

Marco Bovo

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

387
citations

758635

12
h-index

839053

18
g-index

33
all docs

33
docs citations

33
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	A method for the validation of measurements collected by different monitoring systems applied to aquaculture processing plants. <i>Biosystems Engineering</i> , 2022, 223, 30-41.	1.9	6
2	Assessment of geometrical and seasonal effects on the natural ventilation of a pig barn using CFD simulations. <i>Computers and Electronics in Agriculture</i> , 2022, 193, 106652.	3.7	7
3	Analysis of the effects of shading screens on the microclimate of greenhouses and glass facade buildings. <i>Building and Environment</i> , 2022, 211, 108691.	3.0	17
4	Application of Machine Learning Models for Fast and Accurate Predictions of Building Energy Need. <i>Energies</i> , 2022, 15, 1266.	1.6	3
5	PRESSAFE-disp: a method for the fast in-plane seismic assessment of existing precast RC buildings after the Emilia earthquake of May 2012. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 2751-2794.	2.3	5
6	Fragility Curves of Existing RC Buildings Accounting for Bidirectional Ground Motion. <i>Buildings</i> , 2022, 12, 872.	1.4	4
7	A computer vision approach based on deep learning for the detection of dairy cows in free stall barn. <i>Computers and Electronics in Agriculture</i> , 2021, 182, 106030.	3.7	56
8	Random Forest Modelling of Milk Yield of Dairy Cows under Heat Stress Conditions. <i>Animals</i> , 2021, 11, 1305.	1.0	22
9	Seismic Performance Assessment of a Multistorey Building Designed with an Alternative Capacity Design Approach. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-18.	0.4	1
10	Turning Agricultural Wastes into Biomaterials: Assessing the Sustainability of Scenarios of Circular Valorization of Corn Cob in a Life-Cycle Perspective. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6281.	1.3	18
11	Behavior and Welfare of Undocked Heavy Pigs Raised in Buildings with Different Ventilation Systems. <i>Animals</i> , 2021, 11, 2338.	1.0	10
12	Methodology for sensor calibration in agro-industrial facilities. , 2021, , .		1
13	Collapse and damage to vernacular buildings induced by 2012 Emilia earthquakes. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 1049-1080.	2.3	8
14	Seismic safety of valuable non-structural elements in RC buildings: Floor Response Spectrum approaches. <i>Engineering Structures</i> , 2020, 205, 110081.	2.6	20
15	Microventilation system improves the ageing conditions in existent wine cellars. <i>Australian Journal of Grape and Wine Research</i> , 2020, 26, 417-426.	1.0	1
16	A Comparison of Energy and Thermal Performance of Rooftop Greenhouses and Green Roofs in Mediterranean Climate: A Hygrothermal Assessment in WUFI. <i>Energies</i> , 2020, 13, 2030.	1.6	20
17	Application of ground heat exchangers in cow barns to enhance milk cooling and water heating and storage. <i>Energy and Buildings</i> , 2020, 224, 110213.	3.1	14
18	Application of basket geothermal heat exchangers for sustainable greenhouse cultivation. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 129, 109928.	8.2	32

#	ARTICLE	IF	CITATIONS
19	Infill Modelling Influence on Dynamic Identification and Model Updating of Reinforced Concrete Framed Buildings. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-16.	0.4	5
20	Definition of seismic performances and fragility curves of unanchored cylindrical steel legged tanks used in wine making and storage. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 3711-3745.	2.3	4
21	The dual influence of the envelope on the thermal performance of conditioned and unconditioned buildings. <i>Sustainable Cities and Society</i> , 2020, 61, 102298.	5.1	11
22	Application of bidirectional ground motion on existing RC building for seismic loss analysis. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2
23	A Smart Monitoring System for a Future Smarter Dairy Farming. , 2020, , .		10
24	Numerical Interpretation of Structural Behavior of Stone Arches of Historical Storehouses Building. <i>RILEM Bookseries</i> , 2019, , 1519-1527.	0.2	0
25	Multidimensional Measurement of the Level of Consistency of Farm Buildings with Rural Heritage: A Methodology Tested on an Italian Case Study. <i>Sustainability</i> , 2019, 11, 4242.	1.6	8
26	Experimental and numerical evaluation of fiber-matrix interface behaviour of different FRCM systems. <i>Composites Part B: Engineering</i> , 2019, 161, 411-426.	5.9	45
27	Evaluation of the variability contribution due to epistemic uncertainty on constitutive models in the definition of fragility curves of RC frames. <i>Engineering Structures</i> , 2019, 188, 700-716.	2.6	18
28	Evaluation of force fluctuations induced by vertical seismic component on reinforced concrete precast structures. <i>Engineering Structures</i> , 2019, 178, 70-87.	2.6	18
29	Numerical Simulation of Seismic-Induced Failure of a Precast Structure during the Emilia Earthquake. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	1.0	14
30	Structural Characterization of an Historical Building by Means of Experimental Tests on Full-Scale Elements. <i>Advances in Civil Engineering</i> , 2017, 2017, 1-15.	0.4	2
31	An Alternative Approach for FRCM Matrix Tensile Strength Evaluation. <i>Key Engineering Materials</i> , 0, 817, 365-370.	0.4	2
32	Fast Seismic Assessment of Existing Precast Structures by Means of Fragility Curves: The PRESSAFE Methodology. <i>Journal of Earthquake Engineering</i> , 0, , 1-32.	1.4	2