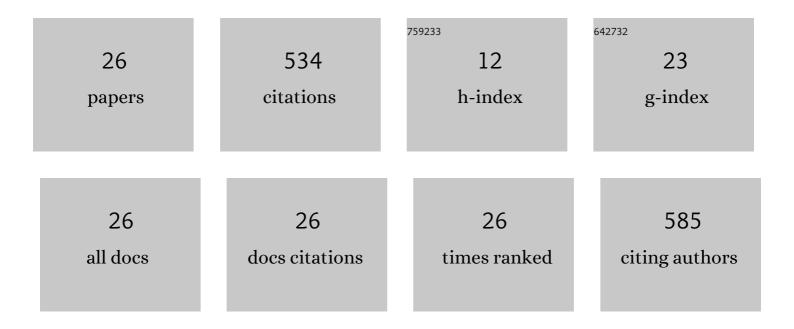
Jianguo Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/807711/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Fine-scale spatial distribution of soil organic carbon and its fractions after afforestation with <i>Pinus sylvestris</i> and <i>Salix psammophila</i> in a semiarid desert of China. Journal of Plant Ecology, 2022, 15, 141-154.	2.3	5
2	Adsorption of cations at the illite–water interface and its effect on intrinsic potassium ions. European Journal of Soil Science, 2022, 73, .	3.9	7
3	Effects of Artemisia ordosica on fine-scale spatial distribution of soil C, N and P and physical–chemical properties in the Mu Us Desert, China. Journal of Soils and Sediments, 2022, 22, 172-184.	3.0	4
4	Addition of walnut shells biochar to alkaline arable soil caused contradictory effects on CO2 and N2O emissions, nutrients availability, and enzymes activity. Chemosphere, 2022, 293, 133476.	8.2	12
5	Infiltration of salt solutions through illite particles: Effect of nanochannel size and cation type. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 641, 128581.	4.7	4
6	Photosynthetic Responses of Two Woody Halophyte Species to Saline Groundwater Irrigation in the Taklimakan Desert. Water (Switzerland), 2022, 14, 1385.	2.7	7
7	Effect of Shelterbelt Construction on Soil Water Characteristic Curves in an Extreme Arid Shifting Desert. Water (Switzerland), 2022, 14, 1803.	2.7	3
8	Long-term vegetation restoration increases deep soil carbon storage in the Northern Loess Plateau. Scientific Reports, 2021, 11, 13758.	3.3	54
9	Coupling of Adsorption Site and Cation Ratio Regulates the Adsorption of Cs+ and Na+ at the Surface of Clay Mineral. Applied Clay Science, 2021, 209, 106121.	5.2	11
10	Screening and Characterization of Two Extracellular Polysaccharide-Producing Bacteria from the Biocrust of the Mu Us Desert. Molecules, 2021, 26, 5521.	3.8	0
11	Wheat and maize-derived water-washed and unwashed biochar improved the nutrients phytoavailability and the grain and straw yield of rice and wheat: A field trial for sustainable management of paddy soils. Journal of Environmental Management, 2021, 297, 113250.	7.8	29
12	Longâ€ŧerm vegetation restoration increases carbon sequestration of different soil particles in a semiâ€arid desert. Ecosphere, 2021, 12, e03848.	2.2	6
13	Specific elevated adsorption and stability of cations in the interlayer compared with at the external surface of clay minerals. Applied Clay Science, 2020, 198, 105814.	5.2	20
14	Invasion of Pb2+ into montmorillonite-illite clay and the response of interlayer K+ and water. Applied Clay Science, 2020, 194, 105693.	5.2	14
15	Effects of Long-Term Vegetation Restoration on Distribution of Deep Soil Moisture in Semi-arid Northwest of China. Journal of Soil Science and Plant Nutrition, 2020, 20, 2123-2132.	3.4	5
16	Adsorption of Cesium at the External Surface of TOT Type Clay Mineral: Effect of the Interlayer Cation and the Hydrated State. Journal of Physical Chemistry C, 2019, 123, 19540-19548.	3.1	12
17	Co-Application of Milk Tea Waste and NPK Fertilizers to Improve Sandy Soil Biochemical Properties and Wheat Growth. Molecules, 2019, 24, 423.	3.8	23
18	Effects of Different Biochars on Wheat Growth Parameters, Yield and Soil Fertility Status in a Silty Clay Loam Soil. Molecules, 2019, 24, 1798.	3.8	18

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#	Article	IF	CITATIONS
19	Contrasting effects of banana peels waste and its biochar on greenhouse gas emissions and soil biochemical properties. Chemical Engineering Research and Design, 2019, 122, 366-377.	5.6	82
20	Soil aggregation formation in relation to planting time, water salinity, and species in the Taklimakan Desert Highway shelterbelt. Journal of Soils and Sediments, 2018, 18, 1466-1477.	3.0	7
21	Effects of straw and biochar amendments on aggregate stability, soil organic carbon, and enzyme activities in the Loess Plateau, China. Environmental Science and Pollution Research, 2017, 24, 10108-10120.	5.3	121
22	Spatial-Temporal Distribution of Soil Salt Crusts under Saline Drip Irrigation in an Artificial Desert Highway Shelterbelt. Water (Switzerland), 2016, 8, 35.	2.7	5
23	ls the Taklimakan Desert Highway Shelterbelt Sustainable to Long-Term Drip Irrigation with High Saline Groundwater?. PLoS ONE, 2016, 11, e0164106.	2.5	7
24	Modeling of Soil Water and Salt Dynamics and Its Effects on Root Water Uptake in Heihe Arid Wetland, Gansu, China. Water (Switzerland), 2015, 7, 2382-2401.	2.7	55
25	Research on chemical characteristics of soil salt crusts with saline groundwater drip-irrigation in the Tarim Desert Highway Shelterbelt. SpringerPlus, 2013, 2, S5.	1.2	3
26	The salt accumulation at the shifting aeolian sandy soil surface with high salinity groundwater drip irrigation in the hinterland of the Taklimakan Desert. Science Bulletin, 2008, 53, 63-70.	9.0	20