

Fiona M Soper

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

717
citations

567281

15
h-index

580821

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31
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework for fine-root trait syndromes: syndrome coexistence may support phosphorus partitioning in tropical forests. <i>Oikos</i> , 2023, 2023, .	2.7	7
2	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
3	Measuring nitrogen fixation by the acetylene reduction assay (ARA): is 3 the magic ratio?. <i>Biogeochemistry</i> , 2021, 152, 345-351.	3.5	29
4	Carbon and Beyond: The Biogeochemistry of Climate in a Rapidly Changing Amazon. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	21
5	A roadmap for sampling and scaling biological nitrogen fixation in terrestrial ecosystems. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1122-1137.	5.2	20
6	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
7	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
8	AusTraits, a curated plant trait database for the Australian flora. <i>Scientific Data</i> , 2021, 8, 254.	5.3	73
9	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
10	The handbook for standardized field and laboratory measurements in terrestrial climate change experiments and observational studies (ClimEx). <i>Methods in Ecology and Evolution</i> , 2020, 11, 22-37.	5.2	68
11	Leaf litter inputs reinforce islands of nitrogen fertility in a lowland tropical forest. <i>Biogeochemistry</i> , 2020, 147, 293-306.	3.5	19
12	Nitrogen fixation and foliar nitrogen do not predict phosphorus acquisition strategies in tropical trees. <i>Journal of Ecology</i> , 2019, 107, 118-126.	4.0	13
13	Three's a crowd: triple-isotope analysis traces alternate plant nitrogen nutrition pathways. <i>New Phytologist</i> , 2019, 223, 1687-1689.	7.3	1
14	Non-native mangroves support carbon storage, sediment carbon burial, and accretion of coastal ecosystems. <i>Global Change Biology</i> , 2019, 25, 4315-4326.	9.5	41
15	Biogeochemical recuperation of lowland tropical forest during succession. <i>Ecology</i> , 2019, 100, e02641.	3.2	19
16	Leaf-cutter ants engineer large nitrous oxide hot spots in tropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182504.	2.6	15
17	Greater stem growth, woody allocation, and aboveground biomass in Paleotropical forests than in Neotropical forests. <i>Ecology</i> , 2019, 100, e02589.	3.2	7
18	Modest Gaseous Nitrogen Losses Point to Conservative Nitrogen Cycling in a Lowland Tropical Forest Watershed. <i>Ecosystems</i> , 2018, 21, 901-912.	3.4	18

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19	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
20	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
21	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
22	Remotely sensed canopy nitrogen correlates with nitrous oxide emissions in a lowland tropical rainforest. <i>Ecology</i> , 2018, 99, 2080-2089.	3.2	23
23	Soil carbon dioxide emissions from the Mojave desert: Isotopic evidence for a carbonate source. <i>Geophysical Research Letters</i> , 2017, 44, 245-251.	4.0	23
24	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
25	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
26	Nitrogen trace gas fluxes from a semiarid subtropical savanna under woody legume encroachment. <i>Global Biogeochemical Cycles</i> , 2016, 30, 614-628.	4.9	22
27	Natural abundance ($\delta^{15}\text{N}$) indicates shifts in nitrogen relations of woody taxa along a savanna-woodland continental rainfall gradient. <i>Oecologia</i> , 2015, 178, 297-308.	2.0	21
28	Investigating patterns of symbiotic nitrogen fixation during vegetation change from grassland to woodland using fine scale ^{15}N measurements. <i>Plant, Cell and Environment</i> , 2015, 38, 89-100.	5.7	24
29	<i>Arabidopsis</i> and <i>Lobelia anceps</i> access small peptides as a nitrogen source for growth. <i>Functional Plant Biology</i> , 2011, 38, 788.	2.1	39
30	Nitrate Paradigm Does Not Hold Up for Sugarcane. <i>PLoS ONE</i> , 2011, 6, e19045.	2.5	148