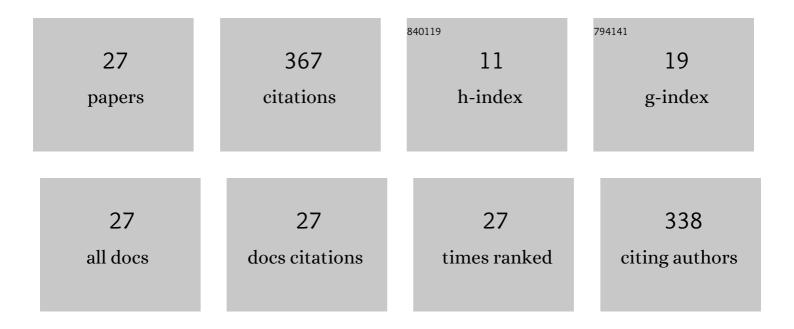
Dong Chen

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7760104/publications.pdf Version: 2024-02-01



DONC CHEN

#	Article	IF	CITATIONS
1	Fractional dispersion equation for sediment suspension. Journal of Hydrology, 2013, 491, 13-22.	2.3	45
2	Understanding partial bed-load transport: Experiments and stochastic model analysis. Journal of Hydrology, 2015, 521, 196-204.	2.3	42
3	Case Study: Two-Dimensional Model Simulation of Channel Migration Processes in West Jordan River, Utah. Journal of Hydraulic Engineering, 2008, 134, 315-327.	0.7	31
4	Turbulent bursting and sediment resuspension in hyper-eutrophic Lake Taihu, China. Journal of Hydrology, 2018, 565, 581-588.	2.3	29
5	A subordinated advection model for uniform bed load transport from local to regional scales. Journal of Geophysical Research F: Earth Surface, 2014, 119, 2711-2729.	1.0	27
6	Evaluating secondary flows in the evolution of sine-generated meanders. Geomorphology, 2012, 163-164, 37-44.	1.1	22
7	Flow directionality of pristine meandering rivers is embedded in the skewing of high-amplitude bends and neck cutoffs. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23448-23454.	3.3	22
8	Evaluating spatial variation of suspended sediment rating curves in the middle <scp>Yellow River</scp> basin, <scp>China</scp> . Hydrological Processes, 2018, 32, 1616-1624.	1.1	16
9	Is the PDO or AMO the climate driver of soil moisture in the Salmon River Basin, Idaho?. Global and Planetary Change, 2014, 120, 16-23.	1.6	15
10	Modeling Flow Pattern and Evolution of Meandering Channels with a Nonlinear Model. Water (Switzerland), 2016, 8, 418.	1.2	15
11	Vertical Distribution of Suspended Sediment under Steady Flow: Existing Theories and Fractional Derivative Model. Discrete Dynamics in Nature and Society, 2017, 2017, 1-11.	0.5	13
12	Analyzing and modeling sub-diffusive transport of bedload along a heterogeneous gravel bed using stochastic and statistical methods. Journal of Hydrology, 2021, 596, 125697.	2.3	11
13	Relationships between oceanic–atmospheric patterns and soil moisture in the Upper Colorado River Basin. Journal of Hydrology, 2011, 411, 77-90.	2.3	9
14	Evaluating Regime Change of Sediment Transport in the Jingjiang River Reach, Yangtze River, China. Water (Switzerland), 2018, 10, 329.	1.2	9
15	The Influence of Riparian Vegetation on the Sinuosity and Lateral Stability of Meandering Channels. Geophysical Research Letters, 2022, 49, .	1.5	9
16	Influence of bed clusters and size gradation on operational time distribution for nonâ€uniform bedâ€load transport. Hydrological Processes, 2016, 30, 3030-3045.	1.1	8
17	Continuous time random walk model for non-uniform bed-load transport with heavy-tailed hop distances and waiting times. Journal of Hydrology, 2019, 578, 124057.	2.3	8
18	The influence of ship wave on turbulent structures and sediment exchange in large shallow Lake Taihu, China. Journal of Hydrology, 2020, 586, 124853.	2.3	8

Dong Chen

#	Article	IF	CITATIONS
19	Effect of fractal particle size distribution on the mobility of dry granular flows. AIP Advances, 2021, 11, .	0.6	8
20	A fractal derivative model to quantify bed-load transport along a heterogeneous sand bed. Environmental Fluid Mechanics, 2020, 20, 1603-1616.	0.7	6
21	Spatial and Temporal Distribution of Geologic Hazards in Shaanxi Province. Remote Sensing, 2021, 13, 4259.	1.8	6
22	Hydrological Response of East China to the Variation of East Asian Summer Monsoon. Advances in Meteorology, 2016, 2016, 1-12.	0.6	3
23	Modeling Bedload Transport Trajectories along a Sine-Generated Channel. Water Resources, 2019, 46, 542-552.	0.3	2
24	Laboratory study on the evolution of gravel-bed surfaces in bed armoring processes. Journal of Hydrology, 2021, 597, 125751.	2.3	2
25	Statistical Analysis of Bed Load Transport over an Armored Bed Layer with Cluster Microforms. Water (Switzerland), 2019, 11, 2082.	1.2	1
26	Sediment Suspension in the "Starving―Jingjiang Reach, Downstream from the Three Gorges Dam, China. , 2016, , .		0
27	Experiments on Longitudinal and Transverse Bedload Transport in Sine-Generated Meandering Channels. Applied Sciences (Switzerland), 2021, 11, 6560.	1.3	0