

Yang Qu

List of Publications by Year in descending order

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6
papers

105
citations

1683934

5
h-index

1872570

6
g-index

6
all docs

6
docs citations

6
times ranked

48
citing authors

#	ARTICLE	IF	CITATIONS
1	A single van der pol wake oscillator model for coupled cross-flow and in-line vortex-induced vibrations. <i>Ocean Engineering</i> , 2020, 196, 106732.	1.9	41
2	Vortex-induced vibrations of a freely vibrating cylinder near a plane boundary: Experimental investigation and theoretical modelling. <i>Journal of Fluids and Structures</i> , 2017, 69, 382-401.	1.5	33
3	Modelling of coupled cross-flow and in-line vortex-induced vibrations of flexible cylindrical structures. Part II: on the importance of in-line coupling. <i>Nonlinear Dynamics</i> , 2021, 103, 3083-3112.	2.7	10
4	Modelling of coupled cross-flow and in-line vortex-induced vibrations of flexible cylindrical structures. Part I: model description and validation. <i>Nonlinear Dynamics</i> , 2021, 103, 3059-3082.	2.7	9
5	Numerical study on the characteristics of vortex-induced vibrations of a small-scale subsea jumper using a wake oscillator model. <i>Ocean Engineering</i> , 2022, 243, 110028.	1.9	8
6	Application of a modified wake oscillator model to vortex-induced vibration of a free-hanging riser subjected to vessel motion. <i>Ocean Engineering</i> , 2022, 253, 111165.	1.9	4