

Mohd Hairil Bin Mohd

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

298
citations

1163117

8
h-index

888059

17
g-index

26
all docs

26
docs citations

26
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Burst pressure strength of corroded subsea pipelines repaired with composite fiber-reinforced polymer patches. <i>Engineering Failure Analysis</i> , 2022, 136, 106204.	4.0	9
2	CFD investigation into resistance characteristics of a pusher-barge system in calm water. <i>Journal of Naval Architecture and Marine Engineering</i> , 2021, 18, 241-254.	1.2	0
3	A practical diagram to determine the residual longitudinal strength of grounded ship in Northern Sea Route. <i>Ships and Offshore Structures</i> , 2020, 15, 683-700.	1.9	9
4	Reefing Viability Index for Rigs-to-Reefs (R2R) in Malaysia. <i>Scientific World Journal, The</i> , 2020, 2020, 1-13.	2.1	1
5	Risk Assessment of Fishing Trawl Activities to Subsea Pipelines of Sabah and Labuan Waters. <i>Scientific World Journal, The</i> , 2020, 2020, 1-9.	2.1	2
6	A Fundamental CFD Investigation of Offshore Structures for Artificial Coral Reef Development. <i>CFD Letters</i> , 2020, 12, 110-125.	0.8	6
7	Ultimate bending capacity of aged fixed platform by considering the effect of marine fouling. <i>Latin American Journal of Solids and Structures</i> , 2019, 16, .	1.0	7
8	Modified wake oscillator model for vortex-induced motion prediction of low aspect ratio structures. <i>Ships and Offshore Structures</i> , 2019, 14, 335-343.	1.9	10
9	Optimized modelling on lateral separation of twin pontoon-net floating breakwater. <i>Journal of Mechanical Engineering and Sciences</i> , 2019, 13, 5764-5779.	0.6	2
10	Comparison of Various Spectral Models for the Prediction of the 100-Year Design Wave Height. <i>MATEC Web of Conferences</i> , 2018, 203, 01020.	0.2	4
11	Effects of soil properties on the corrosion progress of X70-carbon steel in tropical region. <i>Ships and Offshore Structures</i> , 2017, 12, 991-1003.	1.9	10
12	Safety assessment of corroded jacket platform considering decommissioning event. <i>International Journal of Automotive and Mechanical Engineering</i> , 2017, 14, 4462-4485.	0.9	12
13	Hydrodynamic performance of cylindrical floating breakwater in waves. <i>International Journal of Automotive and Mechanical Engineering</i> , 2017, 14, 4715-4729.	0.9	4
14	Analytical modelling prediction by using wake oscillator model for vortex-induced vibrations. <i>Journal of Mechanical Engineering and Sciences</i> , 2017, 11, 3116-3128.	0.6	5
15	Numerical simulations of vortex-induced vibrations on vertical cylindrical structure with different aspect ratios. <i>Ships and Offshore Structures</i> , 2016, 11, 405-423.	1.9	22
16	A time-variant corrosion wastage model for subsea gas pipelines. <i>Ships and Offshore Structures</i> , 2015, 10, 457-457.	1.9	1
17	Residual strength of corroded subsea pipelines subject to combined internal pressure and bending moment. <i>Ships and Offshore Structures</i> , 2015, , 1-11.	1.9	7
18	A risk-based inspection planning method for corroded subsea pipelines. <i>Ocean Engineering</i> , 2015, 109, 539-552.	4.3	36

#	ARTICLE	IF	CITATIONS
19	On the Burst Strength Capacity of an Aging Subsea Gas Pipeline. Journal of Offshore Mechanics and Arctic Engineering, 2014, 136, .	1.2	7
20	Time-Dependent Ultimate Strength Performance of Corroded FPSOs. Arabian Journal for Science and Engineering, 2014, 39, 7673-7690.	1.1	11
21	A time-variant corrosion wastage model for subsea gas pipelines. Ships and Offshore Structures, 2014, 9, 161-176.	1.9	56
22	Investigation of the corrosion progress characteristics of offshore subsea oil well tubes. Corrosion Science, 2013, 67, 130-141.	6.6	70
23	Investigation on the Burst Strength Capacity of Aging Subsea Gas Pipeline. , 2013, , .		3
24	Comparison of residual strength-grounding damage index diagrams for tankers produced by the ALPS/HULL ISFEM and design formula method. International Journal of Naval Architecture and Ocean Engineering, 2013, 5, 47-61.	2.3	4