist</i> , 2016 , 212, 400-8	9.8	36
211	Phylogenetic turnover along local environmental gradients in tropical forest communities. <i>Oecologia</i> , 2016 , 182, 547-57	2.9	8
210	Land-use history augments environment-plant community relationship strength in a Puerto Rican wet forest. <i>Journal of Ecology</i> , 2016 , 104, 1466-1477	6	11
209	Evidence for arrested succession in a liana-infested Amazonian forest. <i>Journal of Ecology</i> , 2016 , 104, 149-159	6	52
208	Root quality and decomposition environment, but not tree species richness, drive root decomposition in tropical forests. <i>Plant and Soil</i> , 2016 , 404, 125-139	4.2	19
207	Root oxygen loss from <i>Raphia taedigera</i> palms mediates greenhouse gas emissions in lowland neotropical peatlands. <i>Plant and Soil</i> , 2016 , 404, 47-60	4.2	18
206	Tracing the Sources of Atmospheric Phosphorus Deposition to a Tropical Rain Forest in Panama Using Stable Oxygen Isotopes. <i>Environmental Science & Technology</i> , 2016 , 50, 1147-56	10.3	26
205	Nutrient Availability in Tropical Rain Forests: The Paradigm of Phosphorus Limitation. <i>Tree Physiology</i> , 2016 , 261-273		45
204	Changes in soil carbon and nutrients following 6 years of litter removal and addition in a tropical semi-evergreen rain forest. <i>Biogeosciences</i> , 2016 , 13, 6183-6190	4.6	21
203	Long-Term Effects of White-Tailed Deer Exclusion on the Invasion of Exotic Plants: A Case Study in a Mid-Atlantic Temperate Forest. <i>PLoS ONE</i> , 2016 , 11, e0151825	3.7	17
202	Increasing plant species diversity and extreme species turnover accompany declining soil fertility along a long-term chronosequence in a biodiversity hotspot. <i>Journal of Ecology</i> , 2016 , 104, 792-805	6	59
201	An ectomycorrhizal nitrogen economy facilitates monodominance in a neotropical forest. <i>Ecology Letters</i> , 2016 , 19, 383-92	10	85
200	Variation in wood nutrients along a tropical soil fertility gradient. <i>New Phytologist</i> , 2016 , 211, 440-54	9.8	44
199	When does intraspecific trait variation contribute to functional beta-diversity?. <i>Journal of Ecology</i> , 2016 , 104, 487-496	6	37
198	Shifts in symbiotic associations in plants capable of forming multiple root symbioses across a long-term soil chronosequence. <i>Ecology and Evolution</i> , 2016 , 6, 2368-77	2.8	24
197	Chemical nature of residual phosphorus in Andisols. <i>Geoderma</i> , 2016 , 271, 27-31	6.7	31

196	Temperature sensitivity of soil enzymes along an elevation gradient in the Peruvian Andes. <i>Biogeochemistry</i> , 2016 , 127, 217-230	3.8	45
195	Two tropical conifers show strong growth and water-use efficiency responses to altered CO ₂ concentration. <i>Annals of Botany</i> , 2016 , 118, 1113-1125	4.1	13
194	Interference by Iron in the Determination of Boron by ICP-OES in Mehlich-III Extracts and Total Element Digests of Tropical Forest Soils. <i>Communications in Soil Science and Plant Analysis</i> , 2016 , 47, 2378-2386	1.5	8
193	Phosphorus transformations along a large-scale climosequence in arid and semiarid grasslands of northern China. <i>Global Biogeochemical Cycles</i> , 2016 , 30, 1264-1275	5.9	40
192	Variability in potential to exploit different soil organic phosphorus compounds among tropical montane tree species. <i>Functional Ecology</i> , 2015 , 29, 121-130	5.6	44
191	Soil Development and Nutrient Availability Along a 2 Million-Year Coastal Dune Chronosequence Under Species-Rich Mediterranean Shrubland in Southwestern Australia. <i>Ecosystems</i> , 2015 , 18, 287-309	3.9	82
190	Response to Comment on "The Chemical Nature of Phosphorus in Subtropical Lake Sediments" by Kenney et al.. <i>Aquatic Geochemistry</i> , 2015 , 21, 7-9	1.7	1
