

Alberto Maria Avossa

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

294
citations

933447

10
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	A life cycle cost model for floating offshore wind farms. Applied Energy, 2020, 266, 114716.	10.1	69
2	Experimental modelling of the dynamic behaviour of a spar buoy wind turbine. Renewable Energy, 2018, 127, 412-432.	8.9	44
3	Assessment of Progressive Collapse Capacity of Earthquake-Resistant Steel Moment Frames Using Pushdown Analysis. Open Construction and Building Technology Journal, 2014, 8, 324-336.	0.7	20
4	Some Results on the Vulnerability Assessment of HAWTs Subjected to Wind and Seismic Actions. Sustainability, 2017, 9, 1525.	3.2	14
5	Seismic performance assessment of masonry structures with a modified "concrete" model. Bulletin of Earthquake Engineering, 2015, 13, 2693-2718.	4.1	13
6	Seismic Retrofit of a Multispan Prestressed Concrete Girder Bridge with Friction Pendulum Devices. Shock and Vibration, 2018, 2018, 1-22.	0.6	13
7	Accuracy of Advanced Methods for Nonlinear Static Analysis of Steel Moment-Resisting Frames. Open Construction and Building Technology Journal, 2014, 8, 310-323.	0.7	13
8	Seismic Assessment, Repair and Strengthening of a Medieval Masonry Tower in Southern Italy. International Journal of Civil Engineering, 2020, 18, 967-994.	2.0	12
9	Assessment of the Peak Response of a 5MW HAWT Under Combined Wind and Seismic Induced Loads. Open Construction and Building Technology Journal, 2017, 11, 441-457.	0.7	11
10	Design procedures for footbridges subjected to walking loads: comparison and remarks. Baltic Journal of Road and Bridge Engineering, 2017, 12, 94-105.	0.8	11
11	Dynamic Modelling of a Spar Buoy Wind Turbine. , 2017, , .		9
12	Deterministic and Probabilistic Serviceability Assessment of Footbridge Vibrations due to a Single Walker Crossing. Shock and Vibration, 2018, 2018, 1-26.	0.6	9
13	The Relationship between Wind Pressure and Pressure Coefficients for the Definition of Wind Loads on Buildings. Buildings, 2022, 12, 225.	3.1	8
14	Validation of a TLP wind turbine numerical model against model-scale tests under regular and irregular waves. Ocean Engineering, 2022, 256, 111491.	4.3	7
15	Probability distribution of footbridge peak acceleration to single and multiple crossing walkers. Procedia Engineering, 2017, 199, 2766-2771.	1.2	5
16	Load-Carrying Capacity of Compressed Wall-Like RC Columns Strengthened with FRP. Buildings, 2021, 11, 285.	3.1	5
17	Experimental Tests on the Wave-Induced Response of a Tension Leg Platform Supporting a 5MW Wind Turbine. Lecture Notes in Civil Engineering, 2019, , 599-612.	0.4	4
18	A Comparative Analysis of Construction Costs of Onshore and Shallow- and Deep-Water Offshore Wind Farms. Lecture Notes in Civil Engineering, 2019, , 440-453.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Characterization of Mean Wind Profiles and Surface Roughness Assessment from Wind LIDAR Measurements. Lecture Notes in Civil Engineering, 2019, , 689-702.	0.4	4
20	Base Isolation Seismic Retrofit of a Hospital Building in Italy. Journal of Civil Engineering and Architecture, 2012, 6, .	0.1	3
21	Probabilistic assessment of footbridge response to single walkers. Archive of Applied Mechanics, 2022, 92, 1913-1927.	2.2	3
22	Accuracy of mean wind climate predicted from historical data through wind LIDAR measurements. Engineering Structures, 2019, 201, 109771.	5.3	2
23	Sensitivity analysis of cost parameters for floating offshore wind farms: an application to Italian waters. Journal of Physics: Conference Series, 2020, 1669, 012019.	0.4	2
24	Correction of historical records to improve the reliability of design wind speeds. Engineering Structures, 2022, 265, 114473.	5.3	2
25	Numerical Modelling of the MIT/NREL TLP Wind Turbine and Comparison with the Experimental Results. Journal of Physics: Conference Series, 2020, 1669, 012015.	0.4	0