

Mohd Hairil Bin Mohd

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4992919/publications.pdf>

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	Investigation of the corrosion progress characteristics of offshore subsea oil well tubes. Corrosion Science, 2013, 67, 130-141.	6.6	70
2	A time-variant corrosion wastage model for subsea gas pipelines. Ships and Offshore Structures, 2014, 9, 161-176.	1.9	56
3	A risk-based inspection planning method for corroded subsea pipelines. Ocean Engineering, 2015, 109, 539-552.	4.3	36
4	Numerical simulations of vortex-induced vibrations on vertical cylindrical structure with different aspect ratios. Ships and Offshore Structures, 2016, 11, 405-423.	1.9	22
5	Safety assessment of corroded jacket platform considering decommissioning event. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4462-4485.	0.9	12
6	Time-Dependent Ultimate Strength Performance of Corroded FPSOs. Arabian Journal for Science and Engineering, 2014, 39, 7673-7690.	1.1	11
7	Effects of soil properties on the corrosion progress of X70-carbon steel in tropical region. Ships and Offshore Structures, 2017, 12, 991-1003.	1.9	10
8	Modified wake oscillator model for vortex-induced motion prediction of low aspect ratio structures. Ships and Offshore Structures, 2019, 14, 335-343.	1.9	10
9	A practical diagram to determine the residual longitudinal strength of grounded ship in Northern Sea Route. Ships and Offshore Structures, 2020, 15, 683-700.	1.9	9
10	Burst pressure strength of corroded subsea pipelines repaired with composite fiber-reinforced polymer patches. Engineering Failure Analysis, 2022, 136, 106204.	4.0	9
11	On the Burst Strength Capacity of an Aging Subsea Gas Pipeline. Journal of Offshore Mechanics and Arctic Engineering, 2014, 136, .	1.2	7
12	Residual strength of corroded subsea pipelines subject to combined internal pressure and bending moment. Ships and Offshore Structures, 2015, , 1-11.	1.9	7
13	Ultimate bending capacity of aged fixed platform by considering the effect of marine fouling. Latin American Journal of Solids and Structures, 2019, 16, .	1.0	7
14	A Fundamental CFD Investigation of Offshore Structures for Artificial Coral Reef Development. CFD Letters, 2020, 12, 110-125.	0.8	6
15	Analytical modelling prediction by using wake oscillator model for vortex-induced vibrations. Journal of Mechanical Engineering and Sciences, 2017, 11, 3116-3128.	0.6	5
16	Comparison of Various Spectral Models for the Prediction of the 100-Year Design Wave Height. MATEC Web of Conferences, 2018, 203, 01020.	0.2	4
17	Hydrodynamic performance of cylindrical floating breakwater in waves. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4715-4729.	0.9	4
18	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

#	ARTICLE	IF	CITATIONS
19	Investigation on the Burst Strength Capacity of Aging Subsea Gas Pipeline. , 2013, , .		3
20	Risk Assessment of Fishing Trawl Activities to Subsea Pipelines of Sabah and Labuan Waters. Scientific World Journal, The, 2020, 2020, 1-9.	2.1	2
21	Optimized modelling on lateral separation of twin pontoon-net floating breakwater. Journal of Mechanical Engineering and Sciences, 2019, 13, 5764-5779.	0.6	2
22	A time-variant corrosion wastage model for subsea gas pipelines. Ships and Offshore Structures, 2015, 10, 457-457.	1.9	1
23	Reefing Viability Index for Rigs-to-Reefs (R2R) in Malaysia. Scientific World Journal, The, 2020, 2020, 1-13.	2.1	1
24	CFD investigation into resistance characteristics of a pusher-barge system in calm water. Journal of Naval Architecture and Marine Engineering, 2021, 18, 241-254.	1.2	0