Angelo Farina

List of Publications by Year
in descending order

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	An Innovative Architecture of Full-Digital Microphone Arrays Over AÂ²B Network for Consumer Electronics. IEEE Transactions on Consumer Electronics, 2022, 68, 200-208.	3.6	6
2	Transducer Arrays Over AÂ²B Networks in Industrial and Automotive Applications: Clock Propagation Measurements. IEEE Access, 2021, 9, 118232-118241.	4.2	6
3	Geometrical Acoustics Simulations for Ambisonics Auralization of a Car Sound System at High Frequency. , 2021, , .		7
4	Low Frequency Simulations for Ambisonics Auralization of a Car Sound System. , 2021, , .		9
5	Metrics for Evaluating the Spatial Accuracy of Microphone Arrays. , 2021, , .		10
6	Comparison Failure and Successful Methodologies for Diffusion Measurements Undertaken inside Two Different Testing Rooms. Applied Sciences (Switzerland), 2021, 11, 10523.	2.5	1
7	The Past Has Ears (PHE): XR Explorations of Acoustic Spaces as Cultural Heritage. Lecture Notes in Computer Science, 2020, , 91-98.	1.3	15
8	Exploring cultural heritage through acoustic digital reconstructions. Physics Today, 2020, 73, 32-37.	0.3	7
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	Application of laser vibrometer for the study of loudspeaker dynamics. Materials Today: Proceedings, 2017, 4, 5773-5778.	1.8	5
12	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
13	3D Sound Characterisation in Theatres Employing Microphone Arrays. Acta Acustica United With Acustica, 2013, 99, 118-125.	0.8	49
14	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
15	Experimental Acoustic Evaluation of an Auditorium. Advances in Acoustics and Vibration, 2012, 2012, 1-8.	0.5	3
16	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
17	In situ behavioural responses to boat noise exposure of Gobius cruentatus (Gmelin, 1789; fam.) Tj ETQq1 1 0.784314 rgBT /Overlock Journal of Experimental Marine Biology and Ecology, 2010, 386, 125-132.	1.5	118
18	Measurements and reproduction of spatial sound characteristics of auditoria. Acoustical Science and Technology, 2005, 26, 193-199.	0.5	25

#	Article	IF	Citations
19	Car cockpit equalization by warping filters. IEEE Transactions on Consumer Electronics, 2001, 47, 108-116.	3.6	3
20	Acoustic quality of theatres: correlations between experimental measures and subjective evaluations. Applied Acoustics, 2001, 62, 889-916.	3.3	51
21	ACOUSTIC MEASUREMENTS IN OPERA HOUSES: COMPARISON BETWEEN DIFFERENT TECHNIQUES AND EQUIPMENT. Journal of Sound and Vibration, 2000, 232, 213-229.	3.9	28
22	Validation of the pyramid tracing algorithm for sound propagation outdoors: comparison with experimental measurements and with the ISOâ€"DIS 9613 standards. Advances in Engineering Software, 2000, 31, 241-250.	3.8	19
23	Non-linear digital audio processor for dedicated loudspeaker systems. IEEE Transactions on Consumer Electronics, 1998, 44, 1024-1031.	3.6	4
24	Acoustic characterisation of â€œvirtualâ€•musical instruments: Using MLS technique on ancient violins*. Journal of New Music Research, 1998, 27, 359-379.	0.8	22
25	Reliability of scale-model researches: a concert hall case. Applied Acoustics, 1990, 30, 1-13.	3.3	6
26	Experimental validation of warping filters inside car cockpits. , 0, , .		0
27	Real-time partitioned convolution for Ambiophonics surround sound. , 0, , .		20
28	Implementation of real-time partitioned convolution on a DSP board. , 0, , .		8
29	Analytical and Numerical Models of the Sound Radiated by Fully Clamped Rectangular Vibrating Plates. , 0, , .		0