

# J J Jiao

## List of Publications by Year in descending order

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139  
papers

5,360  
citations

61984

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102487

66  
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142  
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142  
docs citations

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times ranked

3919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractal Behaviors of Hydraulic Head and Surface Runoff of the Nested Groundwater Flow Systems in Response to Rainfall Fluctuations. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
2	Subglacial Meltwater Recharge in the Dongkemadi River Basin, Yangtze River Source Region. <i>Ground Water</i> , 2022, 60, 434-450.	1.3	3
3	Delineating E. coli occurrence and transport in the sandy beach groundwater system by radon-222. <i>Journal of Hazardous Materials</i> , 2022, 431, 128618.	12.4	8
4	Impact of major nearshore land reclamation project on offshore groundwater system. <i>Engineering Geology</i> , 2022, 303, 106672.	6.3	3
5	Dominance of evaporation on lacustrine groundwater discharge to regulate lake nutrient state and algal blooms. <i>Water Research</i> , 2022, 219, 118620.	11.3	7
6	A modification to the van Genuchten model for improved prediction of relative hydraulic conductivity of unsaturated soils. <i>European Journal of Soil Science</i> , 2021, 72, 1354-1372.	3.9	10
7	An empirical specific storage-depth model for the Earth's crust. <i>Journal of Hydrology</i> , 2021, 592, 125784.	5.4	12
8	Drought and Flood Characterization and Connection to Climate Variability in the Pearl River Basin in Southern China Using Long-Term GRACE and Reanalysis Data. <i>Journal of Climate</i> , 2021, 34, 2053-2078.	3.2	24
9	Hydrogeochemistry and fractionation of boron isotopes in the inter-dune aquifer system of Badain Jaran Desert, China. <i>Journal of Hydrology</i> , 2021, 595, 125984.	5.4	8
10	Inorganic carbon and alkalinity biogeochemistry and fluxes in an intertidal beach aquifer: Implications for ocean acidification. <i>Journal of Hydrology</i> , 2021, 595, 126036.	5.4	23
11	Control factors on nutrient cycling in the lake water and groundwater of the Badain Jaran Desert, China. <i>Journal of Hydrology</i> , 2021, 598, 126408.	5.4	5
12	Influence of Land Reclamation on Fresh Groundwater Lenses in Oceanic Islands: Laboratory and Numerical Validation. <i>Water Resources Research</i> , 2021, 57, e2021WR030238.	4.2	7
13	The dynamics of dissolved inorganic nitrogen species mediated by fresh submarine groundwater discharge and their impact on phytoplankton community structure. <i>Science of the Total Environment</i> , 2020, 703, 134897.	8.0	13
14	A review of specific storage in aquifers. <i>Journal of Hydrology</i> , 2020, 581, 124383.	5.4	48
15	Effects of Downward Intrusion of Saline Water on Nested Groundwater Flow Systems. <i>Water Resources Research</i> , 2020, 56, e2020WR028377.	4.2	16
16	Assessing Underground Water Exchange Between Regions Using GRACE Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032570.	3.3	9
17	Two-decade variations of fresh submarine groundwater discharge to Tolo Harbour and their ecological significance by coupled remote sensing and radon-222 model. <i>Water Research</i> , 2020, 178, 115866.	11.3	19
18	Sensitivity Analysis of Leakage Correction of GRACE Data in Southwest China Using A-Priori Model Simulations: Inter-Comparison of Spherical Harmonics, Mass Concentration and In Situ Observations. <i>Sensors</i> , 2019, 19, 3149.	3.8	10

