# 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 | 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 |
| 2 | Structural Integrity of Fixed Offshore Platforms by Incorporating Wave-in-Deck. Journal of Marine Science and Engineering, 2021, 9, 1027. | 2.6 | 6 |
| 3 | Offshore Structural Reliability Assessment by Probabilistic Proceduresâ€"A Review. Journal of Marine Science and Engineering, 2021, 9, 998. | 2.6 | 9 |
| 4 | Work breakdown structure application for man-hours calculation in hull construction shipbuilding in Malaysia. Cogent Engineering, 2019, 6, . | 2.2 | 1 |
| 5 | 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 |
| 6 | Efficient derivation of extreme offshore structural response exposed to random wave loads. Ships and Offshore Structures, 2018, 13, 719-733. | 1.9 | 7 |
| 7 | Extreme structural responses by nonlinear system identification for fixed offshore platforms. Ships and Offshore Structures, 2018, 13, 251-263. | 1.9 | 5 |
| 8 | 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 |
| 9 | LIFETIME EXTENSION OF AGEING OFFSHORE STRUCTURES BY GLOBAL ULTIMATE STRENGTH ASSESSMENT (GUSA). Malaysian Journal of Civil Engineering, 2018, 30, . | 0.3 | 4 |
| 10 | Reliability-Based Design and Assessment for Lifetime Extension of Ageing Offshore Structures. , 2016, , . | | 5 |
| 11 | Prediction of Offshore Structural Response Extreme Values by Modified Finite-Memory Nonlinear System Modeling. , 2016, , . | | 3 |
| 12 | Extreme Response Prediction for Fixed Offshore Structures by Monte Carlo Time Simulation Technique. , 2016, , . | | 5 |
| 13 | The Effect of Different Methods of Simulating Water Particle Kinematics on the 100-Year Responses. , 2016, , . | | 1 |
| 14 | Extreme structural response values from various methods of simulating wave kinematics. Ships and Offshore Structures, 2016, 11, 369-384. | 1.9 | 7 |
| 15 | Accurate Estimation of the 100-Year Responses From the Probability Distribution of Extreme Surface Elevations. , 2014, , . | | 3 |
| 16 | Short-Term Distribution of the Extreme Values of Offshore Structural Response by Modified Finite-Memory Nonlinear System Modeling. , 2013, , . | | 2 |
| 17 | Efficient Derivation of the Probability Distribution of Extreme Responses due to Random Wave Loading From the Probability Distribution of Extreme Surface Elevations. , 2013, , . | | 4 |
| 18 | Finite-Memory Nonlinear System Modelling of Offshore Structural Response Accounting for Extreme Values Residues. , 2013, , . | | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Finite-Memory Nonlinear System Modelling of Offshore Structures. , 2008, , . | | 2 |
| 20 | 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 |
| 21 | Numerical formulation based on ocean wave mechanics for offshore structure analysis â€“ a review. Ships and Offshore Structures, 0, , 1-12. | 1.9 | 2 |
| 22 | Efficient derivation of extreme non-Gaussian stochastic structural response using the finite-memory nonlinear system (FMNS<sub>NL</sub>). Part 1: model development. Ships and Offshore Structures, 0, , 1-14. | 1.9 | 0 |