Jun Kong

List of Publications by Year
in descending order

38	689	430874	552781
papers	citations	18 h-index	26 g-index

42	42	42	681
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Assessment and application of an alternative formula to describe the hydraulic conductivity over the full moisture range. Hydrological Processes, 2022, 36, .	2.6	1
3	Impact of Wind on Tide-Induced Advective Salt Transport in A Well-Mixed Estuary. China Ocean Engineering, 2021, 35, 107-122.	1.6	0
4	On the use of modified Boussinesq equation for studying double-layered hillslope recession characteristics. Journal of Hydrology, 2021, 603, 127041.	5.4	1
5	Effects of aquifer geometry on seawater intrusion in annulus segment island aquifers. Hydrology and Earth System Sciences, 2021, 25, 6591-6602.	4.9	5
6	Preventing Seawater Intrusion and Enhancing Safe Extraction Using Finiteâ€Length, Impermeable Subsurface Barriers: 3D Analysis. Water Resources Research, 2020, 56, e2020WR027792.	4.2	27
7	Watertable fluctuation-induced variability in the water retention curve: Sand column experiments. Journal of Hydrology, 2020, 589, 125125.	5.4	7
8	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
9	An Alternative Statistical Model for Predicting Salinity Variations in Estuaries. Sustainability, 2020, 12, 10677.	3.2	1
10	Evaluation and application of the modified van Genuchten function for unsaturated porous media. Journal of Hydrology, 2019, 571, 279-287.	5.4	15
11	Comment on â€œAppropriate Boundary Condition for Dupuitâ€Boussinesq Theory on the Steady Groundwater Flow in an Unconfined Sloping Aquifer With Uniform Rechargeâ€•by Wu et al.. Water Resources Research, 2019, 55, 3593-3596.	4.2	1
12	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
13	Parameter-efficient bioclogging model: calibration and comparison with laboratory data. Environmental Science and Pollution Research, 2019, 26, 3731-3740.	5.3	4
14	High-throughput sequencing analysis of bacterial community spatiotemporal distribution in response to clogging in vertical flow constructed wetlands. Bioresource Technology, 2018, 248, 104-112.	9.6	54
15	Influence of clogging and resting processes on flow patterns in vertical flow constructed wetlands. Science of the Total Environment, 2018, 621, 1142-1150.	8.0	25
16	Effects of Unsaturated Flow on Hillslope Recession Characteristics. Water Resources Research, 2018, 54, 2037-2056.	4.2	19
17	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
18	Salt Dynamics in Coastal Marshes: Formation of Hypersaline Zones. Water Resources Research, 2018, 54, 3259-3276.	4.2	33

#	Article	IF	Citations
19	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
20	An alternative Boussinesq equation considering the effect of hysteresis on coastal groundwater waves. Hydrological Processes, 2016, 30, 2657-2670.	2.6	6
21	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
22	An analytical solution for predicting the transient seepage from a subsurface drainage system. Advances in Water Resources, 2016, 91, 1-10.	3.8	22
23	Analytical solutions of seawater intrusion in sloping confined and unconfined coastal aquifers. Water Resources Research, 2016, 52, 6989-7004.	4.2	25
24	A new râ€ratio formulation for TVD schemes for vertexâ€centered FVM on an unstructured mesh. International Journal for Numerical Methods in Fluids, 2016, 81, 741-764.	1.6	3
25	Improvement of the hillslopeâ€storage Boussinesq model by considering lateral flow in the unsaturated zone. Water Resources Research, 2016, 52, 2965-2984.	4.2	26
26	Effects of salinity variations on pore water flow in salt marshes. Water Resources Research, 2015, 51, 4301-4319.	4.2	40
27	Effects of vadose zone on groundwater table fluctuations in unconfined aquifers. Journal of Hydrology, 2015, 528, 397-407.	5.4	50
28	Prediction of the Reference Evapotranspiration Using a Chaotic Approach. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	4
29	On the Fourier approximation method for steady water waves. Acta Oceanologica Sinica, 2014, 33, 37-47.	1.0	22
30	Modelling of groundwaterâ€“vegetation interactions in a tidal marsh. Advances in Water Resources, 2013, 57, 52-68.	3.8	45
31	A high-resolution method for the depth-integrated solute transport equation based on an unstructured mesh. Environmental Modelling and Software, 2013, 40, 109-127.	4.5	26
32	Capillary effect on water table fluctuations in unconfined aquifers. Water Resources Research, 2013, 49, 3064-3069.	4.2	28
33	Effects of soil stratigraphy on pore-water flow in a creek-marsh system. Journal of Hydrology, 2012, 475, 175-187.	5.4	39
34	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
35	A coupled model for simulating surface water and groundwater interactions in coastal wetlands. Hydrological Processes, 2011, 25, 3533-3546.	2.6	29
36	A new model for coupling surface and subsurface water flows: With an application to a lagoon. Journal of Hydrology, 2010, 390, 116-120.	5.4	24

#	Article	IF	Citations
37	A new analytical solution of tidal water table fluctuations in a coastal unconfined aquifer. Journal of Hydrology, 2007, 340, 256-260.	5.4	55
38	Experimental and numerical investigations on wave motions over platform reef-flat. Journal of Hydrodynamics, 0, , 1.	3.2	0