

# Yuntao Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3549412/publications.pdf>

Version: 2024-02-01

11  
papers

906  
citations

1040056

9  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1030  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil multifunctionality is affected by the soil environment and by microbial community composition and diversity. <i>Soil Biology and Biochemistry</i> , 2019, 136, 107521.	8.8	217
2	Increased microbial growth, biomass, and turnover drive soil organic carbon accumulation at higher plant diversity. <i>Global Change Biology</i> , 2020, 26, 669-681.	9.5	217
3	Growth explains microbial carbon use efficiency across soils differing in land use and geology. <i>Soil Biology and Biochemistry</i> , 2019, 128, 45-55.	8.8	127
4	Direct measurement of the in situ decomposition of microbial-derived soil organic matter. <i>Soil Biology and Biochemistry</i> , 2020, 141, 107660.	8.8	93
5	Environmental effects on soil microbial nitrogen use efficiency are controlled by allocation of organic nitrogen to microbial growth and regulate gross N mineralization. <i>Soil Biology and Biochemistry</i> , 2019, 135, 304-315.	8.8	90
6	Significant release and microbial utilization of amino sugars and d-amino acid enantiomers from microbial cell wall decomposition in soils. <i>Soil Biology and Biochemistry</i> , 2018, 123, 115-125.	8.8	50
7	Wide-spread limitation of soil organic nitrogen transformations by substrate availability and not by extracellular enzyme content. <i>Soil Biology and Biochemistry</i> , 2019, 133, 37-49.	8.8	48
8	Flux Analysis of Free Amino Sugars and Amino Acids in Soils by Isotope Tracing with a Novel Liquid Chromatography/High Resolution Mass Spectrometry Platform. <i>Analytical Chemistry</i> , 2017, 89, 9192-9200.	6.5	36
9	Mass Spectrometry for Natural Product Discovery. , 2020, , 263-306.		13
10	Denitrification is the major nitrous acid production pathway in boreal agricultural soils. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	12
11	Microbial responses to herbivory-induced vegetation changes in a high-Arctic peatland. <i>Polar Biology</i> , 2021, 44, 899-911.	1.2	3