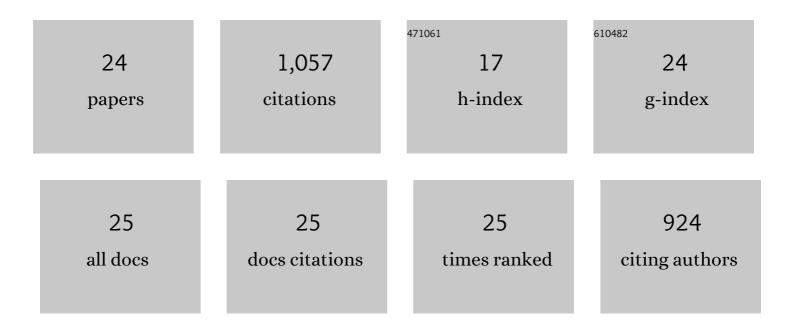
Andong Cai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/887011/publications.pdf Version: 2024-02-01



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#	Article	IF	CITATIONS
1	Manure acts as a better fertilizer for increasing crop yields than synthetic fertilizer does by improving soil fertility. Soil and Tillage Research, 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. Soil and Tillage Research, 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. Journal of Environmental Management, 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. Soil and Tillage Research, 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. Journal of Soils and Sediments, 2020, 20, 3103-3113.	1.5	58
6	Soil fertility and crop yield after manure addition to acidic soils in South China. Nutrient Cycling in Agroecosystems, 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. Science of the Total Environment, 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. PLoS ONE, 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. Journal of Soils and Sediments, 2019, 19, 1382-1392.	1.5	34
10	Exotic Spartina alterniflora Loisel. Invasion significantly shifts soil bacterial communities with the successional gradient of saltmarsh in eastern China. Plant and Soil, 2020, 449, 97-115.	1.8	31
11	Declines in soil carbon storage under no tillage can be alleviated in the long run. Geoderma, 2022, 425, 116028.	2.3	28
12	Plant traits in influencing soil moisture in semiarid grasslands of the Loess Plateau, China. Science of the Total Environment, 2020, 718, 137355.	3.9	25
13	Soil organic carbon saturation deficit under primary agricultural managements across major croplands in China. Ecosystem Health and Sustainability, 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. Plant and Soil, 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. Journal of Soil Science and Plant Nutrition, 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. Soil and Tillage Research, 2021, 205, 104725.	2.6	20
17	Patterns and driving factors of litter decomposition across Chinese terrestrial ecosystems. Journal of Cleaner Production, 2021, 278, 123964.	4.6	19
18	Fertilization enhances mineralization of soil carbon and nitrogen pools by regulating the bacterial community and biomass. Journal of Soils and Sediments, 2021, 21, 1633-1643.	1.5	18

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#	Article	IF	CITATIONS
19	Long-term fertilization leads to specific PLFA finger-prints in Chinese Hapludults soil. Journal of Integrative Agriculture, 2020, 19, 1354-1362.	1.7	15
20	The spatial patterns of litter turnover time in Chinese terrestrial ecosystems. European Journal of Soil Science, 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. Scientific Reports, 2021, 11, 7265.	1.6	12
22	Assessing wetland sustainability by modeling water table dynamics under climate change. Journal of Cleaner Production, 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. Agronomy Journal, 2021, 113, 2450-2462.	0.9	10
24	Characteristics and Driving Factors of Nitrogen-Use Efficiency in Chinese Greenhouse Tomato Cultivation. Sustainability, 2022, 14, 805.	1.6	4