

# Andong Cai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/887011/publications.pdf>

Version: 2024-02-01

24  
papers

1,057  
citations

471061

17  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

924  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manure acts as a better fertilizer for increasing crop yields than synthetic fertilizer does by improving soil fertility. <i>Soil and Tillage Research</i> , 2019, 189, 168-175.	2.6	241
2	Yield sustainability, soil organic carbon sequestration and nutrients balance under long-term combined application of manure and inorganic fertilizers in acidic paddy soil. <i>Soil and Tillage Research</i> , 2020, 198, 104569.	2.6	143
3	Climate, soil texture, and soil types affect the contributions of fine-fraction-stabilized carbon to total soil organic carbon in different land uses across China. <i>Journal of Environmental Management</i> , 2016, 172, 2-9.	3.8	82
4	Effects of biochar application on crop productivity, soil carbon sequestration, and global warming potential controlled by biochar C:N ratio and soil pH: A global meta-analysis. <i>Soil and Tillage Research</i> , 2021, 213, 105125.	2.6	76
5	Soil and microbial biomass stoichiometry regulate soil organic carbon and nitrogen mineralization in rice-wheat rotation subjected to long-term fertilization. <i>Journal of Soils and Sediments</i> , 2020, 20, 3103-3113.	1.5	58
6	Soil fertility and crop yield after manure addition to acidic soils in South China. <i>Nutrient Cycling in Agroecosystems</i> , 2018, 111, 61-72.	1.1	56
7	Long-term straw decomposition in agro-ecosystems described by a unified three-exponentiation equation with thermal time. <i>Science of the Total Environment</i> , 2018, 636, 699-708.	3.9	50
8	Carbon and Nitrogen Mineralization in Relation to Soil Particle-Size Fractions after 32 Years of Chemical and Manure Application in a Continuous Maize Cropping System. <i>PLoS ONE</i> , 2016, 11, e0152521.	1.1	45
9	The links between potassium availability and soil exchangeable calcium, magnesium, and aluminum are mediated by lime in acidic soil. <i>Journal of Soils and Sediments</i> , 2019, 19, 1382-1392.	1.5	34
10	Exotic <i>Spartina alterniflora</i> Loisel. Invasion significantly shifts soil bacterial communities with the successional gradient of saltmarsh in eastern China. <i>Plant and Soil</i> , 2020, 449, 97-115.	1.8	31
11	Declines in soil carbon storage under no tillage can be alleviated in the long run. <i>Geoderma</i> , 2022, 425, 116028.	2.3	28
12	Plant traits in influencing soil moisture in semiarid grasslands of the Loess Plateau, China. <i>Science of the Total Environment</i> , 2020, 718, 137355.	3.9	25
13	Soil organic carbon saturation deficit under primary agricultural managements across major croplands in China. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	1.5	24
14	Soil biochemical parameters in the rhizosphere contribute more to changes in soil respiration and its components than those in the bulk soil under nitrogen application in croplands. <i>Plant and Soil</i> , 2019, 435, 111-125.	1.8	21
15	Optimizing Soil and Fertilizer Phosphorus Management According to the Yield Response and Phosphorus Use Efficiency of Sugarcane in Southern China. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1655-1664.	1.7	21
16	Changes in mineral-associated carbon and nitrogen by long-term fertilization and sequestration potential with various cropping across China dry croplands. <i>Soil and Tillage Research</i> , 2021, 205, 104725.	2.6	20
17	Patterns and driving factors of litter decomposition across Chinese terrestrial ecosystems. <i>Journal of Cleaner Production</i> , 2021, 278, 123964.	4.6	19
18	Fertilization enhances mineralization of soil carbon and nitrogen pools by regulating the bacterial community and biomass. <i>Journal of Soils and Sediments</i> , 2021, 21, 1633-1643.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Long-term fertilization leads to specific PLFA finger-prints in Chinese Hapludults soil. <i>Journal of Integrative Agriculture</i> , 2020, 19, 1354-1362.	1.7	15
20	The spatial patterns of litter turnover time in Chinese terrestrial ecosystems. <i>European Journal of Soil Science</i> , 2020, 71, 856-867.	1.8	14
21	Coastal reclamation alters soil microbial communities following different land use patterns in the Eastern coastal zone of China. <i>Scientific Reports</i> , 2021, 11, 7265.	1.6	12
22	Assessing wetland sustainability by modeling water table dynamics under climate change. <i>Journal of Cleaner Production</i> , 2020, 263, 121293.	4.6	10
23	Correlations among soil biochemical parameters, crop yield, and soil respiration vary with growth stage and soil depth under fertilization. <i>Agronomy Journal</i> , 2021, 113, 2450-2462.	0.9	10
24	Characteristics and Driving Factors of Nitrogen-Use Efficiency in Chinese Greenhouse Tomato Cultivation. <i>Sustainability</i> , 2022, 14, 805.	1.6	4