

# Dapeng Yu

## List of Publications by Year in descending order

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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	Evaluating the impact and risk of pluvial flash flood on intra-urban road network: A case study in the city center of Shanghai, China. <i>Journal of Hydrology</i> , 2016, 537, 138-145.	5.4	257
2	Modelling the impact of land subsidence on urban pluvial flooding: A case study of downtown Shanghai, China. <i>Science of the Total Environment</i> , 2016, 544, 744-753.	8.0	104
3	Beyond "flood hotspots": Modelling emergency service accessibility during flooding in York, UK. <i>Journal of Hydrology</i> , 2017, 546, 419-436.	5.4	104
4	Evaluating the importance of catchment hydrological parameters for urban surface water flood modelling using a simple hydro-inundation model. <i>Journal of Hydrology</i> , 2015, 524, 385-400.	5.4	88
5	Urban surface water flood modelling – a comprehensive review of current models and future challenges. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 2843-2860.	4.9	88
6	Coupled modeling of storm surge and coastal inundation: A case study in New York City during Hurricane Sandy. <i>Water Resources Research</i> , 2016, 52, 8685-8699.	4.2	78
7	Modelling the combined impacts of sea-level rise and land subsidence on storm tides induced flooding of the Huangpu River in Shanghai, China. <i>Climatic Change</i> , 2013, 119, 919-932.	3.6	75
8	An evaluation of the impacts of land surface modification, storm sewer development, and rainfall variation on waterlogging risk in Shanghai. <i>Natural Hazards</i> , 2012, 63, 305-323.	3.4	62
9	Parallelization of a two-dimensional flood inundation model based on domain decomposition. <i>Environmental Modelling and Software</i> , 2010, 25, 935-945.	4.5	61
10	Validating city-scale surface water flood modelling using crowd-sourced data. <i>Environmental Research Letters</i> , 2016, 11, 124011.	5.2	58
11	Modelling the anthropogenic impacts on fluvial flood risks in a coastal mega-city: A scenario-based case study in Shanghai, China. <i>Landscape and Urban Planning</i> , 2015, 136, 144-155.	7.5	56
12	City-scale accessibility of emergency responders operating during flood events. <i>Natural Hazards and Earth System Sciences</i> , 2017, 17, 1-16.	3.6	56
13	Evaluating the cascading impacts of sea level rise and coastal flooding on emergency response spatial accessibility in Lower Manhattan, New York City. <i>Journal of Hydrology</i> , 2017, 555, 648-658.	5.4	51
14	Multiple scenario analyses of Huangpu River flooding using a 1D/2D coupled flood inundation model. <i>Natural Hazards</i> , 2013, 66, 577-589.	3.4	46
15	Disruption of emergency response to vulnerable populations during floods. <i>Nature Sustainability</i> , 2020, 3, 728-736.	23.7	42
16	Flood Risks in Sinking Delta Cities: Time for a Reevaluation?. <i>Earth's Future</i> , 2020, 8, e2020EF001614.	6.3	38
17	Linking a Storm Water Management Model to a Novel Two-Dimensional Model for Urban Pluvial Flood Modeling. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 508-518.	2.9	31
18	Long-term flood-hazard modeling for coastal areas using InSAR measurements and a hydrodynamic model: The case study of Lingang New City, Shanghai. <i>Journal of Hydrology</i> , 2019, 571, 593-604.	5.4	26

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19	The potential effect of a 100-year pluvial flood event on metro accessibility and ridership: A case study of central Shanghai, China. <i>Applied Geography</i> , 2018, 100, 21-29.	3.7	24
20	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. <i>Archives of Psychiatric Nursing</i> , 2017, 31, 507-515.	1.4	20
21	Hazard Assessment for Typhoon-induced Coastal Flooding and Inundation in Shanghai, China. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017319.	2.6	18
22	Measuring emergency medical service (EMS) accessibility with the effect of city dynamics in a 100-year pluvial flood scenario. <i>Cities</i> , 2021, 117, 103314.	5.6	18
23	A Vulnerability Assessment of Urban Emergency in Schools of Shanghai. <i>Sustainability</i> , 2019, 11, 349.	3.2	12
24	A city-scale assessment of emergency response accessibility to vulnerable populations and facilities under normal and pluvial flood conditions for Shanghai, China. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 2239-2253.	2.0	11
25	Characterising the geomorphological and physicochemical effects of water injection dredging on estuarine systems. <i>Journal of Environmental Management</i> , 2020, 261, 110259.	7.8	4
26	From flooding to finance: NHS ambulance-assisted evacuations of care home residents in Norfolk and Suffolk, UK. <i>Journal of Flood Risk Management</i> , 2020, 13, e12592.	3.3	4
27	A Typhoon Shelter Selection and Evacuee Allocation Model: A Case Study of Macao (SAR), China. <i>Sustainability</i> , 2020, 12, 3308.	3.2	4