

Sarah E Evans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/827025/publications.pdf>

Version: 2024-02-01

32
papers

3,519
citations

430442

18
h-index

377514

34
g-index

37
all docs

37
docs citations

37
times ranked

5545
citing authors

#	ARTICLE	IF	CITATIONS
1	Dead but Not Forgotten: How Extracellular DNA, Moisture, and Space Modulate the Horizontal Transfer of Extracellular Antibiotic Resistance Genes in Soil. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0228021.	1.4	15
2	Microbes, memory and moisture: Predicting microbial moisture responses and their impact on carbon cycling. <i>Functional Ecology</i> , 2022, 36, 1430-1441.	1.7	15
3	Photodegradation of plant litter cuticles enhances microbial decomposition by increasing uptake of non-rainfall moisture. <i>Functional Ecology</i> , 2022, 36, 1727-1738.	1.7	6
4	Switchgrass cropping systems affect soil carbon and nitrogen and microbial diversity and activity on marginal lands. <i>GCB Bioenergy</i> , 2022, 14, 918-940.	2.5	7
5	Shifts in gut microbiome across five decades of repeated guppy translocations in Trinidadian streams. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	4
6	Switchgrass Rhizosphere Metabolite Chemistry Driven by Nitrogen Availability. <i>Phytobiomes Journal</i> , 2021, 5, 88-96.	1.4	10
7	Intraspecific Variability in Root Traits and Edaphic Conditions Influence Soil Microbiomes Across 12 Switchgrass Cultivars. <i>Phytobiomes Journal</i> , 2021, 5, 108-120.	1.4	18
8	Fungal Communities on Standing Litter Are Structured by Moisture Type and Constrain Decomposition in a Hyper-Arid Grassland. <i>Frontiers in Microbiology</i> , 2021, 12, 596517.	1.5	14
9	Large ecosystem-scale effects of restoration fail to mitigate impacts of land-use legacies in longleaf pine savannas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
10	Why Plants Harbor Complex Endophytic Fungal Communities: Insights From Perennial Bunchgrass <i>Stipagrostis sabulicola</i> in the Namib Sand Sea. <i>Frontiers in Microbiology</i> , 2021, 12, 691584.	1.5	6
11	Contributions of environmental and maternal transmission to the assembly of leaf fungal endophyte communities. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210621.	1.2	4
12	Temporal dynamics of free-living nitrogen fixation in the switchgrass rhizosphere. <i>GCB Bioenergy</i> , 2021, 13, 1814.	2.5	5
13	Dispersal alters soil microbial community response to drought. <i>Environmental Microbiology</i> , 2020, 22, 905-916.	1.8	38
14	Non-rainfall Moisture: A Key Driver of Microbial Respiration from Standing Litter in Arid, Semiarid, and Mesic Grasslands. <i>Ecosystems</i> , 2020, 23, 1154-1169.	1.6	31
15	Impacts of nitrogen addition on switchgrass root-associated diazotrophic community structure and function. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	9
16	Agricultural land-use history and restoration impact soil microbial biodiversity. <i>Journal of Applied Ecology</i> , 2020, 57, 852-863.	1.9	56
17	The biology of fog: results from coastal Maine and Namib Desert reveal common drivers of fog microbial composition. <i>Science of the Total Environment</i> , 2019, 647, 1547-1556.	3.9	40
18	Optimization of the $^{15}\text{N}_2$ incorporation and acetylene reduction methods for free-living nitrogen fixation. <i>Plant and Soil</i> , 2019, 445, 595-611.	1.8	16

#	ARTICLE	IF	CITATIONS
19	To Fix or Not To Fix: Controls on Free-Living Nitrogen Fixation in the Rhizosphere. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	97
20	Effects of soil nitrogen availability on rhizodeposition in plants: a review. <i>Plant and Soil</i> , 2018, 423, 59-85.	1.8	45
21	Asymmetric responses of primary productivity to precipitation extremes: A synthesis of grassland precipitation manipulation experiments. <i>Global Change Biology</i> , 2017, 23, 4376-4385.	4.2	231
22	Effects of dispersal and selection on stochastic assembly in microbial communities. <i>ISME Journal</i> , 2017, 11, 176-185.	4.4	256
23	Synergistic effects of diffusion and microbial physiology reproduce the Birch effect in a micro-scale model. <i>Soil Biology and Biochemistry</i> , 2016, 93, 28-37.	4.2	55
24	Non-Rainfall Moisture Activates Fungal Decomposition of Surface Litter in the Namib Sand Sea. <i>PLoS ONE</i> , 2015, 10, e0126977.	1.1	66
25	Relationships between protein-encoding gene abundance and corresponding process are commonly assumed yet rarely observed. <i>ISME Journal</i> , 2015, 9, 1693-1699.	4.4	276
26	Climate change alters ecological strategies of soil bacteria. <i>Ecology Letters</i> , 2014, 17, 155-164.	3.0	340
27	Is bacterial moisture niche a good predictor of shifts in community composition under long-term drought?. <i>Ecology</i> , 2014, 95, 110-122.	1.5	97
28	Carbon and Nitrogen Decoupling Under an 11-Year Drought in the Shortgrass Steppe. <i>Ecosystems</i> , 2013, 16, 20-33.	1.6	96
29	Soil microbial community response to drying and rewetting stress: does historical precipitation regime matter?. <i>Biogeochemistry</i> , 2012, 109, 101-116.	1.7	360
30	Controls on soil organic carbon and nitrogen in Inner Mongolia, China: A cross-continental comparison of temperate grasslands. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	1.9	32
31	Temperature and soil organic matter decomposition rates - synthesis of current knowledge and a way forward. <i>Global Change Biology</i> , 2011, 17, 3392-3404.	4.2	1,143
32	Defining the limit to resistance in a drought-tolerant grassland: long-term severe drought significantly reduces the dominant species and increases ruderals. <i>Journal of Ecology</i> , 2011, 99, 1500-1507.	1.9	98