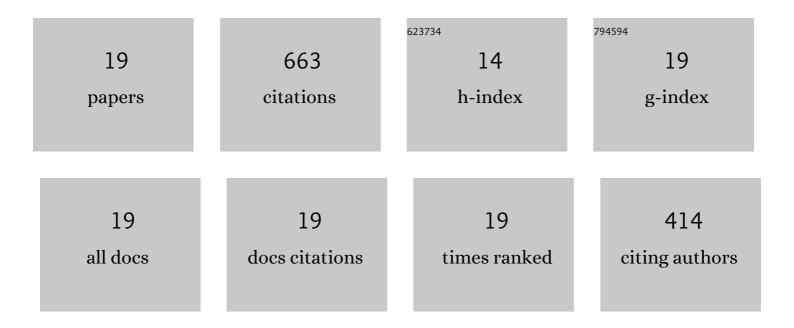
Zhongkui Chen

List of Publications by Year in descending order

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ZHONCKUI CHEN

#	Article	IF	CITATIONS
1	Experimental investigation on water release and gas emission of evapotranspirative capillary barrier landfill covers. Soil Science Society of America Journal, 2022, 86, 311-323.	2.2	8
2	Experimental Investigation on the Influencing Factors of Compressive Strength of Foamed Lightweight Material Utilizing Completely Decomposed Granite. Materials, 2022, 15, 1060.	2.9	3
3	Effects of soil–plant-biochar interactions on water retention and slope stability under various rainfall patterns. Landslides, 2022, 19, 1379-1390.	5.4	28
4	Modelling the water retention behaviour of anisotropic soils. Journal of Hydrology, 2021, 599, 126361.	5.4	22
5	A new simple and low-cost air permeameter for unsaturated soils. Soil and Tillage Research, 2021, 213, 105083.	5.6	14
6	Gas permeability and water retention of a repacked silty sand amended with different particle sizes of peanut shell biochar. Soil Science Society of America Journal, 2020, 84, 1630-1641.	2.2	24
7	A new method for dynamically estimating long-term seepage failure frequency for high concrete faced rockfill dams. Environmental Earth Sciences, 2020, 79, 1.	2.7	5
8	Image Edge Recognition of Virtual Reality Scene Based on Multi-Operator Dynamic Weight Detection. IEEE Access, 2020, 8, 111289-111302.	4.2	15
9	Influence of Slope Angle on Water Flow in a Three‣ayer Capillary Barrier Soil Cover under Heavy Rainfall. Soil Science Society of America Journal, 2019, 83, 1637-1647.	2.2	18
10	Effect of root density of wheat and okra on hydraulic properties of an unsaturated compacted loam. European Journal of Soil Science, 2019, 70, 493-506.	3.9	36
11	Effects of Jointed Rock Mass and Mixed Ground Conditions on the Cutting Efficiency and Cutter Wear of Tunnel Boring Machine. Rock Mechanics and Rock Engineering, 2019, 52, 1303-1313.	5.4	54
12	Analytical solution for one-dimensional contaminant diffusion through unsaturated soils beneath geomembrane. Journal of Hydrology, 2019, 568, 260-274.	5.4	38
13	Effects of biochar on hydraulic conductivity of compacted kaolin clay. Environmental Pollution, 2018, 234, 468-472.	7.5	56
14	Soil-water retention behavior of compacted biochar-amended clay: a novel landfill final cover material. Journal of Soils and Sediments, 2017, 17, 590-598.	3.0	101
15	Water Infiltration into a New Three-Layer Landfill Cover System. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	59
16	Gas permeability of biochar-amended clay: potential alternative landfill final cover material. Environmental Science and Pollution Research, 2016, 23, 7126-7131.	5.3	60
17	Numerical Investigation on Gas Emission from Three Landfill Soil Covers under Dry Weather Conditions. Vadose Zone Journal, 2015, 14, 1-10.	2.2	20
18	Numerical parametric study of an alternative three-layer capillary barrier cover system. Environmental Earth Sciences, 2015, 74, 4419-4429.	2.7	21

#	Article	IF	CITATIONS
19	Physical and numerical modeling of an inclined three-layer (silt/gravelly sand/clay) capillary barrier cover system under extreme rainfall. Waste Management, 2015, 38, 210-221.	7.4	81