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19	Analytical Solution of Tidal Loading Effect in a Submarine Leaky Confined Aquifer System. <i>Geofluids</i> , 2019, 2019, 1-15.	0.7	0
20	Using stable isotopes of surface water and groundwater to quantify moisture sources across the Yellow River source region. <i>Hydrological Processes</i> , 2019, 33, 1835-1850.	2.6	16
21	Evaluation of lacustrine groundwater discharge and associated nutrients, trace elements and DIC loadings into Qinghai Lake in Qinghai-Tibetan Plateau, using radium isotopes and hydrological methods. <i>Chemical Geology</i> , 2019, 510, 31-46.	3.3	14
22	Unraveling controlling factors of concentration discharge relationships in a fractured aquifer dominant spring-shed: Evidence from mean transit time and radium reactive transport model. <i>Journal of Hydrology</i> , 2019, 571, 528-544.	5.4	11
23	Tidal induced dynamics and geochemical reactions of trace metals (Fe, Mn, and Sr) in the salinity transition zone of an intertidal aquifer. <i>Science of the Total Environment</i> , 2019, 664, 1133-1149.	8.0	18
24	Spatial Characteristics Reveal the Reactive Transport of Radium Isotopes ( $^{224}\text{Ra}$ , $^{223}\text{Ra}$ ) in the Groundwater Mixing Zone. <i>Water Resources Research</i> , 2018, 54, 2909-2930.	4.2	10
25	Detection of large-scale groundwater storage variability over the karstic regions in Southwest China. <i>Journal of Hydrology</i> , 2019, 569, 409-422.	5.4	39
26	Using Tidal Fluctuation-Induced Dynamics of Radium Isotopes ( $^{224}\text{Ra}$ , $^{223}\text{Ra}$ ) in the Groundwater Mixing Zone. <i>Water Resources Research</i> , 2018, 54, 2909-2930.	4.2	24
27	Evaluation of Water Residence Time, Submarine Groundwater Discharge, and Maximum New Production Supported by Groundwater Borne Nutrients in a Coastal Upwelling Shelf System. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 631-655.	2.6	31
28	Nitrogen fate in a subtropical mangrove swamp: Potential association with seawater-groundwater exchange. <i>Science of the Total Environment</i> , 2018, 635, 586-597.	8.0	77
29	Abundance and Diversity of Aerobic/Anaerobic Ammonia/Ammonium-Oxidizing Microorganisms in an Ammonium-Rich Aquitard in the Pearl River Delta of South China. <i>Microbial Ecology</i> , 2018, 76, 81-91.	2.8	11
30	Tidal Fluctuation Influenced Physicochemical Parameter Dynamics in Coastal Groundwater Mixing Zone. <i>Estuaries and Coasts</i> , 2018, 41, 988-1001.	2.2	20
31	Assessing major factors affecting shallow groundwater geochemical evolution in a highly urbanized coastal area of Shenzhen City, China. <i>Journal of Geochemical Exploration</i> , 2018, 184, 17-27.	3.2	51
32	Evaluation of lacustrine groundwater discharge, hydrologic partitioning, and nutrient budgets in a proglacial lake in the Qinghai-Tibet Plateau: using $^{222}\text{Rn}$ and stable isotopes. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 5579-5598.	4.9	26
33	Significant chemical fluxes from natural terrestrial groundwater rival anthropogenic and fluvial input in a large-river deltaic estuary. <i>Water Research</i> , 2018, 144, 603-615.	11.3	21
34	Modeling the Spatial and Seasonal Variations of Groundwater Head in an Urbanized Area under Low Impact Development. <i>Water (Switzerland)</i> , 2018, 10, 803.	2.7	14
35	Tracing submarine groundwater discharge flux in Tolo Harbor, Hong Kong (China). <i>Hydrogeology Journal</i> , 2018, 26, 1857-1873.	2.1	15
36	Seasonality of Nutrient Flux and Biogeochemistry in an Intertidal Aquifer. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6116-6135.	2.6	22

