

Kyle Mason-Jones

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8154356/publications.pdf>

Version: 2024-02-01

16
papers

592
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Viruses in soil: Nano-scale undead drivers of microbial life, biogeochemical turnover and ecosystem functions. <i>Soil Biology and Biochemistry</i> , 2018, 127, 305-317.	8.8	172
2	Contrasting effects of organic and mineral nitrogen challenge the N-Mining Hypothesis for soil organic matter priming. <i>Soil Biology and Biochemistry</i> , 2018, 124, 38-46.	8.8	68
3	An energetic life cycle assessment of C&D waste and container glass recycling in Cape Town, South Africa. <i>Resources, Conservation and Recycling</i> , 2014, 88, 39-49.	10.8	62
4	Microbial storage and its implications for soil ecology. <i>ISME Journal</i> , 2022, 16, 617-629.	9.8	47
5	Coupling zymography with pH mapping reveals a shift in lupine phosphorus acquisition strategy driven by cluster roots. <i>Soil Biology and Biochemistry</i> , 2019, 135, 420-428.	8.8	36
6	Non-metabolizable glucose analogue shines new light on priming mechanisms: Triggering of microbial metabolism. <i>Soil Biology and Biochemistry</i> , 2017, 107, 68-76.	8.8	35
7	Soil microorganisms exhibit enzymatic and priming response to root mucilage under drought. <i>Soil Biology and Biochemistry</i> , 2018, 116, 410-418.	8.8	35
8	Mucilage Polysaccharide Composition and Exudation in Maize From Contrasting Climatic Regions. <i>Frontiers in Plant Science</i> , 2020, 11, 587610.	3.6	34
9	T4-like Phages Reveal the Potential Role of Viruses in Soil Organic Matter Mineralization. <i>Environmental Science & Technology</i> , 2021, 55, 6440-6448.	10.0	22
10	Form of nitrogen deposition affects soil organic matter priming by glucose and cellulose. <i>Biology and Fertility of Soils</i> , 2019, 55, 383-391.	4.3	19
11	Compound-specific ¹³ C stable isotope probing confirms synthesis of polyhydroxybutyrate by soil bacteria. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 795-802.	1.5	18
12	Biogels in Soils: Plant Mucilage as a Biofilm Matrix That Shapes the Rhizosphere Microbial Habitat. <i>Frontiers in Plant Science</i> , 2021, 12, 798992.	3.6	13
13	Intracellular Storage Reduces Stoichiometric Imbalances in Soil Microbial Biomass – A Theoretical Exploration. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	11
14	Flows and fates of nickel-cadmium batteries in the City of Cape Town. <i>Minerals Engineering</i> , 2010, 23, 211-218.	4.3	10
15	Short-term temperature history affects mineralization of fresh litter and extant soil organic matter, irrespective of agricultural management. <i>Soil Biology and Biochemistry</i> , 2020, 150, 107985.	8.8	7
16	Mineralization of non-metabolizable glucose analogues in soil: potential chemosensory mimics of glucose. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 165-168.	1.9	3