# Longcang Shu

List of Publications by Year
in descending order



| 32 | 335 | 932766 10 | 887659 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 32 | 32 | 32 | 386 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Laboratory Physical Experiments on the Saltwater Upconing and Recovery of Island Freshwater Lenses: Case Study of a Coral Island, China. Water (Switzerland), 2021, 13, 1137. | 1.2 | 5 |
| 2 | The effect of typical geological heterogeneities on the performance of managed aquifer recharge: physical experiments and numerical simulations. Hydrogeology Journal, 2021, 29, 2107-2125. | 0.9 | 6 |
| 3 | Evaluating Particle Deposition in the Artificial Groundwater Recharge Process by Physical and CT Imaging Experiments. Water Resources Management, 2021, 35, 4789. | 1.9 | 2 |
| 4 | The controlling factors of the karst water hydrochemistry in a karst basin of southwestern China. Environmental Earth Sciences, 2021, 80, 1. | 1.3 | 3 |
| 5 | Identification of Preferential Runoff Belts in Jinan Spring Basin Based on Hydrological Time-Series Correlation. Water (Switzerland), 2021, 13, 3255. | 1.2 | 6 |
| 6 | Laboratory and numerical simulations of spatio-temporal variability of water exchange between the fissures and conduits in a karstic aquifer. Journal of Hydrology, 2020, 590, 125219. | 2.3 | 9 |
| 7 | Simulation of groundwater flow paths under managed abstraction and recharge in an analogous sand-tank phreatic aquifer. Hydrogeology Journal, 2019, 27, 3025-3042. | 0.9 | 8 |
| 8 | Clogging of Infiltration Basin and Its Impact on Suspended Particles Transport in Unconfined Sand Aquifer: Insights from a Laboratory Study. Water (Switzerland), 2019, 11, 1083. | 1.2 | 9 |
| 9 | Impacts of Artificial Regulation on Karst Spring Hydrograph in Northern China: Laboratory Study and Numerical Simulations. Water (Switzerland), 2019, 11, 755. | 1.2 | 4 |
| 10 | Impact of a low-permeability lens on dune-induced hyporheic exchange. Hydrological Sciences Journal, 2018, 63, 818-835. | 1.2 | 8 |
| 11 | Numerical modeling of solute transport in a sand tank physical model under varying hydraulic gradient and hydrological stresses. Hydrogeology Journal, 2018, 26, 2089-2113. | 0.9 | 12 |
| 12 | Storage and Drainage Characteristics of a Highly Heterogeneous Karst Aquifer in Houzhai Basin. Ground Water, 2016, 54, 878-887. | 0.7 | 12 |
| 13 | Laboratory simulation of groundwater hydraulic head in a karst aquifer system with conduit and fracture domains. Carbonates and Evaporites, 2016, 31, 329-337. | 0.4 | 8 |
| 14 | Variations de la conductivitÃ© hydraulique verticale du lit dâ€™un cours dâ€™eau avant et aprÃ¨s une saison dâ€™inondation. Hydrogeology Journal, 2015, 23, 1603-1615. | 0.9 | 28 |
| 15 | Experimental determination of fractures and conduits and the applicability of Cubic law in closed fractures. Experimental Thermal and Fluid Science, 2015, 69, 1-7. | 1.5 | 4 |
| 16 | Evaluation of unconfined aquifer parameters from flow to partially penetrating wells in Tailan River basin, China. Environmental Earth Sciences, 2013, 69, 799-809. | 1.3 | 5 |
| 17 | Influence of particle distribution on filter coefficient in the initial stage of filtration. Korean Journal of Chemical Engineering, 2013, 30, 456-464. | 1.2 | 5 |
| 18 | Composite Subsidence Vulnerability Assessment Based on an Index Model and Index Decomposition Method. Human and Ecological Risk Assessment (HERA), 2013, 19, 674-698. | 1.7 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Interpretation of a short-duration pumping test in the mixed flow karst system using a three-reservoir model. Carbonates and Evaporites, 2013, 28, 149-158. | 0.4 | 6 |
| 20 | Groundwater Overexploitation Causing Land Subsidence: Hazard Risk Assessment Using Field Observation and Spatial Modelling. Water Resources Management, 2012, 26, 4225-4239. | 1.9 | 49 |
| 21 | Interpretation of Pumping Test with Radial Collector Well Using a Reservoir Model. Journal of Hydrologic Engineering - ASCE, 2012, 17, 1397-1407. | 0.8 | 3 |
| 22 | An approach for estimating sustainable yield of karst water in data sparse regions. Environmental Earth Sciences, 2012, 66, 399-407. | 1.3 | 3 |
| 23 | Sensitivity analysis of groundwater level in Jinci Spring Basin (China) based on artificial neural network modeling. Hydrogeology Journal, 2012, 20, 727-738. | 0.9 | 25 |
| 24 | Application of gray relational method to the time-lag between spring discharge and precipitation. , 2011, , . | | 0 |
| 25 | Analysis of Karst spring discharge in semiarid of China. , 2011, , . | | 0 |
| 26 | Assessment of Sustainable Yield of Karst Water in Huaibei, China. Water Resources Management, 2011, 25, 287-300. | 1.9 | 26 |
| 27 | Use of hydrologic time-series data for identification of hydrodynamic function and behavior in a karstic water system in China. Hydrogeology Journal, 2011, 19, 1577-1585. | 0.9 | 22 |
| 28 | Parameter estimation for a karst aquifer with unknown thickness using the genetic algorithm method. Environmental Earth Sciences, 2011, 63, 797-807. | 1.3 | 11 |
| 29 | Study of hydrodynamics of karstic aquifer based on grey correlation analysis. , 2011, , . | | 0 |
| 30 | Confined water quality evaluation of cone of depression in jining based on principle component analysis method. , 2011, , . | | 1 |
| 31 | The hydrologic function and behavior of the Houzhai underground river basin, Guizhou Province, southwestern China. Hydrogeology Journal, 2010, 18, 509-518. | 0.9 | 32 |
| 32 | Rainfall-Driven Spring Hydrograph Modeling in a Karstic Water System, Southwestern China. Water Resources Management, 2010, 24, 2689-2701. | 1.9 | 16 |