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37	Groundwater discharge and hydrologic partition of the lakes in desert environment: Insights from stable $^{18}\text{O}/^{2}\text{H}$ and radium isotopes. <i>Journal of Hydrology</i> , 2017, 546, 189-203.	5.4	29
38	Hydrogeochemical characteristics in coastal groundwater mixing zone. <i>Applied Geochemistry</i> , 2017, 85, 49-60.	3.0	40
39	Tidal Pumping-Induced Nutrients Dynamics and Biogeochemical Implications in an Intertidal Aquifer. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 3322-3342.	3.0	19
40	Evaluation of Groundwater Storage Variations in Northern China Using GRACE Data. <i>Geofluids</i> , 2017, 2017, 1-13.	0.7	29
41	Hydrochemical reactions and origin of offshore relatively fresh pore water from core samples in Hong Kong. <i>Journal of Hydrology</i> , 2016, 537, 283-296.	5.4	26
42	An innovative method to estimate regional-scale hydraulic diffusivity using GRACE data. <i>Hydrological Sciences Journal</i> , 2016, 61, 2694-2703.	2.6	5
43	Chloride as tracer of solute transport in the aquifer-aquitard system in the Pearl River Delta, China. <i>Hydrogeology Journal</i> , 2016, 24, 1121-1132.	2.1	23
44	Submarine groundwater discharge and nutrient loadings in Tolo Harbor, Hong Kong using multiple geotracer-based models, and their implications of red tide outbreaks. <i>Water Research</i> , 2016, 102, 11-31.	11.3	78
45	Effects of inland water level oscillation on groundwater dynamics and land-sourced solute transport in a coastal aquifer. <i>Coastal Engineering</i> , 2016, 114, 347-360.	4.0	41
46	A preliminary study on the offshore stratigraphy in Hong Kong and its hydrogeological implications. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	7
47	Review on climate change on the Tibetan Plateau during the last half century. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 3979-4007.	3.3	412
48	Temporal $^{222}\text{Rn}$ distributions to reveal groundwater discharge into desert lakes: Implication of water balance in the Badain Jaran Desert, China. <i>Journal of Hydrology</i> , 2016, 534, 87-103.	5.4	61
49	Enrichment and mechanisms of heavy metal mobility in a coastal quaternary groundwater system of the Pearl River Delta, China. <i>Science of the Total Environment</i> , 2016, 545-546, 493-502.	8.0	48
50	Satellite-based estimates of groundwater depletion in the Badain Jaran Desert, China. <i>Scientific Reports</i> , 2015, 5, 8960.	3.3	47
51	Numerical Modeling of Slug Tests with MODFLOW Using Equivalent Well Blocks. <i>Ground Water</i> , 2015, 53, 158-163.	1.3	10
52	Increased Water Storage in the Qaidam Basin, the North Tibet Plateau from GRACE Gravity Data. <i>PLoS ONE</i> , 2015, 10, e0141442.	2.5	69
53	Numerical studies of vertical $\text{Cl}^{-}$ , $\text{H}^{2}$ and $^{18}\text{O}$ profiles in the aquifer-aquitard system in the Pearl River Delta, China. <i>Hydrological Processes</i> , 2015, 29, 4199-4209.	2.6	21
54	Groundwater-derived land subsidence in the North China Plain. <i>Environmental Earth Sciences</i> , 2015, 74, 1415-1427.	2.7	100

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55	Reconstructed chloride concentration profiles below the seabed in Hong Kong (China) and their implications for offshore groundwater resources. <i>Hydrogeology Journal</i> , 2015, 23, 277-286.	2.1	36
56	Geochemical signature of pore water from core samples and its implications on the origin of saline pore water in Cangzhou, North China Plain. <i>Journal of Geochemical Exploration</i> , 2015, 157, 143-152.	3.2	16
57	Calibration of a large-scale groundwater flow model using GRACE data: a case study in the Qaidam Basin, China. <i>Hydrogeology Journal</i> , 2015, 23, 1305-1317.	2.1	44
58	Submarine fresh groundwater discharge into Laizhou Bay comparable to the Yellow River flux. <i>Scientific Reports</i> , 2015, 5, 8814.	3.3	61
59	Numerical study of variable-density flow and transport in unsaturated-saturated porous media. <i>Journal of Contaminant Hydrology</i> , 2015, 182, 117-130.	3.3	14
60	Rare Earth Elements Geochemistry and Provenance Discrimination of Sediments in Tolo Harbour, Hong Kong. <i>Marine Georesources and Geotechnology</i> , 2015, 33, 51-57.	2.1	6
61	An integrated permeability-depth model for Earth's crust. <i>Geophysical Research Letters</i> , 2014, 41, 7539-7545.	4.0	62
62	Investigation on bacterial community and diversity in the multilayer aquifer-aquitard system of the Pearl River Delta, China. <i>Ecotoxicology</i> , 2014, 23, 2041-2052.	2.4	18
63	Submarine groundwater discharge estimation in an urbanized embayment in Hong Kong via short-lived radium isotopes and its implication of nutrient loadings and primary production. <i>Marine Pollution Bulletin</i> , 2014, 82, 144-154.	5.0	91
64	A new equation for the soil water retention curve. <i>European Journal of Soil Science</i> , 2014, 65, 584-593.	3.9	9
65	Air and water flows induced by pumping tests in unconfined aquifers with low-permeability zones. <i>Hydrological Processes</i> , 2014, 28, 5450-5464.	2.6	7
66	Modeling freshening time and hydrochemical evolution of groundwater in coastal aquifers of Shenzhen, China. <i>Environmental Earth Sciences</i> , 2014, 71, 2409-2418.	2.7	11
67	Seawater intrusion and coastal aquifer management in China: a review. <i>Environmental Earth Sciences</i> , 2014, 72, 2811-2819.	2.7	131
68	Multivariate statistical analyses on the enrichment of arsenic with different oxidation states in the Quaternary sediments of the Pearl River Delta, China. <i>Journal of Geochemical Exploration</i> , 2014, 138, 72-80.	3.2	13
69	Analytical studies on transient groundwater flow induced by land reclamation using different fill materials. <i>Hydrological Processes</i> , 2014, 28, 1931-1938.	2.6	8
70	Air and water flows in a large sand box with a two-layer aquifer system. <i>Hydrogeology Journal</i> , 2013, 21, 977-985.	2.1	4
71	Contribution of the aquitard to the regional groundwater hydrochemistry of the underlying confined aquifer in the Pearl River Delta, China. <i>Science of the Total Environment</i> , 2013, 461-462, 663-671.	8.0	58
72	Inter-comparison of radium analysis in coastal sea water of the Asian region. <i>Marine Chemistry</i> , 2013, 156, 138-145.	2.3	10

