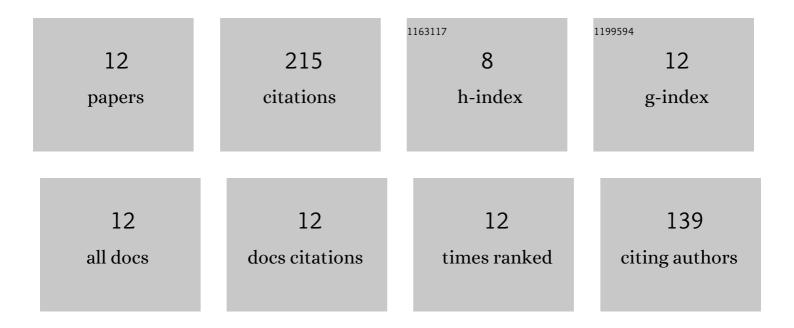
Guangyang Hou

List of Publications by Year in descending order

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CHANCYANG HOU

#	Article	IF	CITATIONS
1	Dynamic effects of turbulent crosswinds on a suspended monorail vehicle–curved bridge coupled system. JVC/Journal of Vibration and Control, 2022, 28, 1135-1147.	2.6	3
2	Development of travel time functions for disrupted urban arterials with microscopic traffic simulation. Physica A: Statistical Mechanics and Its Applications, 2022, 593, 126961.	2.6	6
3	Assessing the Use of Dual-Drainage Modeling to Determine the Effects of Green Stormwater Infrastructure on Roadway Flooding and Traffic Performance. Water (Switzerland), 2021, 13, 1563.	2.7	6
4	Post-earthquake resilience assessment and long-term restoration prioritization of transportation network. Reliability Engineering and System Safety, 2021, 211, 107612.	8.9	42
5	Study of work zone traffic safety under adverse driving conditions with a microscopic traffic simulation approach. Accident Analysis and Prevention, 2020, 145, 105698.	5.7	23
6	Probabilistic modeling of disrupted infrastructures due to fallen trees subjected to extreme winds in urban community. Natural Hazards, 2020, 102, 1323-1350.	3.4	11
7	An Improved Cellular Automaton Model for Work Zone Traffic Simulation Considering Realistic Driving Behavior. Journal of the Physical Society of Japan, 2019, 88, 084001.	1.6	20
8	Traffic Performance Assessment Methodology of Degraded Roadway Links Following Hazards. Journal of Aerospace Engineering, 2019, 32, 04019055.	1.4	18
9	Framework of simulation-based vehicle safety performance assessment of highway system under hazardous driving conditions. Transportation Research Part C: Emerging Technologies, 2019, 105, 23-36.	7.6	26
10	Wind loads of moving vehicle on bridge with solid wind barrier. Engineering Structures, 2018, 156, 188-196.	5.3	40
11	Framework of microscopic traffic flow simulation on highway infrastructure system under hazardous driving conditions. Sustainable and Resilient Infrastructure, 2017, 2, 136-152.	2.8	15
12	Bent Connection Options for Curved and Skewed SMC Bridges in Low-to-Moderate Seismic Regions. Practice Periodical on Structural Design and Construction, 2017, 22, 04017011.	1.3	5