189	Geospatial observations on tropical forest surface soil chemistry. <i>Ecology</i> , 2015 , 96, 2313-2313	4.6	5
188	Identification of inositol hexakisphosphate binding sites in soils by selective extraction and solution 31P NMR spectroscopy. <i>Geoderma</i> , 2015 , 257-258, 22-28	6.7	29
187	Seasonal changes in soil organic matter after a decade of nutrient addition in a lowland tropical forest. <i>Biogeochemistry</i> , 2015 , 123, 221-235	3.8	36
186	Soil phosphorus fractionation and nutrient dynamics along the Cooloolo coastal dune chronosequence, southern Queensland, Australia. <i>Geoderma</i> , 2015 , 257-258, 4-13	6.7	46
185	Linking spatial patterns of leaf litterfall and soil nutrients in a tropical forest: a neighborhood approach. <i>Ecological Applications</i> , 2015 , 25, 2022-34	4.9	44
184	The effects of herbivory and nutrients on plant biomass and carbon storage in Vertisols of an East African savanna. <i>Agriculture, Ecosystems and Environment</i> , 2015 , 208, 55-63	5.7	6
183	Diversity of plant nutrient-acquisition strategies increases during long-term ecosystem development. <i>Nature Plants</i> , 2015 , 1,	11.5	139
182	Oxygen isotope ratios of plant available phosphate in lowland tropical forest soils. <i>Soil Biology and Biochemistry</i> , 2015 , 88, 354-361	7.5	24
181	Climate Warming and Soil Carbon in Tropical Forests: Insights from an Elevation Gradient in the Peruvian Andes. <i>BioScience</i> , 2015 , 65, 906-921	5.7	53
180	Leaf manganese accumulation and phosphorus-acquisition efficiency. <i>Trends in Plant Science</i> , 2015 , 20, 83-90	13.1	166
179	CTFS-ForestGEO: a worldwide network monitoring forests in an era of global change. <i>Global Change Biology</i> , 2015 , 21, 528-49	11.4	368

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14	A novel technique for the pre-concentration and extraction of inositol hexakisphosphate from soil extracts with determination by phosphorus-31 nuclear magnetic resonance. <i>Journal of Environmental Quality</i> , 2002 , 31, 466-70	3.4	1
13	Characterization of the phosphatase activities of mosses in relation to their environment. <i>Plant, Cell and Environment</i> , 2001 , 24, 1165-1176	8.4	51
12	Biogeochemistry. Phosphorus solubilization in rewetted soils. <i>Nature</i> , 2001 , 411, 258	50.4	306
11	Rapid estimation of microbial biomass in grassland soils by ultra-violet absorbance. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 913-919	7.5	53
10	Phosphorus Forms and Concentrations in Leachate under Four Grassland Soil Types. <i>Soil Science Society of America Journal</i> , 2000 , 64, 1090-1099	2.5	120
9	Phosphorus leaching under cut grassland. <i>Water Science and Technology</i> , 1999 , 39, 63	2.2	10
8	Preconcentration and Separation of Trace Phosphorus Compounds in Soil Leachate. <i>Journal of Environmental Quality</i> , 1999 , 28, 1497-1504	3.4	51
7	Phosphorus Leaching Under Cut Grassland. <i>Water Science and Technology</i> , 1999 , 39, 63-67	2.2	8
6	Forms of organic phosphorus in wetland soils		2
5	Soil microbial nutrient constraints along a tropical forest elevation gradient: a belowground test of a biogeochemical paradigm		9
4	No Evidence that the Valuable Timber Species, <i>Dalbergia Retusa</i> , Enhances Nutrient Cycling and Uptake by Neighboring Timber Species. <i>Journal of Sustainable Forestry</i> , 1-13	1.2	0
3	Inositol phosphates in soil: amounts, forms and significance of the phosphorylated inositol stereoisomers. 186-206		306
2	Microbes follow Humboldt: temperature drives plant and soil microbial diversity patterns from the Amazon to the Andes		4
1	A climosequence of chronosequences in southwestern Australia		2