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73	Accumulation and transport of ammonium in aquitards in the Pearl River Delta (China) in the last 10,000 years: conceptual and numerical models. <i>Hydrogeology Journal</i> , 2013, 21, 961-976.	2.1	28
74	Redistribution of groundwater evapotranspiration and water table around a well field in an unconfined aquifer: A simplified analytical model. <i>Journal of Hydrology</i> , 2013, 495, 162-174.	5.4	6
75	Assessment of soil radon potential in Hong Kong, China, using a 10-point evaluation system. <i>Environmental Earth Sciences</i> , 2013, 68, 679-689.	2.7	35
76	Arsenic K-edge X-ray absorption near-edge spectroscopy to determine oxidation states of arsenic of a coastal aquifer-aquitard system. <i>Environmental Pollution</i> , 2013, 179, 160-166.	7.5	16
77	Review on airflow in unsaturated zones induced by natural forcings. <i>Water Resources Research</i> , 2013, 49, 6137-6165.	4.2	87
78	Estimation of submarine groundwater discharge and associated nutrient fluxes in Tolo Harbour, Hong Kong. <i>Science of the Total Environment</i> , 2012, 433, 427-433.	8.0	87
79	Occurrence and geochemical behavior of arsenic in a coastal aquifer-aquitard system of the Pearl River Delta, China. <i>Science of the Total Environment</i> , 2012, 427-428, 286-297.	8.0	100
80	Origin of groundwater salinity and hydrogeochemical processes in the confined Quaternary aquifer of the Pearl River Delta, China. <i>Journal of Hydrology</i> , 2012, 438-439, 112-124.	5.4	182
81	Air and water flows in a vertical sand column. <i>Water Resources Research</i> , 2011, 47, .	4.2	18
82	A new model for predicting relative nonwetting phase permeability from soil water retention curves. <i>Water Resources Research</i> , 2011, 47, .	4.2	25
83	Methods to Derive the Differential Equation of the Free Surface Boundary. <i>Ground Water</i> , 2011, 49, 133-143.	1.3	5
84	Methods to Derive the Differential Equation of the Free Surface Boundary. <i>Ground Water</i> , 2010, 48, 329-332.	1.3	4
85	Macrobenthic Community in Tolo Harbour, Hong Kong and its Relations with Heavy Metals. <i>Estuaries and Coasts</i> , 2010, 33, 600-608.	2.2	21
86	Spatio-temporal trends of heavy metals and source apportionment in Tolo Harbour, Hong Kong. <i>Environmental Earth Sciences</i> , 2010, 60, 1439-1445.	2.7	6
87	Groundwater response to tidal fluctuation in a two-zone aquifer. <i>Journal of Hydrology</i> , 2010, 381, 364-371.	5.4	70
88	Modeling the influences of land reclamation on groundwater systems: A case study in Shekou peninsula, Shenzhen, China. <i>Engineering Geology</i> , 2010, 114, 144-153.	6.3	61
89	Crescent Moon Spring: A Disappearing Natural Wonder in the Gobi Desert, China. <i>Ground Water</i> , 2010, 48, 159-163.	1.3	11
90	Methods to Derive the Differential Equation of the Free Surface Boundary. <i>Ground Water</i> , 2010, 48, 486-493.	1.3	5

