

# Ching-Sheng Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

303  
citations

1040056

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h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

261  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Approach to Three-Dimensional Flow in a Pumped Confined Aquifer Connected to a Shallow Stream: Near-Stream and Far-From-Stream Groundwater Extractions. <i>Water Resources Research</i> , 2021, 57, e2020WR028780.	4.2	4
2	Impact of fractional probability distributions on statistics of hydraulic conductivity, dynamics of groundwater flow and solute transport at a low-permeability site. <i>Hydrological Processes</i> , 2020, 34, 4112-4127.	2.6	2
3	A new uncertainty estimation approach with multiple datasets and implementation for various precipitation products. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 2061-2081.	4.9	4
4	Assessing the Impacts of Climate Change and Land Use/Cover Change on Runoff Based on Improved Budyko Framework Models Considering Arbitrary Partition of the Impacts. <i>Water (Switzerland)</i> , 2020, 12, 1612.	2.7	9
5	Evaluating the area and position accuracy of surface water paths obtained by flow direction algorithms. <i>Journal of Hydrology</i> , 2020, 583, 124619.	5.4	14
6	New Analytical Models for Flow Induced by Pumping in a Stream-Aquifer System: A New Robin Boundary Condition Reflecting Joint Effect of Streambed Width and Storage. <i>Water Resources Research</i> , 2020, 56, e2019WR026352.	4.2	5
7	A general analytical model for head response to oscillatory pumping in unconfined aquifers: effects of delayed gravity drainage and initial condition. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 1323-1337.	4.9	6
8	Rainfall-Runoff Processes and Modelling in Regions Characterized by Deficiency in Soil Water Storage. <i>Water (Switzerland)</i> , 2019, 11, 1858.	2.7	6
9	Analysis of radially convergent tracer test in a two-zone confined aquifer with vertical dispersion effect: Asymmetrical and symmetrical transports. <i>Journal of Hazardous Materials</i> , 2019, 377, 8-16.	12.4	8
10	Analysis of Unconfined Flow Induced by Constant Rate Pumping Based on the Lagging Theory. <i>Water Resources Research</i> , 2019, 55, 3925-3940.	4.2	7
11	An improved approach for water quality evaluation: TOPSIS-based informative weighting and ranking (TIWR) approach. <i>Ecological Indicators</i> , 2018, 89, 356-364.	6.3	54
12	Review of analytical models to stream depletion induced by pumping: Guide to model selection. <i>Journal of Hydrology</i> , 2018, 561, 277-285.	5.4	39
13	Analysis of three-dimensional unsaturated-saturated flow induced by localized recharge in unconfined aquifers. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 3951-3963.	4.9	9
14	Technical Note: Three-dimensional transient groundwater flow due to localized recharge with an arbitrary transient rate in unconfined aquifers. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 1225-1239.	4.9	6
15	An analytical approach for the simulation of flow in a heterogeneous confined aquifer with a parameter zonation structure. <i>Water Resources Research</i> , 2016, 52, 9201-9212.	4.2	14
16	Estimating stream filtration from a meandering stream under the Robin condition. <i>Water Resources Research</i> , 2015, 51, 4848-4857.	4.2	12
17	Discussion of Integral and Closed-Form Analytical Solutions to the Transport Contaminant Equation Considering 3D Advection and Dispersion by Luan Carlos de S. M. Ozelim and Andr� Lu�s Brasil Cavalcante. <i>International Journal of Geomechanics</i> , 2014, 14, 07014001.	2.7	0
18	Stream filtration induced by pumping in a confined, unconfined or leaky aquifer bounded by two parallel streams or by a stream and an impervious stratum. <i>Journal of Hydrology</i> , 2014, 513, 28-44.	5.4	16

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19	Approximate Solution for a Transient Hydraulic Head Distribution Induced by a Constant-Head Test at a Partially Penetrating Well in a Two-Zone Confined Aquifer. <i>Journal of Hydraulic Engineering</i> , 2014, 140, 04014030.	1.5	8
20	Groundwater flow to a pumping well in a sloping fault zone unconfined aquifer. <i>Water Resources Research</i> , 2014, 50, 4079-4094.	4.2	6
21	A general analytical solution for groundwater fluctuations due to dual tide in long but narrow islands. <i>Water Resources Research</i> , 2012, 48, .	4.2	18
22	An analytical solution for a radial collector well near a stream with a low-permeability streambed. <i>Journal of Hydrology</i> , 2012, 446-447, 48-58.	5.4	19
23	Transient analysis for fluid injection into a dome reservoir. <i>Advances in Water Resources</i> , 2011, 34, 1553-1562.	3.8	3
24	A general analytical solution for flow to a single horizontal well by Fourier and Laplace transforms. <i>Advances in Water Resources</i> , 2011, 34, 640-648.	3.8	34