

# Guotao Cui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1473075/publications.pdf>

Version: 2024-02-01

16  
papers

256  
citations

1039406

9  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

227  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Assessment of regional-scale water resources carrying capacity based on fuzzy multiple attribute decision-making and scenario simulation. <i>Ecological Indicators</i> , 2021, 130, 108034.          | 2.6 | 50        |
| 2  | China pursues a strict water resources management system. <i>Environmental Earth Sciences</i> , 2014, 72, 2219-2222.   | 1.3 | 47        |
| 3  | Improving the DNDC biogeochemistry model to simulate soil temperature and emissions of nitrous oxide and carbon dioxide in cold regions. <i>Science of the Total Environment</i> , 2019, 687, 61-70. | 3.9 | 37        |
| 4  | Quantitative Analysis of Human-Water Relationships and Harmony-Based Regulation in the Tarim River Basin. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .                              | 0.8 | 27        |
| 5  | Infiltration model in sloping layered soils and guidelines for model parameter estimation. <i>Hydrological Sciences Journal</i> , 2017, 62, 2222-2237.   | 1.2 | 14        |
| 6  | Prediction of unsaturated flow and water backfill during infiltration in layered soils. <i>Journal of Hydrology</i> , 2018, 557, 509-521.  | 2.3 | 13        |
| 7  | Detecting Rain-Snow-Transition Elevations in Mountain Basins Using Wireless Sensor Networks. <i>Journal of Hydrometeorology</i> , 2020, 21, 2061-2081.   | 0.7 | 13        |
| 8  | Description and Application of a Mathematical Method for the Analysis of Harmony. <i>Scientific World Journal</i> , The, 2015, 2015, 1-9.  | 0.8 | 10        |
| 9  | Infiltration Model Based on Traveling Characteristics of Wetting Front. <i>Soil Science Society of America Journal</i> , 2018, 82, 45-55.  | 1.2 | 10        |
| 10 | Assessing multi-year-drought vulnerability in dense Mediterranean-climate forests using water-balance-based indicators. <i>Journal of Hydrology</i> , 2022, 606, 127431.                             | 2.3 | 10        |
| 11 | Disposal of chemical contaminants into groundwater: viewing hidden environmental pollution in China. <i>Environmental Earth Sciences</i> , 2013, 70, 1933-1935.                                      | 1.3 | 7         |
| 12 | Mechanisms Controlling Carbon Sinks in Semi-Arid Mountain Ecosystems. <i>Global Biogeochemical Cycles</i> , 2022, 36, .  | 1.9 | 5         |
| 13 | International viewpoint and news. <i>Environmental Earth Sciences</i> , 2013, 69, 2801-2803.   | 1.3 | 4         |
| 14 | Modeling Infiltration and Runoff with Surface Crust under Unsteady Rainfalls. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, .  | 0.8 | 4         |
| 15 | Precipitation Estimates and Orographic Gradients Using Snow, Temperature, and Humidity Measurements From a Wireless-Sensor Network. <i>Water Resources Research</i> , 2022, 58, .                    | 1.7 | 4         |
| 16 | Using time compression approximation to determine actual infiltration rate from variable rainfall events. <i>Hydrology Research</i> , 2019, 50, 155-165.   | 1.1 | 1         |