

# Yongxiang Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

426  
citations

759233

12  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of microplastics on soil carbon dioxide emissions and the microbial functional genes involved in organic carbon decomposition in agricultural soil. <i>Science of the Total Environment</i> , 2022, 806, 150714.	8.0	77
2	Polyethylene microplastics alter the microbial functional gene abundances and increase nitrous oxide emissions from paddy soils. <i>Journal of Hazardous Materials</i> , 2022, 432, 128721.	12.4	63
3	A meta-analysis of film mulching cultivation effects on soil organic carbon and soil greenhouse gas fluxes. <i>Catena</i> , 2021, 206, 105483.	5.0	55
4	Interactive effects of soil texture and salinity on nitrous oxide emissions following crop residue amendment. <i>Geoderma</i> , 2019, 337, 1146-1154.	5.1	36
5	Evaluation of the effects of plastic mulching and nitrapyrin on nitrous oxide emissions and economic parameters in an arid agricultural field. <i>Geoderma</i> , 2018, 324, 98-108.	5.1	25
6	Assessment of the effect of plastic mulching on soil respiration in the arid agricultural region of China under future climate scenarios. <i>Agricultural and Forest Meteorology</i> , 2018, 256-257, 1-9.	4.8	24
7	Effects of nitrogen fertilizer, soil temperature and moisture on the soil-surface CO <sub>2</sub> efflux and production in an oasis cotton field in arid northwestern China. <i>Geoderma</i> , 2017, 308, 93-103.	5.1	22
8	The conversion of subtropical forest to tea plantation changes the fungal community and the contribution of fungi to N <sub>2</sub> O production. <i>Environmental Pollution</i> , 2020, 265, 115106.	7.5	22
9	Impact of plastic mulching on nitrous oxide emissions in China's arid agricultural region under climate change conditions. <i>Atmospheric Environment</i> , 2017, 158, 76-84.	4.1	20
10	Biochar suppresses N <sub>2</sub> O emissions and alters microbial communities in an acidic tea soil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35978-35987.	5.3	18
11	Soil salinity changes the temperature sensitivity of soil carbon dioxide and nitrous oxide emissions. <i>Catena</i> , 2020, 195, 104912.	5.0	16
12	Ability of split urea applications to reduce nitrous oxide emissions: A laboratory incubation experiment. <i>Applied Soil Ecology</i> , 2016, 100, 75-80.	4.3	13
13	Can aged biochar offset soil greenhouse gas emissions from crop residue amendments in saline and non-saline soils under laboratory conditions?. <i>Science of the Total Environment</i> , 2022, 806, 151256.	8.0	12
14	Modelling soil and root respiration in a cotton field using the DNDC model. <i>Journal of Plant Nutrition and Soil Science</i> , 2015, 178, 787-791.	1.9	10
15	Soil Texture Alters the Impact of Salinity on Carbon Mineralization. <i>Agronomy</i> , 2021, 11, 128.	3.0	9
16	Effect of Zinc Oxide Nanoparticles on Nitrous Oxide Emissions in Agricultural Soil. <i>Agriculture (Switzerland)</i> , 2021, 11, 730.	3.1	4