

# Dario D'orazio

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

276  
citations

932766

10  
h-index

996533

15  
g-index

29  
all docs

29  
docs citations

29  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Energy Retrofitting Strategies and Economic Assessments: The Case Study of a Residential Complex Using Utility Bills. <i>Energies</i> , 2018, 11, 2055.	1.6	17
4	The aesthetics of the Bayreuth Festspielhaus explained by means of acoustic measurements and simulations. <i>Journal of Cultural Heritage</i> , 2018, 34, 151-158.	1.5	16
5	Towards more reliable measurements of sound absorption coefficient in reverberation rooms: An Inter-Laboratory Test. <i>Applied Acoustics</i> , 2020, 165, 107298.	1.7	16
6	Towards Italian Opera Houses: A Review of Acoustic Design in Pre-Sabine Scholars. <i>Acoustics</i> , 2019, 1, 252-280.	0.8	13
7	A Trial Acoustic Improvement in a Lecture Hall with MPP Sound Absorbers and FDTD Acoustic Simulations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2445.	1.3	13
8	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
9	Acoustic comfort in highly attended museums: A dynamical model. <i>Building and Environment</i> , 2020, 183, 107176.	3.0	12
10	Measuring the speech level and the student activity in lecture halls: Visual- vs blind-segmentation methods. <i>Applied Acoustics</i> , 2020, 169, 107448.	1.7	12
11	Unsupervised analysis of background noise sources in active offices. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 4049-4060.	0.5	12
12	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
13	Understanding the acoustics of St. John's Baptistery in Pisa through a virtual approach. <i>Journal of Building Performance Simulation</i> , 2020, 13, 320-333.	1.0	10
14	Sound energy distribution in Italian opera houses. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	10
15	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
16	Recordings of Italian opera orchestra and soloists in a silent room. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	8
17	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
18	The Proscenium of Opera Houses as a Disappeared Intangible Heritage: A Virtual Reconstruction of the 1840s Original Design of the Alighieri Theatre in Ravenna. <i>Acoustics</i> , 2019, 1, 694-710.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Effectiveness of acoustic treatments and PA redesign by means of student activity and speech levels. Applied Acoustics, 2022, 194, 108783.	1.7	8
20	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
21	Italian-Style Opera Houses: A Historical Review. Applied Sciences (Switzerland), 2020, 10, 4613.	1.3	5
22	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
23	Acoustic comfort in a worship space made of cross-laminated timber. Building Acoustics, 2019, 26, 121-138.	1.1	4
24	A virtual orchestra to qualify the acoustics of historical opera houses. Building Acoustics, 2020, 27, 235-252.	1.1	4
25	Enhancing the strength of symphonic orchestra in an opera house. Applied Acoustics, 2020, 170, 107532.	1.7	3
26	Rediscovering the Acoustics of a XII-Century Rotunda through FDTD Simulation. , 2021, , .		2
27	Predicting Speech Intelligibility In University Classrooms Using Geometrical Acoustic Simulations. , 0, , .		0