

Giuseppe Ciaburro

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

824
citations

471061

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525886

27
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49
all docs

49
docs citations

49
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic design of a new shell to be placed in the Roman amphitheater located in Santa Maria Capua Vetere. <i>Applied Acoustics</i> , 2022, 187, 108524.	1.7	4
2	Membrane-type acoustic metamaterial using cork sheets and attached masses based on reused materials. <i>Applied Acoustics</i> , 2022, 189, 108605.	1.7	35
3	Community Response to Noise from Hot-Spots at a Major Road in Quito (Ecuador) and Its Application for Identification and Ranking These Areas. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1115.	1.2	1
4	Blockchain Technology for Contact Tracing During COVID-19. , 2022, , 201-229.		1
5	Acoustic Characterization and Modeling of Silicone-Bonded Cocoa Crop Waste Using a Model Based on the Gaussian Support Vector Machine. <i>Fibers</i> , 2022, 10, 25.	1.8	4
6	Design Optimization of Three-Layered Metamaterial Acoustic Absorbers Based on PVC Reused Membrane and Metal Washers. <i>Sustainability</i> , 2022, 14, 4218.	1.6	15
7	The acoustics of ancient catacombs in Southern Italy. <i>Building Acoustics</i> , 2021, 28, 411-422.	1.1	11
8	Acoustical unmanned aerial vehicle detection in indoor scenarios using logistic regression model. <i>Building Acoustics</i> , 2021, 28, 77-96.	1.1	13
9	Modelling sound absorption properties for recycled polyethylene terephthalate-based material using Gaussian regression. <i>Building Acoustics</i> , 2021, 28, 185-196.	1.1	24
10	The acoustic characteristics of the "Dives in Misericordia" Church in Rome. <i>Building Acoustics</i> , 2021, 28, 197-206.	1.1	8
11	An artificial neural network approach to modelling absorbent asphalts acoustic properties. <i>Journal of King Saud University, Engineering Sciences</i> , 2021, 33, 213-220.	1.2	25
12	Deep Learning Methods for Audio Events Detection. <i>Studies in Big Data</i> , 2021, , 147-166.	0.8	2
13	Security Systems for Smart Cities Based on Acoustic Sensors and Machine Learning Applications. <i>Studies in Computational Intelligence</i> , 2021, , 369-393.	0.7	6
14	An ensemble classifier approach for thyroid disease diagnosis using the AdaBoostM algorithm. , 2021, , 365-387.		2
15	Acoustic Characterization of Rooms Using Reverberation Time Estimation Based on Supervised Learning Algorithm. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1661.	1.3	8
16	Machine Learning-Based Algorithms to Knowledge Extraction from Time Series Data: A Review. <i>Data</i> , 2021, 6, 55.	1.2	18
17	The Acoustics of the Benevento Roman Theatre. <i>Buildings</i> , 2021, 11, 212.	1.4	13
18	Modeling acoustic metamaterials based on reused buttons using data fitting with neural network. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 51-63.	0.5	27

#	ARTICLE	IF	CITATIONS
19	Machine Learning-Based Tools for Wind Turbine Acoustic Monitoring. Applied Sciences (Switzerland), 2021, 11, 6488.	1.3	5
20	Corn plants as temporary acoustic barrier to limit the effects of noise pollution. INTER-NOISE and NOISE-CON Congress and Conference Proceedings, 2021, 263, 2164-2171.	0.1	2
21	Use of masks inside the classrooms. INTER-NOISE and NOISE-CON Congress and Conference Proceedings, 2021, 263, 4020-4027.	0.1	2
22	Ottoman Mosques in Albania: Building Acoustic Exploration inside Five Case Studies. Buildings, 2021, 11, 430.	1.4	5
23	Metamaterials acoustic barrier. Applied Acoustics, 2021, 181, 108172.	1.7	22
24	Two Albanian Mosques: the acoustics discovery inside prayer rooms. , 2021, , .		4
25	Video games noise exposure in teenagers and young adults. Noise and Vibration Worldwide, 2020, 51, 3-11.	0.4	7
26	Sound Event Detection in Underground Parking Garage Using Convolutional Neural Network. Big Data and Cognitive Computing, 2020, 4, 20.	2.9	29
27	Improving Smart Cities Safety Using Sound Events Detection Based on Deep Neural Network Algorithms. Informatics, 2020, 7, 23.	2.4	48
28	Acoustic Design of Ancient Buildings: The Odea of Pompeii and Posillipo. Buildings, 2020, 10, 224.	1.4	22
29	Numerical Simulation for the Sound Absorption Properties of Ceramic Resonators. Fibers, 2020, 8, 77.	1.8	14
30	A Comparison between Numerical Simulation Models for the Prediction of Acoustic Behavior of Giant Reeds Shredded. Applied Sciences (Switzerland), 2020, 10, 6881.	1.3	23
31	Research for the Presence of Unmanned Aerial Vehicle inside Closed Environments with Acoustic Measurements. Buildings, 2020, 10, 96.	1.4	15
32	Artificial neural network-based models for predicting the sound absorption coefficient of electrospun poly(vinyl pyrrolidone)/silica composite. Applied Acoustics, 2020, 169, 107472.	1.7	46
33	Modelling sound absorption properties of broom fibers using artificial neural networks. Applied Acoustics, 2020, 163, 107239.	1.7	45
34	Case study: Automated recognition of wind farm sound using artificial neural networks. Noise Control Engineering Journal, 2020, 68, 157-167.	0.2	5
35	USE OF CORK SHEETS FOR ROOM ACOUSTIC CORRECTION. Journal of Green Building, 2020, 15, 45-55.	0.4	10
36	Representation of the soundscape quality in urban areas through colours. Noise Mapping, 2019, 6, 8-21.	0.7	26

#	ARTICLE	IF	CITATIONS
37	Fault Diagnosis for UAV Blades Using Artificial Neural Network. <i>Robotics</i> , 2019, 8, 59.	2.1	87
38	Acoustic Enhancement of a Modern Church. <i>Buildings</i> , 2019, 9, 83.	1.4	16
39	Wind Turbine Noise Prediction Using Random Forest Regression. <i>Machines</i> , 2019, 7, 69.	1.2	40
40	Heating, Ventilation, and Air Conditioning (HVAC) Noise Detection in Open-Plan Offices Using Recursive Partitioning. <i>Buildings</i> , 2018, 8, 169.	1.4	31
41	Acoustic, Visual and Spatial Indicators for the Description of the Soundscape of Waterfront Areas with and without Road Traffic Flow. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 934.	1.2	27
42	Modelling the soundscape quality of urban waterfronts by artificial neural networks. <i>Applied Acoustics</i> , 2016, 111, 121-128.	1.7	52
43	Assessment of noise exposure for basketball sports referees. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 464-475.	0.4	4
44	Recycled Materials for Sound Absorbing Applications. <i>Materials Science Forum</i> , 0, 1034, 169-175.	0.3	3
45	Characterization and Modeling of Corn Stalk Fibers tied with Clay using Support Vector Regression Algorithms. <i>Journal of Natural Fibers</i> , 0, , 1-16.	1.7	11
46	How a quartet of theatres plays under an acoustic perspective: A comparison between horseshoe shaped plans in Campania. <i>Building Acoustics</i> , 0, , 1351010X2210807.	1.1	1