

Jun Kong

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

689
citations

430874

18
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	A new analytical solution of tidal water table fluctuations in a coastal unconfined aquifer. <i>Journal of Hydrology</i> , 2007, 340, 256-260.	5.4	55
2	High-throughput sequencing analysis of bacterial community spatiotemporal distribution in response to clogging in vertical flow constructed wetlands. <i>Bioresource Technology</i> , 2018, 248, 104-112.	9.6	54
3	Effects of vadose zone on groundwater table fluctuations in unconfined aquifers. <i>Journal of Hydrology</i> , 2015, 528, 397-407.	5.4	50
4	Modelling of groundwater-vegetation interactions in a tidal marsh. <i>Advances in Water Resources</i> , 2013, 57, 52-68.	3.8	45
5	Effects of salinity variations on pore water flow in salt marshes. <i>Water Resources Research</i> , 2015, 51, 4301-4319.	4.2	40
6	Effects of soil stratigraphy on pore-water flow in a creek-marsh system. <i>Journal of Hydrology</i> , 2012, 475, 175-187.	5.4	39
7	Salt Dynamics in Coastal Marshes: Formation of Hypersaline Zones. <i>Water Resources Research</i> , 2018, 54, 3259-3276.	4.2	33
8	A coupled model for simulating surface water and groundwater interactions in coastal wetlands. <i>Hydrological Processes</i> , 2011, 25, 3533-3546.	2.6	29
9	Capillary effect on water table fluctuations in unconfined aquifers. <i>Water Resources Research</i> , 2013, 49, 3064-3069.	4.2	28
10	Preventing Seawater Intrusion and Enhancing Safe Extraction Using Finite-Length, Impermeable Subsurface Barriers: 3D Analysis. <i>Water Resources Research</i> , 2020, 56, e2020WR027792.	4.2	27
11	A high-resolution method for the depth-integrated solute transport equation based on an unstructured mesh. <i>Environmental Modelling and Software</i> , 2013, 40, 109-127.	4.5	26
12	Improvement of the hillslope-storage Boussinesq model by considering lateral flow in the unsaturated zone. <i>Water Resources Research</i> , 2016, 52, 2965-2984.	4.2	26
13	Analytical solutions of seawater intrusion in sloping confined and unconfined coastal aquifers. <i>Water Resources Research</i> , 2016, 52, 6989-7004.	4.2	25
14	Influence of clogging and resting processes on flow patterns in vertical flow constructed wetlands. <i>Science of the Total Environment</i> , 2018, 621, 1142-1150.	8.0	25
15	A new model for coupling surface and subsurface water flows: With an application to a lagoon. <i>Journal of Hydrology</i> , 2010, 390, 116-120.	5.4	24
16	On the Fourier approximation method for steady water waves. <i>Acta Oceanologica Sinica</i> , 2014, 33, 37-47.	1.0	22
17	An analytical solution for predicting the transient seepage from a subsurface drainage system. <i>Advances in Water Resources</i> , 2016, 91, 1-10.	3.8	22
18	Effects of Unsaturated Flow on Hillslope Recession Characteristics. <i>Water Resources Research</i> , 2018, 54, 2037-2056.	4.2	19

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19	Effects of unstable flow on solute transport in the marsh soil and exchange with coastal water. Geophysical Research Letters, 2016, 43, 12,091.	4.0	18
20	Evaluation and application of the modified van Genuchten function for unsaturated porous media. Journal of Hydrology, 2019, 571, 279-287.	5.4	15
21	A new analytical solution for tide-induced groundwater fluctuations in an unconfined aquifer with a sloping beach. China Ocean Engineering, 2011, 25, 479-494.	1.6	11
22	Evapotranspiration versus oxygen intrusion: which is the main force in alleviating bioclogging of vertical-flow constructed wetlands during a resting operation?. Environmental Science and Pollution Research, 2017, 24, 18355-18362.	5.3	10
23	Watertable fluctuation-induced variability in the water retention curve: Sand column experiments. Journal of Hydrology, 2020, 589, 125125.	5.4	7
24	An alternative Boussinesq equation considering the effect of hysteresis on coastal groundwater waves. Hydrological Processes, 2016, 30, 2657-2670.	2.6	6
25	Effects of aquifer geometry on seawater intrusion in annulus segment island aquifers. Hydrology and Earth System Sciences, 2021, 25, 6591-6602.	4.9	5
26	Prediction of the Reference Evapotranspiration Using a Chaotic Approach. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	4
27	Modeling the Water-Flushing Properties of the Yangtze Estuary and Adjacent Waters. Journal of Ocean University of China, 2019, 18, 93-107.	1.2	4
28	Parameter-efficient bioclogging model: calibration and comparison with laboratory data. Environmental Science and Pollution Research, 2019, 26, 3731-3740.	5.3	4
29	Study on the role of lateral unsaturated flow in triggering slope failure under varying boundary water level conditions. Advances in Water Resources, 2020, 143, 103669.	3.8	4
30	A new α -ratio formulation for TVD schemes for vertex-centered FVM on an unstructured mesh. International Journal for Numerical Methods in Fluids, 2016, 81, 741-764.	1.6	3
31	A non-negative and high-resolution finite volume method for the depth-integrated solute transport equation using an unstructured triangular mesh. Environmental Fluid Mechanics, 2018, 18, 1379-1411.	1.6	3
32	Approximate analytical solutions for assessing the effects of unsaturated flow on seawater extent in thin unconfined coastal aquifers. Advances in Water Resources, 2022, 160, 104104.	3.8	2
33	Comment on "Appropriate Boundary Condition for Dupuit-Boussinesq Theory on the Steady Groundwater Flow in an Unconfined Sloping Aquifer With Uniform Recharge" by Wu et al.. Water Resources Research, 2019, 55, 3593-3596.	4.2	1
34	On the use of modified Boussinesq equation for studying double-layered hillslope recession characteristics. Journal of Hydrology, 2021, 603, 127041.	5.4	1
35	An Alternative Statistical Model for Predicting Salinity Variations in Estuaries. Sustainability, 2020, 12, 10677.	3.2	1
36	Assessment and application of an alternative formula to describe the hydraulic conductivity over the full moisture range. Hydrological Processes, 2022, 36, .	2.6	1

#	ARTICLE	IF	CITATIONS
37	Impact of Wind on Tide-Induced Advective Salt Transport in A Well-Mixed Estuary. China Ocean Engineering, 2021, 35, 107-122.	1.6	0
38	Experimental and numerical investigations on wave motions over platform reef-flat. Journal of Hydrodynamics, 0, , 1.	3.2	0