# Vincenzo Nava

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3931291/publications.pdf

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| 27 | 274 | 840776 11 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 27 | 27 | 27 | 214 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A numerical study on the hydrodynamic impact of device slenderness and array size in wave energy farms in realistic wave climates. Ocean Engineering, 2017, 142, 224-232. | 4.3 | 47 |
| 2 | Layout Optimisation of Wave Energy Converter Arrays. Energies, 2017, 10, 1262. | 3.1 | 37 |
| 3 | Three-dimensional nonlinear random wave groups in intermediate water depth. Coastal Engineering, 2008, 55, 1052-1061. | 4.0 | 24 |
| 4 | On intermediate-scale open-sea experiments on floating offshore structures: Feasibility and application on a spar support for offshore wind turbines. Marine Structures, 2018, 61, 220-237. | 3.8 | 20 |
| 5 | On the fatigue behavior of support structures for offshore wind turbines. Wind and Structures, an International Journal, 2014, 18, 117-134. | 0.8 | 18 |
| 6 | Progress on the experimental set-up for the testing of a floating offshore wind turbine scaled model in a field site. Wind Engineering, 2016, 40, 455-467. | 1.9 | 17 |
| 7 | Reducing variability in the cost of energy of ocean energy arrays. Renewable and Sustainable Energy Reviews, 2019, 112, 263-279. | 16.4 | 16 |
| 8 | A Comparison of Numerical Approaches for the Design of Mooring Systems for Wave Energy Converters. Journal of Marine Science and Engineering, 2020, 8, 523. | 2.6 | 16 |
| 9 | Coupled Surge-Heave-Pitch Dynamic Modeling of Spar-Moonpool-Riser Interaction. Journal of Offshore Mechanics and Arctic Engineering, 2011, 133, . | 1.2 | 15 |
| 10 | Operational Modal Analysis of a Spar-Type Floating Platform Using Frequency Domain Decomposition Method. Energies, 2016, 9, 870. | 3.1 | 15 |
| 11 | Small scale experimental validation of a numerical model of the HarshLab2.0 floating platform coupled with a non-linear lumped mass catenary mooring system. Ocean Engineering, 2020, 200, 107036. | 4.3 | 13 |
| 12 | Frequency domain modelling of a coupled system of floating structure and mooring Lines: An application to a wave energy converter. Ocean Engineering, 2021, 220, 108498. | 4.3 | 8 |
| 13 | On linearization of Morison force given by high three-dimensional sea wave groups. Probabilistic Engineering Mechanics, 2008, 23, 104-113. | 2.7 | 6 |
| 14 | Fatigue Analysis of Offshore Wind Turbines on Fixed Support Structures. Key Engineering Materials, 0, 569-570, 539-546. | 0.4 | 3 |
| 15 | Effects of the Mooring Line Configuration on the Dynamics of a Point Absorber. , 2013, , . | | 3 |
| 16 | On the Response of a Spar Floating Wind Turbine Under the Occurrence of Extreme Events. , 2013, , . | | 3 |
| 17 | Output-only identification of rigid body motions of floating structures: a case study. Procedia Engineering, 2017, 199, 930-935. | 1.2 | 3 |
| 18 | Determination of Riser Tensioner Properties From Full-Scale Data. , 2008, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Mooring System Design Approach: A Case Study for MARMOK-A Floating OWC Wave Energy Converter. , 2018, , . | | 2 |
| 20 | Review of Systems Engineering (SE) Methods and Their Application to Wave Energy Technology Development. Journal of Marine Science and Engineering, 2020, 8, 823. | 2.6 | 2 |
| 21 | DESIGN TOOLS FOR OFFSHORE RENEWABLE ENERGY. Dyna (Spain), 2020, 95, 601-605. | 0.2 | 2 |
| 22 | Response of a Spar Platform Under the Occurrence of Extreme Waves. , 2011, , . | | 2 |
| 23 | Non-Linear Random Wave Groups With a Superimposed Current. , 2006, , 229. | | 0 |
| 24 | Coupled Surge-Heave-Pitch Dynamic Modeling of Spar-Moonpool-Riser Interaction. , 2009, , . | | 0 |
| 25 | Numerical Approaches for Loads and Motions Assessment of Floating WECs Moored by Means of Catenary Mooring Systems. Mechanisms and Machine Science, 2022, , 59-69. | 0.5 | 0 |
| 26 | Effects of Second-Order Extreme Waves on the Dynamics of a Non-Linear Floating Body. , 2012, , . | | 0 |
| 27 | Technology-Agnostic Assessment of Wave Energy System Capabilities. Energies, 2022, 15, 2624. | 3.1 | 0 |