Dapeng Yu

List of Publications by Year
in descending order

27 papers	1,436 citations	394421 19 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	1265 citing authors

#	ARTICLE	IF	CITATIONS
1	A city-scale assessment of emergency response accessibility to vulnerable populations and facilities under normal and pluvial flood conditions for Shanghai, China. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 2239-2253.	2.0	11
2	Urban surface water flood modelling – a comprehensive review of current models and future challenges. Hydrology and Earth System Sciences, 2021, 25, 2843-2860.	4.9	88
3	Hazard Assessment for Typhoon‐Induced Coastal Flooding and Inundation in Shanghai, China. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017319.	2.6	18
4	Measuring emergency medical service (EMS) accessibility with the effect of city dynamics in a 100-year pluvial flood scenario. Cities, 2021, 117, 103314.	5.6	18
5	Flood Risks in Sinking Delta Cities: Time for a Reevaluation?. Earth's Future, 2020, 8, e2020EF001614.	6.3	38
6	Disruption of emergency response to vulnerable populations during floods. Nature Sustainability, 2020, 3, 728-736.	23.7	42
7	Linking a Storm Water Management Model to a Novel Two-Dimensional Model for Urban Pluvial Flood Modeling. International Journal of Disaster Risk Science, 2020, 11, 508-518.	2.9	31
8	Characterising the geomorphological and physicochemical effects of water injection dredging on estuarine systems. Journal of Environmental Management, 2020, 261, 110259.	7.8	4
9	From flooding to finance: NHS ambulance‐assisted evacuations of care home residents in Norfolk and Suffolk, UK. Journal of Flood Risk Management, 2020, 13, e12592.	3.3	4
10	A Typhoon Shelter Selection and Evacuee Allocation Model: A Case Study of Macao (SAR), China. Sustainability, 2020, 12, 3308.	3.2	4
11	A Vulnerability Assessment of Urban Emergency in Schools of Shanghai. Sustainability, 2019, 11, 349.	3.2	12
12	Long-term flood-hazard modeling for coastal areas using InSAR measurements and a hydrodynamic model: The case study of Lingang New City, Shanghai. Journal of Hydrology, 2019, 571, 593-604.	5.4	26
13	The potential effect of a 100-year pluvial flood event on metro accessibility and ridership: A case study of central Shanghai, China. Applied Geography, 2018, 100, 21-29.	3.7	24
14	Beyond 'flood hotspots': Modelling emergency service accessibility during flooding in York, UK. Journal of Hydrology, 2017, 546, 419-436.	5.4	104
15	The Role of Perceived Severity of Disaster, Rumination, and Trait Resilience in the Relationship Between Rainstorm-related Experiences and PTSD Amongst Chinese Adolescents Following Rainstorm Disasters. Archives of Psychiatric Nursing, 2017, 31, 507-515.	1.4	20
16	Evaluating the cascading impacts of sea level rise and coastal flooding on emergency response spatial accessibility in Lower Manhattan, New York City. Journal of Hydrology, 2017, 555, 648-658.	5.4	51
17	City-scale accessibility of emergency responders operating during flood events. Natural Hazards and Earth System Sciences, 2017, 17, 1-16.	3.6	56
18	Validating city-scale surface water flood modelling using crowd-sourced data. Environmental Research Letters, 2016, 11, 124011.	5.2	58

#	Article	IF	Citations
19	Evaluating the impact and risk of pluvial flash flood on intra-urban road network: A case study in the city center of Shanghai, China. Journal of Hydrology, 2016, 537, 138-145.	5.4	257
20	Coupled modeling of storm surge and coastal inundation: A case study in <scp>N</scp>ew <scp>Y</scp>ork <scp>C</scp>ity during <scp>H</scp>urricane <scp>S</scp>andy. Water Resources Research, 2016, 52, 8685-8699.	4.2	78
21	Modelling the impact of land subsidence on urban pluvial flooding: A case study of downtown Shanghai, China. Science of the Total Environment, 2016, 544, 744-753.	8.0	104
22	Modelling the anthropogenic impacts on fluvial flood risks in a coastal mega-city: A scenario-based case study in Shanghai, China. Landscape and Urban Planning, 2015, 136, 144-155.	7.5	56
23	Evaluating the importance of catchment hydrological parameters for urban surface water flood modelling using a simple hydro-inundation model. Journal of Hydrology, 2015, 524, 385-400.	5.4	88
24	Modelling the combined impacts of sea-level rise and land subsidence on storm tides induced flooding of the Huangpu River in Shanghai, China. Climatic Change, 2013, 119, 919-932.	3.6	75
25	Multiple scenario analyses of Huangpu River flooding using a 1D/2D coupled flood inundation model. Natural Hazards, 2013, 66, 577-589.	3.4	46
26	An evaluation of the impacts of land surface modification, storm sewer development, and rainfall variation on waterlogging risk in Shanghai. Natural Hazards, 2012, 63, 305-323.	3.4	62
27	Parallelization of a two-dimensional flood inundation model based on domain decomposition. Environmental Modelling and Software, 2010, 25, 935-945.	4.5	61