

# Vincenzo Nava

## List of Publications by Year in descending order

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27  
papers

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citations

840776

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Approaches for Loads and Motions Assessment of Floating WECs Moored by Means of Catenary Mooring Systems. <i>Mechanisms and Machine Science</i> , 2022, , 59-69.	0.5	0
2	Technology-Agnostic Assessment of Wave Energy System Capabilities. <i>Energies</i> , 2022, 15, 2624.	3.1	0
3	Frequency domain modelling of a coupled system of floating structure and mooring Lines: An application to a wave energy converter. <i>Ocean Engineering</i> , 2021, 220, 108498.	4.3	8
4	A Comparison of Numerical Approaches for the Design of Mooring Systems for Wave Energy Converters. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 523.	2.6	16
5	Review of Systems Engineering (SE) Methods and Their Application to Wave Energy Technology Development. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 823.	2.6	2
6	Small scale experimental validation of a numerical model of the HarshLab2.0 floating platform coupled with a non-linear lumped mass catenary mooring system. <i>Ocean Engineering</i> , 2020, 200, 107036.	4.3	13
7	DESIGN TOOLS FOR OFFSHORE RENEWABLE ENERGY. <i>Dyna (Spain)</i> , 2020, 95, 601-605.	0.2	2
8	Reducing variability in the cost of energy of ocean energy arrays. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 263-279.	16.4	16
9	Mooring System Design Approach: A Case Study for MARMOK-A Floating OWC Wave Energy Converter. , 2018, , .		2
10	On intermediate-scale open-sea experiments on floating offshore structures: Feasibility and application on a spar support for offshore wind turbines. <i>Marine Structures</i> , 2018, 61, 220-237.	3.8	20
11	Output-only identification of rigid body motions of floating structures: a case study. <i>Procedia Engineering</i> , 2017, 199, 930-935.	1.2	3
12	A numerical study on the hydrodynamic impact of device slenderness and array size in wave energy farms in realistic wave climates. <i>Ocean Engineering</i> , 2017, 142, 224-232.	4.3	47
13	Layout Optimisation of Wave Energy Converter Arrays. <i>Energies</i> , 2017, 10, 1262.	3.1	37
14	Operational Modal Analysis of a Spar-Type Floating Platform Using Frequency Domain Decomposition Method. <i>Energies</i> , 2016, 9, 870.	3.1	15
15	Progress on the experimental set-up for the testing of a floating offshore wind turbine scaled model in a field site. <i>Wind Engineering</i> , 2016, 40, 455-467.	1.9	17
16	On the fatigue behavior of support structures for offshore wind turbines. <i>Wind and Structures, an International Journal</i> , 2014, 18, 117-134.	0.8	18
17	Effects of the Mooring Line Configuration on the Dynamics of a Point Absorber. , 2013, , .		3
18	On the Response of a Spar Floating Wind Turbine Under the Occurrence of Extreme Events. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Effects of Second-Order Extreme Waves on the Dynamics of a Non-Linear Floating Body. , 2012, , .		0
20	Coupled Surge-Heave-Pitch Dynamic Modeling of Spar-Moonpool-Riser Interaction. Journal of Offshore Mechanics and Arctic Engineering, 2011, 133, .	1.2	15
21	Response of a Spar Platform Under the Occurrence of Extreme Waves. , 2011, , .		2
22	Coupled Surge-Heave-Pitch Dynamic Modeling of Spar-Moonpool-Riser Interaction. , 2009, , .		0
23	On linearization of Morison force given by high three-dimensional sea wave groups. Probabilistic Engineering Mechanics, 2008, 23, 104-113.	2.7	6
24	Three-dimensional nonlinear random wave groups in intermediate water depth. Coastal Engineering, 2008, 55, 1052-1061.	4.0	24
25	Determination of Riser Tensioner Properties From Full-Scale Data. , 2008, , .		2
26	Non-Linear Random Wave Groups With a Superimposed Current. , 2006, , 229.		0
27	Fatigue Analysis of Offshore Wind Turbines on Fixed Support Structures. Key Engineering Materials, 0, 569-570, 539-546.	0.4	3