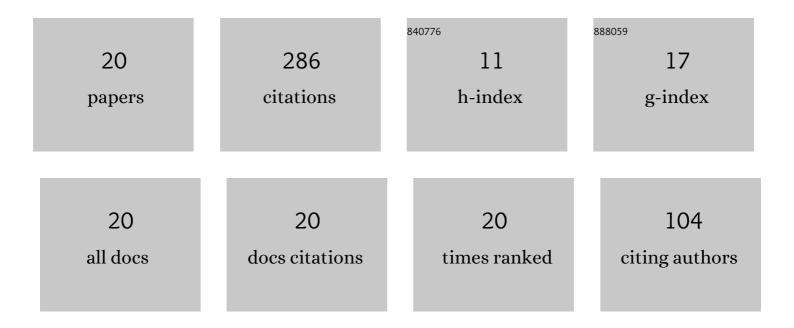
Mengmeng Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Numerical investigation on the wave force characteristics of multi-cylinder with equilateral-triangular arrangement. Ocean Engineering, 2022, 243, 110245.	4.3	4
2	A hybrid FEM-DNN-based vortex-induced Vibration Prediction Method for Flexible Pipes under oscillatory flow in the time domain. Ocean Engineering, 2022, 246, 110488.	4.3	14
3	An experimental investigation on interfering VIVs of double and triple unequal-diameter flexible cylinders in tandem. Marine Structures, 2022, 84, 103247.	3.8	9
4	Experimental investigation on vortex-induced force of a Steel Catenary Riser under in-plane vessel motion. Marine Structures, 2021, 78, 102882.	3.8	19
5	Hydrodynamic Forces of a Semi-Submerged Cylinder in an Oscillatory Flow. Applied Sciences (Switzerland), 2020, 10, 6404.	2.5	4
6	Experimental Investigation on Vortex-Induced Vibration of a Flexible Pipe under Higher Mode in an Oscillatory Flow. Journal of Marine Science and Engineering, 2020, 8, 408.	2.6	4
7	Magnification of hydrodynamic coefficients on a flexible pipe fitted with helical strakes in oscillatory flows. Ocean Engineering, 2020, 210, 107543.	4.3	7
8	Drag and added mass coefficients of a flexible pipe undergoing vortex-induced vibration in an oscillatory flow. Ocean Engineering, 2020, 210, 107541.	4.3	11
9	Hydrodynamics of a flexible cylinder under modulated vortex-induced vibrations. Journal of Fluids and Structures, 2020, 94, 102913.	3.4	21
10	Clobal motion reconstruction of a steel catenary riser under vessel motion. Ships and Offshore Structures, 2019, 14, 442-456.	1.9	4
11	Vortex-induced vibration of flexible pipe fitted with helical strakes in oscillatory flow. Ocean Engineering, 2019, 189, 106274.	4.3	29
12	Distribution of drag coefficients along a flexible pipe with helical strakes in uniform flow. Ocean Engineering, 2019, 184, 216-226.	4.3	13
13	Hydrodynamic forces on a partially submerged cylinder at high Reynolds number in a steady flow. Applied Ocean Research, 2019, 88, 160-169.	4.1	20
14	An efficient time-domain prediction model for vortex-induced vibration of flexible risers under unsteady flows. Marine Structures, 2019, 64, 492-519.	3.8	27
15	A modal space based direct method for vortex-induced vibration prediction of flexible risers. Ocean Engineering, 2018, 152, 191-202.	4.3	7
16	A time domain prediction method for the vortex-induced vibrations of a flexible riser. Marine Structures, 2018, 59, 458-481.	3.8	31
17	A Time Domain Prediction Method for Vortex-Induced Vibrations of a Flexible Pipe With Time-Varying Tension. , 2018, , .		2
18	Hydrodynamics of Flexible Pipe With Staggered Buoyancy Elements Undergoing Vortex-Induced Vibrations. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	13

#	Article	IF	CITATIONS
19	Time-varying hydrodynamics of a flexible riser under multi-frequency vortex-induced vibrations. Journal of Fluids and Structures, 2018, 80, 217-244.	3.4	23
20	Distribution of drag force coefficient along a flexible riser undergoing VIV in sheared flow. Ocean Engineering, 2016, 126, 1-11.	4.3	24