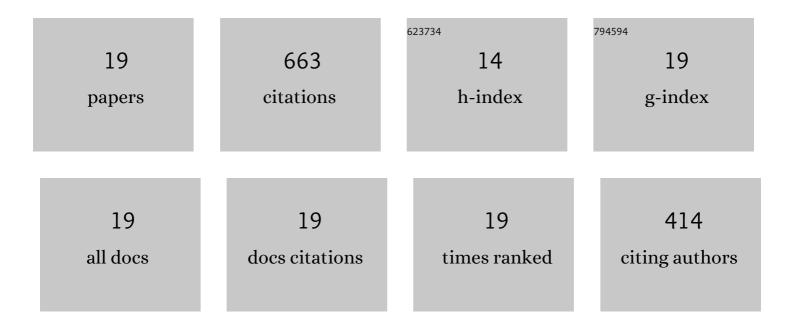
## Zhongkui Chen

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<br>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.<br>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<br>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.<br>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<br>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<br>Engineering, ASCE, 2016, 142, .   | 1.4 | 59        |
| 16 | Gas permeability of biochar-amended clay: potential alternative landfill final cover material.<br>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<br>Conditions. Vadose Zone Journal, 2015, 14, 1-10.  | 2.2 | 20        |
| 18 | Numerical parametric study of an alternative three-layer capillary barrier cover system.<br>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        |