Noor Irza Mohd Zaki

List of Publications by Year
in descending order

22	80	1937685 4	1872680 6
papers	citations	h-index	g-index

23	23	23	20
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Offshore Structural Reliability Assessment by Probabilistic Proceduresâ€"A Review. Journal of Marine Science and Engineering, 2021, 9, 998.	2.6	9
2	Extreme structural response values from various methods of simulating wave kinematics. Ships and Offshore Structures, 2016, 11, 369-384.	1.9	7
3	Efficient derivation of extreme offshore structural response exposed to random wave loads. Ships and Offshore Structures, 2018, 13, 719-733.	1.9	7
4	Structural Integrity of Fixed Offshore Platforms by Incorporating Wave-in-Deck. Journal of Marine Science and Engineering, 2021, 9, 1027.	2.6	6
5	Reliability-Based Design and Assessment for Lifetime Extension of Ageing Offshore Structures. , 2016, , .		5
6	Extreme Response Prediction for Fixed Offshore Structures by Monte Carlo Time Simulation Technique. , 2016, , .		5
7	Extreme structural responses by nonlinear system identification for fixed offshore platforms. Ships and Offshore Structures, 2018, 13, 251-263.	1.9	5
8	Efficient Derivation of the Probability Distribution of Extreme Responses due to Random Wave Loading From the Probability Distribution of Extreme Surface Elevations. , 2013, , .		4
9	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
10	LIFETIME EXTENSION OF AGEING OFFSHORE STRUCTURES BY GLOBAL ULTIMATE STRENGTH ASSESSMENT (GUSA). Malaysian Journal of Civil Engineering, 2018, 30, .	0.3	4
11	Accurate Estimation of the 100-Year Responses From the Probability Distribution of Extreme Surface Elevations. , 2014, , .		3
12	Prediction of Offshore Structural Response Extreme Values by Modified Finite-Memory Nonlinear System Modeling. , 2016, , .		3
13	Finite-Memory Nonlinear System Modelling of Offshore Structural Response Accounting for Extreme Values Residues. , 2013, , .		3
14	Short-Term Distribution of the Extreme Values of Offshore Structural Response by Modified Finite-Memory Nonlinear System Modeling. , 2013, , .		2
15	Efficient time simulation method for predicting the 100-year extreme responses of an offshore platform. Ships and Offshore Structures, 2019, 14, 401-409.	1.9	2
16	Efficient derivation of extreme non-Gaussian stochastic structural response using finite-memory nonlinear system. Part 2: model validation. Ships and Offshore Structures, 0, , 1-15.	1.9	2
17	Numerical formulation based on ocean wave mechanics for offshore structure analysis â€“ a review. Ships and Offshore Structures, 0, , 1-12.	1.9	2
18	Finite-Memory Nonlinear System Modelling of Offshore Structures. , 2008, , .		2

#	Article	IF	Citations
19	The Effect of Different Methods of Simulating Water Particle Kinematics on the 100-Year Responses. , 2016, , .		1
20	Work breakdown structure application for man-hours calculation in hull construction shipbuilding in Malaysia. Cogent Engineering, 2019, 6, .	2.2	1
21	Extreme response prediction for fixed offshore structures by efficient time simulation regression procedures. Part 2: model validation. Ships and Offshore Structures, 2023, 18, 414-422.	1.9	1
22	Efficient derivation of extreme non-Gaussian stochastic structural response using the finite-memory nonlinear system (FMNS_{NL}). Part 1: model development. Ships and Offshore Structures, 0, , 1-14.	1.9	0