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91	Theoretical study of the impact of tide-induced airflow on hydraulic head in air-confined coastal aquifers. <i>Hydrological Sciences Journal</i> , 2010, 55, 435-445.	2.6	18
92	Abnormally High Ammonium of Natural Origin in a Coastal Aquifer-Aquitard System in the Pearl River Delta, China. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7470-7475.	10.0	140
93	Airflow induced by pumping tests in unconfined aquifer with a low permeability cap. <i>Water Resources Research</i> , 2009, 45, .	4.2	26
94	Changes to the groundwater system, from 1888 to present, in a highly-urbanized coastal area in Hong Kong, China. <i>Hydrogeology Journal</i> , 2008, 16, 1527-1539.	2.1	33
95	Temporal variations of physical and hydrochemical properties of springs in the Mid-Levels area, Hong Kong: results of a 1-year comprehensive monitoring programme. <i>Hydrological Processes</i> , 2008, 22, 1080-1092.	2.6	2
96	Estimation of submarine groundwater discharge in Plover Cove, Tolo Harbour, Hong Kong by $^{222}\text{Rn}$ . <i>Marine Chemistry</i> , 2008, 111, 160-170.	2.3	68
97	Ceramic Models of Wells in the Han Dynasty (206 BC to AD 220), China. <i>Ground Water</i> , 2008, 46, 782-787.	1.3	3
98	Numerical study of airflow in the unsaturated zone induced by sea tides. <i>Water Resources Research</i> , 2008, 44, .	4.2	34
99	Analytical studies on transient groundwater flow induced by land reclamation. <i>Water Resources Research</i> , 2008, 44, .	4.2	36
100	Simulated groundwater interaction with rivers and springs in the Heihe river basin. <i>Hydrological Processes</i> , 2007, 21, 2794-2806.	2.6	60
101	Impact of Coastal Land Reclamation on Ground Water Level and the Sea Water Interface. <i>Ground Water</i> , 2007, 45, 362-367.	1.3	83
102	A 5,600-year-old wooden well in Zhejiang Province, China. <i>Hydrogeology Journal</i> , 2007, 15, 1021-1029.	2.1	24
103	Use of Strontium Isotopes to Identify Buried Water Main Leakage Into Groundwater in a Highly Urbanized Coastal Area. <i>Environmental Science &amp; Technology</i> , 2006, 40, 6575-6579.	10.0	15
104	Hydrochemistry of formation water with implication to diagenetic reactions in Sanzhao depression and Qijia-gulong depression of Songliao Basin, China. <i>Journal of Geochemical Exploration</i> , 2006, 88, 86-90.	3.2	13
105	Semi-numerical simulation of groundwater flow induced by periodic forcing with a case-study at an island aquifer. <i>Journal of Hydrology</i> , 2006, 327, 438-446.	5.4	26
106	Heavy metal and trace element distributions in groundwater in natural slopes and highly urbanized spaces in Mid-Levels area, Hong Kong. <i>Water Research</i> , 2006, 40, 753-767.	11.3	117
107	Instability leading to coal bumps and nonlinear evolutionary mechanisms for a coal-pillar-and-roof system. <i>International Journal of Solids and Structures</i> , 2006, 43, 7407-7423.	2.7	51
108	Confined groundwater near the rockhead in igneous rocks in the Mid-Levels area, Hong Kong, China. <i>Engineering Geology</i> , 2006, 84, 207-219.	6.3	20

