

Dario D'orazio

List of Publications by Year in descending order

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29
all docs

29
docs citations

29
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of acoustic treatments and PA redesign by means of student activity and speech levels. Applied Acoustics, 2022, 194, 108783.	1.7	8
2	Feasibility of a finite-difference time-domain model in large-scale acoustic simulations. Journal of the Acoustical Society of America, 2022, 152, 330-341.	0.5	5
3	A Trial Acoustic Improvement in a Lecture Hall with MPP Sound Absorbers and FDTD Acoustic Simulations. Applied Sciences (Switzerland), 2021, 11, 2445.	1.3	13
4	Unsupervised analysis of background noise sources in active offices. Journal of the Acoustical Society of America, 2021, 149, 4049-4060.	0.5	12
5	Rediscovering the Acoustics of a XII-Century Rotunda through FDTD Simulation. , 2021, , .		2
6	Acoustic comfort in highly attended museums: A dynamical model. Building and Environment, 2020, 183, 107176.	3.0	12
7	Enhancing the strength of symphonic orchestra in an opera house. Applied Acoustics, 2020, 170, 107532.	1.7	3
8	Italian-Style Opera Houses: A Historical Review. Applied Sciences (Switzerland), 2020, 10, 4613.	1.3	5
9	Measuring the speech level and the student activity in lecture halls: Visual- vs blind-segmentation methods. Applied Acoustics, 2020, 169, 107448.	1.7	12
10	Anechoic recordings of Italian opera played by orchestra, choir, and soloists. Journal of the Acoustical Society of America, 2020, 147, EL157-EL163.	0.5	6
11	Understanding the acoustics of St. John's Baptistery in Pisa through a virtual approach. Journal of Building Performance Simulation, 2020, 13, 320-333.	1.0	10
12	Towards more reliable measurements of sound absorption coefficient in reverberation rooms: An Inter-Laboratory Test. Applied Acoustics, 2020, 165, 107298.	1.7	16
13	A virtual orchestra to qualify the acoustics of historical opera houses. Building Acoustics, 2020, 27, 235-252.	1.1	4
14	Acoustic comfort in a worship space made of cross-laminated timber. Building Acoustics, 2019, 26, 121-138.	1.1	4
15	The Proscenium of Opera Houses as a Disappeared Intangible Heritage: A Virtual Reconstruction of the 1840s Original Design of the Alighieri Theatre in Ravenna. Acoustics, 2019, 1, 694-710.	0.8	8
16	Towards Italian Opera Houses: A Review of Acoustic Design in Pre-Sabine Scholars. Acoustics, 2019, 1, 252-280.	0.8	13
17	The aesthetics of the Bayreuth Festspielhaus explained by means of acoustic measurements and simulations. Journal of Cultural Heritage, 2018, 34, 151-158.	1.5	16
18	Energy Retrofitting Strategies and Economic Assessments: The Case Study of a Residential Complex Using Utility Bills. Energies, 2018, 11, 2055.	1.6	17

#	ARTICLE	IF	CITATIONS
19	Comparison of different in situ measurements techniques of intelligibility in an open-plan office. <i>Building Acoustics</i> , 2018, 25, 111-122.	1.1	8
20	The autocorrelation-based analysis as a tool of sound perception in a reverberant field. <i>Rivista Di Estetica</i> , 2017, , 133-147.	0.1	9
21	Recordings of Italian opera orchestra and soloists in a silent room. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	8
22	Sound energy distribution in Italian opera houses. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	10
23	Impulse Responses Measured with MLS or Swept-Sine Signals Applied to Architectural Acoustics: An In-depth Analysis of the Two Methods and Some Case Studies of Measurements Inside Theaters. <i>Energy Procedia</i> , 2015, 78, 1611-1616.	1.8	28
24	Extraction of the envelope from impulse responses using pre-processed energy detection for early decay estimation. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 2513-2523.	0.5	11
25	Acoustic measurements in eleven Italian opera houses: Correlations between room criteria and considerations on the local evolution of a typology. <i>Building and Environment</i> , 2015, 94, 900-912.	3.0	22
26	A comparison of methods to compute the "effective duration" of the autocorrelation function and an alternative proposal. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 1954-1961.	0.5	12
27	Predicting Speech Intelligibility In University Classrooms Using Geometrical Acoustic Simulations. , 0, , .		0