

Menglan Duan

List of Publications by Year in descending order

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19
papers

288
citations

1040056

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamic model of deep water riser and its global response characteristics induced by ocean internal wave and floating platform. <i>Ships and Offshore Structures</i> , 2022, 17, 1592-1603.	1.9	8
2	Intelligent fault diagnosis using image representation of multi-domain features. <i>Journal of Intelligent and Fuzzy Systems</i> , 2022, 42, 1317-1329.	1.4	5
3	Experimental and numerical investigation of hydrodynamic coefficients of subsea manifolds. <i>Ships and Offshore Structures</i> , 2021, 16, 595-607.	1.9	3
4	Evaluation of the Double Snap-Through Mechanism on the Wave Energy Converter's Performance. <i>Journal of Marine Science and Application</i> , 2021, 20, 268-283.	1.7	3
5	Fabricating Ag@MOF-5 nanoplates by the template of MOF-5 and evaluating its antibacterial activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127093.	4.7	35
6	An improved model for VIV fatigue life prediction of slender marine structures in time-varying flows. <i>Journal of Marine Science and Technology</i> , 2019, 24, 490-499.	2.9	2
7	In-plane and out-of-plane dynamics of curved pipes conveying fluid by integral transform method. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	14
8	A precise mathematical model for geometric modeling of wire rope strands structure. <i>Applied Mathematical Modelling</i> , 2019, 76, 151-171.	4.2	17
9	A novel feature extraction algorithm for bearing fault diagnosis based on enhanced symbolic aggregate approximation. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 5369-5381.	1.4	4
10	A review of the integrity management of subsea production systems: inspection and monitoring methods. <i>Ships and Offshore Structures</i> , 2019, 14, 789-803.	1.9	16
11	Experimental investigation on the underwater soft yoke mooring system considering sloshing. <i>Ships and Offshore Structures</i> , 2019, 14, 309-319.	1.9	2
12	Semi-analytical solution for soil-constrained vibration of subsea free-spanning pipelines. <i>Ships and Offshore Structures</i> , 2018, 13, 666-676.	1.9	10
13	Theoretical investigation of the compression limits of sealing structures in complex load transferring between subsea connector components. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 44, 202-213.	4.4	29
14	A vortex-induced vibration model for the fatigue analysis of a marine drilling riser. <i>Ships and Offshore Structures</i> , 2017, 12, S280-S287.	1.9	28
15	A fuzzy risk matrix method and its application to the installation operation of subsea collet connector. <i>Journal of Loss Prevention in the Process Industries</i> , 2017, 45, 147-159.	3.3	37
16	Lateral buckling and post-buckling response based on a modified nonlinear pipe-soil interaction model. , 2017, , .		0
17	Prediction of the upheaval buckling critical force for imperfect submarine pipelines. <i>Ocean Engineering</i> , 2015, 109, 330-343.	4.3	49
18	Analytical solution of mean top tension of long flexible riser in modeling vortex-induced vibrations. <i>Applied Ocean Research</i> , 2013, 41, 1-8.	4.1	25

#	ARTICLE	IF	CITATIONS
19	Prediction of coupled in-line and cross-flow vortex-induced vibrations of fluid-transporting free-spanning submarine pipelines: an integral transform solution. Ships and Offshore Structures, 0, , 1-10.	1.9	1