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109	Nonlinear Evolutionary Mechanisms of Instability of Plane-Shear Slope: Catastrophe, Bifurcation, Chaos and Physical Prediction. <i>Rock Mechanics and Rock Engineering</i> , 2006, 39, 59-76.	5.4	27
110	Change of groundwater chemistry from 1896 to present in the Mid-Levels area, Hong Kong. <i>Environmental Geology</i> , 2006, 49, 946-959.	1.2	8
111	Confined groundwater zone and slope instability in weathered igneous rocks in Hong Kong. <i>Engineering Geology</i> , 2005, 80, 71-92.	6.3	107
112	One-dimensional airflow in unsaturated zone induced by periodic water table fluctuation. <i>Water Resources Research</i> , 2005, 41, .	4.2	26
113	Analysis of soil consolidation by vertical drains with double porosity model. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2004, 28, 1385-1400.	3.3	52
114	Modified Theis equation by considering the bending effect of the confining unit. <i>Advances in Water Resources</i> , 2004, 27, 981-990.	3.8	8
115	A falling-pressure method for measuring air permeability of asphalt in laboratory. <i>Journal of Hydrology</i> , 2004, 286, 69-77.	5.4	66
116	Spreadsheets for the Analysis of Aquifer-Test and Slug-Test Data. <i>Ground Water</i> , 2003, 41, 9-10.	1.3	8
117	Influence of the tide on the mean watertable in an unconfined, anisotropic, inhomogeneous coastal aquifer. <i>Advances in Water Resources</i> , 2003, 26, 9-16.	3.8	46
118	Tide-induced seawaterâ€“groundwater circulation in a multi-layered coastal leaky aquifer system. <i>Journal of Hydrology</i> , 2003, 274, 211-224.	5.4	82
119	Tide-induced groundwater level fluctuation in coastal aquifers bounded by L-shaped coastlines. <i>Water Resources Research</i> , 2002, 38, 6-1-6-8.	4.2	62
120	Tidal groundwater level fluctuations in L-shaped leaky coastal aquifer system. <i>Journal of Hydrology</i> , 2002, 268, 234-243.	5.4	42
121	A nonlinear dynamical model of landslide evolution. <i>Geomorphology</i> , 2002, 43, 77-85.	2.6	57
122	Analytical solutions of tidal groundwater flow in coastal two-aquifer system. <i>Advances in Water Resources</i> , 2002, 25, 417-426.	3.8	80
123	Reply [to â€œComment on â€œAn analytical solution of groundwater response to tidal fluctuation in a leaky confined aquiferâ€™ by Jiu Jimmy Jiao and Zhonghua Tangâ€œ]. <i>Water Resources Research</i> , 2001, 37, 187-188.	4.2	18
124	Tide-induced groundwater fluctuation in a coastal leaky confined aquifer system extending under the sea. <i>Water Resources Research</i> , 2001, 37, 1165-1171.	4.2	108
125	The predictable time scale of landslides. <i>Bulletin of Engineering Geology and the Environment</i> , 2001, 59, 307-312.	3.5	38
126	A Cusp Catastrophe Model of Instability of Slip-buckling Slope. <i>Rock Mechanics and Rock Engineering</i> , 2001, 34, 119-134.	5.4	54



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127	Analytical studies of groundwater-head fluctuation in a coastal confined aquifer overlain by a semi-permeable layer with storage. <i>Advances in Water Resources</i> , 2001, 24, 565-573.	3.8	88
128	A two-dimensional analytical solution for groundwater flow in a leaky confined aquifer system near open tidal water. <i>Hydrological Processes</i> , 2001, 15, 573-585.	2.6	43
129	A nonlinear catastrophe model of instability of planar-slip slope and chaotic dynamical mechanisms of its evolutionary process. <i>International Journal of Solids and Structures</i> , 2001, 38, 8093-8109.	2.7	49
130	Analytical Studies on the Impact of Land Reclamation on Ground Water Flow. <i>Ground Water</i> , 2001, 39, 912-920.	1.3	57
131	Ground-water flow analysis in the slope above Shum Wan Road, Hong Kong. <i>Environmental and Engineering Geoscience</i> , 2001, 7, 239-250.	0.9	1
132	In situ rainfall infiltration studies at a hillside in Hubei Province, China. <i>Engineering Geology</i> , 2000, 57, 31-38.	6.3	58
133	Numerical Simulation of Pumping Tests in Multilayer Wells with Non-Darcian Flow in the Wellbore. <i>Ground Water</i> , 1999, 37, 465-474.	1.3	73
134	An analytical solution of groundwater response to tidal fluctuation in a leaky confined aquifer. <i>Water Resources Research</i> , 1999, 35, 747-751.	4.2	169
135	Abnormal fluid pressures caused by deposition and erosion of sedimentary basins. <i>Journal of Hydrology</i> , 1998, 204, 124-137.	5.4	22
136	Numerical Simulation of Tracer Tests in Heterogeneous Aquifer. <i>Journal of Environmental Engineering</i> , ASCE, 1998, 124, 510-516.	1.4	33
137	The Different Characteristics of Aquifer Parameters and Their Implications on Pumping-Test Analysis. <i>Ground Water</i> , 1997, 35, 25-29.	1.3	11
138	USING SENSITIVITY ANALYSIS TO ASSIST PARAMETER ZONATION IN GROUND WATER FLOW MODEL. <i>Journal of the American Water Resources Association</i> , 1996, 32, 75-87.	2.4	11
139	Sensitivity analysis of pumping tests in non-uniform aquifers. <i>Hydrological Sciences Journal</i> , 1995, 40, 719-737.	2.6	5