Alberto Maria Avossa

List of Publications by Year
in descending order

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	The Relationship between Wind Pressure and Pressure Coefficients for the Definition of Wind Loads on Buildings. Buildings, 2022, 12, 225.	3.1	8
2	Probabilistic assessment of footbridge response to single walkers. Archive of Applied Mechanics, 2022, 92, 1913-1927.	2.2	3
3	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
4	Correction of historical records to improve the reliability of design wind speeds. Engineering Structures, 2022, 265, 114473.	5.3	2
5	Load-Carrying Capacity of Compressed Wall-Like RC Columns Strengthened with FRP. Buildings, 2021, 11, 285.	3.1	5
6	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
7	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
8	Seismic Assessment, Repair and Strengthening of aÂMedieval Masonry Tower in Southern Italy. International Journal of Civil Engineering, 2020, 18, 967-994.	2.0	12
9	A life cycle cost model for floating offshore wind farms. Applied Energy, 2020, 266, 114716.	10.1	69
10	Accuracy of mean wind climate predicted from historical data through wind LIDAR measurements. Engineering Structures, 2019, 201, 109771.	5.3	2
11	Experimental Tests on the Wave-Induced Response of a Tension Leg Platform Supporting a 5ÂMW Wind Turbine. Lecture Notes in Civil Engineering, 2019, , 599-612.	0.4	4
12	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
13	Characterization of Mean Wind Profiles and Surface Roughness Assessment from Wind LIDAR Measurements. Lecture Notes in Civil Engineering, 2019, , 689-702.	0.4	4
14	Experimental modelling of the dynamic behaviour of a spar buoy wind turbine. Renewable Energy, 2018, 127, 412-432.	8.9	44
15	Seismic Retrofit of a Multispan Prestressed Concrete Girder Bridge with Friction Pendulum Devices. Shock and Vibration, 2018, 2018, 1-22.	0.6	13
16	Deterministic and Probabilistic Serviceability Assessment of Footbridge Vibrations due to a Single Walker Crossing. Shock and Vibration, 2018, 2018, 1-26.	0.6	9
17	Probability distribution of footbridge peak acceleration to single and multiple crossing walkers. Procedia Engineering, 2017, 199, 2766-2771.	1.2	5
18	Dynamic Modelling of a Spar Buoy Wind Turbine. , 2017, , .		9

#	Article	IF	Citations
19	Some Results on the Vulnerability Assessment of HAWTs Subjected to Wind and Seismic Actions. Sustainability, 2017, 9, 1525.	3.2	14
20	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
21	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
22	Seismic performance assessment of masonry structures with a modified â€œconcreteâ€•model. Bulletin of Earthquake Engineering, 2015, 13, 2693-2718.	4.1	13
23	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
24	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
25	Base Isolation Seismic Retrofit of a Hospital Building in Italy. Journal of Civil Engineering and Architecture, 2012, 6, .	0.1	3