

Shengzhe Wang

List of Publications by Year in descending order

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papers

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1478505

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#	ARTICLE	IF	CITATIONS
1	Geometric and area parameterization of N-edged hyperbolic paraboloidal umbrellas. <i>Engineering Structures</i> , 2022, 250, 113499.	5.3	1
2	Feasibility of Kinetic Umbrellas as Deployable Flood Barriers during Landfalling Hurricanes. <i>Journal of Structural Engineering</i> , 2022, 148, .	3.4	7
3	Structural analysis of Félix Candela's hexagonal hyperbolic paraboloidal umbrellas. <i>Engineering Structures</i> , 2022, 266, 114577.	5.3	1
4	Parametric Modeling of Depth-Limited Wave Spectra under Hurricane Conditions with Applications to Kinetic Umbrellas against Storm Surge Inundation. <i>Water (Switzerland)</i> , 2021, 13, 251.	2.7	4
5	Parameterization of hydrostatic behavior of deployable hyper umbrellas as flood barriers. <i>Thin-Walled Structures</i> , 2021, 163, 107650.	5.3	9
6	Kinematics of deployable hyperbolic paraboloid umbrellas. <i>Engineering Structures</i> , 2021, 244, 112750.	5.3	4
7	Structural evaluation of Félix Candela's 8-sided hyperbolic paraboloidal umbrellas. <i>Engineering Structures</i> , 2020, 222, 111156.	5.3	6
8	Hydrostatic Response of Deployable Hyperbolic-Paraboloid Umbrellas as Coastal Armor. <i>Journal of Structural Engineering</i> , 2020, 146, .	3.4	11
9	An empirical approach for the quantification of uniaxial compressive stress-strain of partially saturated granular media under high strain rates. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 120, 245-256.	3.8	6
10	Influence of dry density and confinement environment on the high strain rate response of partially saturated sand. <i>International Journal of Impact Engineering</i> , 2018, 116, 65-78.	5.0	16
11	Compressive behaviour of shear-thickening fluid with concentrated polymers at high strain rates. <i>Materials and Design</i> , 2018, 140, 295-306.	7.0	30
12	Uniaxial compressive behavior of partially saturated granular media under high strain rates. <i>International Journal of Impact Engineering</i> , 2017, 102, 156-168.	5.0	22
13	Modelling of raked pile foundations in liquefiable ground. <i>Soil Dynamics and Earthquake Engineering</i> , 2014, 64, 11-23.	3.8	18