M K Abu Husain

List of Publications by Year
in descending order

33	103	1937685 4	1872680 6
papers	citations	h-index	g-index

33	33	33	25
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Efficient Monte Carlo Simulation Technique for Derivation of the Probability Distribution of the Extreme Values of Offshore Structural Response. , 2010, , .		9
2	Offshore Structural Reliability Assessment by Probabilistic Proceduresâ€"A Review. Journal of Marine Science and Engineering, 2021, 9, 998.	2.6	9
3	Extreme structural response values from various methods of simulating wave kinematics. Ships and Offshore Structures, 2016, 11, 369-384.	1.9	7
4	Efficient derivation of extreme offshore structural response exposed to random wave loads. Ships and Offshore Structures, 2018, 13, 719-733.	1.9	7
5	Structural Integrity of Fixed Offshore Platforms by Incorporating Wave-in-Deck. Journal of Marine Science and Engineering, 2021, 9, 1027.	2.6	6
6	Reliability-Based Design and Assessment for Lifetime Extension of Ageing Offshore Structures. , 2016, , .		5
7	Extreme Response Prediction for Fixed Offshore Structures by Monte Carlo Time Simulation Technique. , 2016, , .		5
8	Short-term probability distribution of the extreme values of offshore structural response by an efficient time simulation technique. Ships and Offshore Structures, 2016, 11, 286-299.	1.9	5
9	Extreme structural responses by nonlinear system identification for fixed offshore platforms. Ships and Offshore Structures, 2018, 13, 251-263.	1.9	5
10	Probabilistic Modelling of Extreme Offshore Structural Response due to Random Wave Loading. , 2013, , .		4
11	Efficient Derivation of the Probability Distribution of Extreme Responses due to Random Wave Loading From the Probability Distribution of Extreme Surface Elevations. , 2013, , .		4
12	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
13	Accurate Estimation of the 100-Year Responses From the Probability Distribution of Extreme Surface Elevations. , 2014, , .		3
14	Prediction of Offshore Structural Response Extreme Values by Modified Finite-Memory Nonlinear System Modeling. , 2016, , .		3
15	Prediction of offshore structural response extreme values by three different approaches of efficient time simulation technique. Ships and Offshore Structures, 2017, 12, 290-301.	1.9	3
16	Effect of Silica Sand Filler on Mechanical Properties of Epoxy Grout for Composite Repair of Steel Pipelines. Materials Performance and Characterization, 2020, 9, 20190111.	0.3	3
17	Finite-Memory Nonlinear System Modelling of Offshore Structural Response Accounting for Extreme Values Residues. , 2013, , .		3
18	Efficient Derivation of the Probability Distribution of the Extreme Values of Offshore Structural Response Taking Advantage of Its Correlation With Extreme Values of Linear Response. , 2011, , .		2

#	Article	IF	Citations
19	Short-Term Distribution of the Extreme Values of Offshore Structural Response by Modified Finite-Memory Nonlinear System Modeling. , 2013, , .		2
20	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
21	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
22	Numerical formulation based on ocean wave mechanics for offshore structure analysis â€“ a review. Ships and Offshore Structures, 0, , 1-12.	1.9	2
23	Long-Term Probability Distribution of Extreme Offshore Structural Response via an Efficient Time Simulation Method. , 2013, , .		2
24	Comparison of Extreme Responses From Wheeler and Vertical Stretching Methods. , 2013, , .		1
25	The Effect of Different Methods of Simulating Water Particle Kinematics on the 100-Year Responses. , 2016, , .		1
26	Work breakdown structure application for man-hours calculation in hull construction shipbuilding in Malaysia. Cogent Engineering, 2019, 6, .	2.2	1
27	Efficient Derivation of the Probability Distribution of the Extreme Values of Offshore Structural Response: Comparison of Three Different Methods. , 2013, , .		1
28	Prediction of Extreme Values of Offshore Structural Response by an Efficient Time Simulation Technique. , 2014, , .		1
29	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
30	Finite-Memory Nonlinear System Modelling of Offshore Structural Response Accounting for Extreme Values Residues. , 2012, , .		0
31	The Accuracy of the MFMNS and FMNS Models in Predicting Long-Term Distribution of the Extreme Values of Offshore Structural Response. , 2014, , .		0
32	Various methods of simulating wave kinematics on the structural members of 100-year responses. Journal of Mechanical Engineering and Sciences, 2017, 11, 3256-3273.	0.6	0
33	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