

# Filippo Maria Fazi

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

165  
citations

1307594

7  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

124  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and control of multi-zone sound field reproduction using modal-domain approach. Journal of the Acoustical Society of America, 2016, 140, 2134-2144.	1.1	50
2	An Audio-Visual System for Object-Based Audio: From Recording to Listening. IEEE Transactions on Multimedia, 2018, 20, 1919-1931.	7.2	22
3	Dynamic Audio Reproduction with Linear Loudspeaker Arrays. AES: Journal of the Audio Engineering Society, 2019, 67, 190-200.	1.0	17
4	Comparison of Strategies for Accurate Reproduction of a Target Signal with Compact Arrays of Loudspeakers for the Generation of Zones of Private Sound and Silence. AES: Journal of the Audio Engineering Society, 2016, 64, 905-917.	1.0	11
5	Sound field reproduction as an equivalent acoustical scattering problem. Journal of the Acoustical Society of America, 2013, 134, 3721-3729.	1.1	9
6	Theoretical and experimental comparative analysis of beamforming methods for loudspeaker arrays under given performance constraints. Journal of Sound and Vibration, 2016, 373, 302-324.	3.9	8
7	Low-Complexity, Listener's Position-Adaptive Binaural Reproduction Over a Loudspeaker Array. Acta Acustica United With Acustica, 2017, 103, 847-857.	0.8	7
8	Acoustic source localization with microphone arrays for remote noise monitoring in an Intensive Care Unit. Applied Acoustics, 2018, 139, 93-100.	3.3	7
9	A modal analysis of multichannel crosstalk cancellation systems and their relationship to amplitude panning. Journal of Sound and Vibration, 2021, 490, 115743.	3.9	6
10	Low Frequency Interactive Auralization Based on a Plane Wave Expansion. Applied Sciences (Switzerland), 2017, 7, 558.	2.5	5
11	A general radiation model for sound fields and nearfield acoustical holography in wedge propagation spaces. Journal of the Acoustical Society of America, 2017, 142, 1249-1260.	1.1	4
12	Sparse $\ell_1$ -Optimal Multiloudspeaker Panning and Its Relation to Vector Base Amplitude Panning. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 996-1010.	5.8	3
13	An analytical model for wedge-shaped acoustic arrays. Journal of Sound and Vibration, 2019, 439, 56-76.	3.9	3
14	A Multiple Listener Crosstalk Cancellation System Using Loudspeaker-Dependent Regularization. AES: Journal of the Audio Engineering Society, 2021, 69, 191-203.	1.0	3
15	Ideal focusing and optimally-conditioned systems in sound field control with loudspeaker arrays. Journal of Sound and Vibration, 2021, 509, 116218.	3.9	3
16	Object-Based Audio Reproduction using a Listener-Position Adaptive Stereo System. AES: Journal of the Audio Engineering Society, 2016, 64, 740-751.	1.0	2
17	Weighted Orthogonal Vector Rejection Method for Loudspeaker-Based Binaural Audio Reproduction. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1844-1852.	5.8	2
18	Sound Field Reproduction With a Cylindrical Loudspeaker Array Using First Order Wall Reflections. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3617-3630.	5.8	2

#	ARTICLE	IF	CITATIONS
19	Ambisonic Decoding for Compensated Amplitude Panning. IEEE Signal Processing Letters, 2019, 26, 470-474.	3.6	1
20	The Staircase Drive – A Novel Actuator Design Optimised for Daisy-Chaining and Minimum Stress Load Coupling. Sensors, 2021, 21, 7740.	3.8	0