

# Angelo Farina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3617138/publications.pdf>

Version: 2024-02-01

29  
papers

472  
citations

933447

10  
h-index

713466

21  
g-index

33  
all docs

33  
docs citations

33  
times ranked

350  
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ behavioural responses to boat noise exposure of <i>Gobius cruentatus</i> (Gmelin, 1789; fam.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Journal of Experimental Marine Biology and Ecology, 2010, 386, 125-132.	1.5	118
2	Acoustic quality of theatres: correlations between experimental measures and subjective evaluations. Applied Acoustics, 2001, 62, 889-916.	3.3	51
3	3D Sound Characterisation in Theatres Employing Microphone Arrays. Acta Acustica United With Acustica, 2013, 99, 118-125.	0.8	49
4	ACOUSTIC MEASUREMENTS IN OPERA HOUSES: COMPARISON BETWEEN DIFFERENT TECHNIQUES AND EQUIPMENT. Journal of Sound and Vibration, 2000, 232, 213-229.	3.9	28
5	Measurements and reproduction of spatial sound characteristics of auditoria. Acoustical Science and Technology, 2005, 26, 193-199.	0.5	25
6	Acoustic characterisation of "virtual" musical instruments: Using MLS technique on ancient violins*. Journal of New Music Research, 1998, 27, 359-379.	0.8	22
7	Real-time partitioned convolution for Ambiophonics surround sound. , 0, , .		20
8	Validation of the pyramid tracing algorithm for sound propagation outdoors: comparison with experimental measurements and with the ISO "DIS 9613 standards. Advances in Engineering Software, 2000, 31, 241-250.	3.8	19
9	Applications of Spatially Localized Active-Intensity Vectors for Sound-Field visualization. AES: Journal of the Audio Engineering Society, 2019, 67, 840-854.	1.0	17
10	Echoing landscapes: Echolocation and the placement of rock art in the Central Mediterranean. Journal of Archaeological Science, 2017, 83, 12-25.	2.4	16
11	The Past Has Ears (PHE): XR Explorations of Acoustic Spaces as Cultural Heritage. Lecture Notes in Computer Science, 2020, , 91-98.	1.3	15
12	Metrics for Evaluating the Spatial Accuracy of Microphone Arrays. , 2021, , .		10
13	Low Frequency Simulations for Ambisonics Auralization of a Car Sound System. , 2021, , .		9
14	Implementation of real-time partitioned convolution on a DSP board. , 0, , .		8
15	Measurement of Loudspeakers with a Laser Doppler Vibrometer and the Exponential Sine Sweep Excitation Technique. AES: Journal of the Audio Engineering Society, 2017, 65, 600-612.	1.0	8
16	Exploring cultural heritage through acoustic digital reconstructions. Physics Today, 2020, 73, 32-37.	0.3	7
17	Geometrical Acoustics Simulations for Ambisonics Auralization of a Car Sound System at High Frequency. , 2021, , .		7
18	Reliability of scale-model researches: a concert hall case. Applied Acoustics, 1990, 30, 1-13.	3.3	6

#	ARTICLE	IF	CITATIONS
19	Transducer Arrays Over A <sup>2</sup> B Networks in Industrial and Automotive Applications: Clock Propagation Measurements. IEEE Access, 2021, 9, 118232-118241.	4.2	6
20	An Innovative Architecture of Full-Digital Microphone Arrays Over A <sup>2</sup> B Network for Consumer Electronics. IEEE Transactions on Consumer Electronics, 2022, 68, 200-208.	3.6	6
21	Application of laser vibrometer for the study of loudspeaker dynamics. Materials Today: Proceedings, 2017, 4, 5773-5778.	1.8	5
22	Non-linear digital audio processor for dedicated loudspeaker systems. IEEE Transactions on Consumer Electronics, 1998, 44, 1024-1031.	3.6	4
23	Car cockpit equalization by warping filters. IEEE Transactions on Consumer Electronics, 2001, 47, 108-116.	3.6	3
24	Experimental Acoustic Evaluation of an Auditorium. Advances in Acoustics and Vibration, 2012, 2012, 1-8.	0.5	3
25	On the effects of pre-processing of impulse responses in the evaluation of acoustic parameters on room acoustics. Proceedings of Meetings on Acoustics, 2013, , .	0.3	3
26	First Description of the Sound Pressure and Particle Velocity Components of the Ambient Noise and Boat Noise Recorded at the WWF-Miramare Natural Marine Reserve, Trieste, Italy. Advances in Experimental Medicine and Biology, 2012, 730, 485-488.	1.6	1
27	Comparison Failure and Successful Methodologies for Diffusion Measurements Undertaken inside Two Different Testing Rooms. Applied Sciences (Switzerland), 2021, 11, 10523.	2.5	1
28	Experimental validation of warping filters inside car cockpits. , 0, , .		0
29	Analytical and Numerical Models of the Sound Radiated by Fully Clamped Rectangular Vibrating Plates. , 0, , .		0