

Fiona M Soper

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7138541/publications.pdf>

Version: 2024-02-01

30
papers

717
citations

567281

15
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate Paradigm Does Not Hold Up for Sugarcane. PLoS ONE, 2011, 6, e19045.	2.5	148
2	AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254.	5.3	73
3	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). Methods in Ecology and Evolution, 2020, 11, 22-37.	5.2	68
4	Non-native mangroves support carbon storage, sediment carbon burial, and accretion of coastal ecosystems. Global Change Biology, 2019, 25, 4315-4326.	9.5	41
5	Arabidopsis and Lobelia anceps access small peptides as a nitrogen source for growth. Functional Plant Biology, 2011, 38, 788.	2.1	39
6	Measuring nitrogen fixation by the acetylene reduction assay (ARA): is 3 the magic ratio?. Biogeochemistry, 2021, 152, 345-351.	3.5	29
7	Investigating patterns of symbiotic nitrogen fixation during vegetation change from grassland to woodland using fine scale $\delta^{15}N$ measurements. Plant, Cell and Environment, 2015, 38, 89-100.	5.7	24
8	Soil carbon dioxide emissions from the Mojave desert: Isotopic evidence for a carbonate source. Geophysical Research Letters, 2017, 44, 245-251.	4.0	23
9	Remotely sensed canopy nitrogen correlates with nitrous oxide emissions in a lowland tropical rainforest. Ecology, 2018, 99, 2080-2089.	3.2	23
10	Nitrogen trace gas fluxes from a semiarid subtropical savanna under woody legume encroachment. Global Biogeochemical Cycles, 2016, 30, 614-628.	4.9	22
11	Natural abundance ($\delta^{15}N$) indicates shifts in nitrogen relations of woody taxa along a savanna-woodland continental rainfall gradient. Oecologia, 2015, 178, 297-308.	2.0	21
12	Carbon and Beyond: The Biogeochemistry of Climate in a Rapidly Changing Amazon. Frontiers in Forests and Global Change, 2021, 4, .	2.3	21
13	A roadmap for sampling and scaling biological nitrogen fixation in terrestrial ecosystems. Methods in Ecology and Evolution, 2021, 12, 1122-1137.	5.2	20
14	Biogeochemical recuperation of lowland tropical forest during succession. Ecology, 2019, 100, e02641.	3.2	19
15	Leaf litter inputs reinforce islands of nitrogen fertility in a lowland tropical forest. Biogeochemistry, 2020, 147, 293-306.	3.5	19
16	Modest Gaseous Nitrogen Losses Point to Conservative Nitrogen Cycling in a Lowland Tropical Forest Watershed. Ecosystems, 2018, 21, 901-912.	3.4	18
17	Leaf-cutter ants engineer large nitrous oxide hot spots in tropical forests. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182504.	2.6	15
18	Nitrogen fixation and foliar nitrogen do not predict phosphorus acquisition strategies in tropical trees. Journal of Ecology, 2019, 107, 118-126.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Litter inputs drive patterns of soil nitrogen heterogeneity in a diverse tropical forest: Results from a litter manipulation experiment. <i>Soil Biology and Biochemistry</i> , 2021, 158, 108247.	8.8	13
20	Tradeoffs and Synergies in Tropical Forest Root Traits and Dynamics for Nutrient and Water Acquisition: Field and Modeling Advances. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	13
21	Denitrification in a subtropical, semi-arid North American savanna: field measurements and intact soil core incubations. <i>Biogeochemistry</i> , 2016, 128, 257-266.	3.5	9
22	Estimating Ecosystem Nitrogen Addition by a Leguminous Tree: A Mass Balance Approach Using a Woody Encroachment Chronosequence. <i>Ecosystems</i> , 2017, 20, 1164-1178.	3.4	8
23	Greater stem growth, woody allocation, and aboveground biomass in Paleotropical forests than in Neotropical forests. <i>Ecology</i> , 2019, 100, e02589.	3.2	7
24	A framework for fine-scale root trait syndromes: syndrome coexistence may support phosphorus partitioning in tropical forests. <i>Oikos</i> , 2023, 2023, .	2.7	7
25	Biological Cycling of Mineral Nutrients in a Temperate Forested Shale Catchment. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3204-3215.	3.0	6
26	Actinorhizal species influence plant and soil nitrogen status of semiarid shrub-dominated ecosystems in the western Great Basin, USA. <i>Journal of Arid Environments</i> , 2018, 157, 48-56.	2.4	6
27	Restoration benefits of soil nutrient manipulation and weeding in invaded dry and wet tropical ecosystems in Hawai'i. <i>Restoration Ecology</i> , 2021, 29, e13390.	2.9	5
28	Tracing plant-environment interactions from organismal to planetary scales using stable isotopes: a mini review. <i>Emerging Topics in Life Sciences</i> , 2021, 5, 301-316.	2.6	3
29	Three's a crowd: triple-isotope analysis traces alternate plant nitrogen nutrition pathways. <i>New Phytologist</i> , 2019, 223, 1687-1689.	7.3	1
30	Remotely-Sensed Canopy Nitrogen Correlates with Nitrous Oxide Emissions in a Lowland Tropical Rainforest. <i>Bulletin of the Ecological Society of America</i> , 2018, 99, e01440.	0.2	0