

Filippo Maria Fazi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9158288/publications.pdf>

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	A modal analysis of multichannel crosstalk cancellation systems and their relationship to amplitude panning. <i>Journal of Sound and Vibration</i> , 2021, 490, 115743.	3.9	6
2	Weighted Orthogonal Vector Rejection Method for Loudspeaker-Based Binaural Audio Reproduction. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 1844-1852.	5.8	2
3	A Multiple Listener Crosstalk Cancellation System Using Loudspeaker-Dependent Regularization. <i>AES: Journal of the Audio Engineering Society</i> , 2021, 69, 191-203.	1.0	3
4	Ideal focusing and optimally-conditioned systems in sound field control with loudspeaker arrays. <i>Journal of Sound and Vibration</i> , 2021, 509, 116218.	3.9	3
5	Sound Field Reproduction With a Cylindrical Loudspeaker Array Using First Order Wall Reflections. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 3617-3630.	5.8	2
6	The Staircase Drive—A Novel Actuator Design Optimised for Daisy-Chaining and Minimum Stress Load Coupling. <i>Sensors</i> , 2021, 21, 7740.	3.8	0
7	Ambisonic Decoding for Compensated Amplitude Panning. <i>IEEE Signal Processing Letters</i> , 2019, 26, 470-474.	3.6	1
8	Dynamic Audio Reproduction with Linear Loudspeaker Arrays. <i>AES: Journal of the Audio Engineering Society</i> , 2019, 67, 190-200.	1.0	17
9	An analytical model for wedge-shaped acoustic arrays. <i>Journal of Sound and Vibration</i> , 2019, 439, 56-76.	3.9	3
10	An Audio-Visual System for Object-Based Audio: From Recording to Listening. <i>IEEE Transactions on Multimedia</i> , 2018, 20, 1919-1931.	7.2	22
11	Acoustic source localization with microphone arrays for remote noise monitoring in an Intensive Care Unit. <i>Applied Acoustics</i> , 2018, 139, 93-100.	3.3	7
12	Sparse ℓ_{1} -Optimal Multiloudspeaker Panning and Its Relation to Vector Base Amplitude Panning. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2017, 25, 996-1010.	5.8	3
13	A general radiation model for sound fields and nearfield acoustical holography in wedge propagation spaces. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 1249-1260.	1.1	4
14	Low Frequency Interactive Auralization Based on a Plane Wave Expansion. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 558.	2.5	5
15	Low-Complexity, Listener's Position-Adaptive Binaural Reproduction Over a Loudspeaker Array. <i>Acta Acustica United With Acustica</i> , 2017, 103, 847-857.	0.8	7
16	Object-Based Audio Reproduction using a Listener-Position Adaptive Stereo System. <i>AES: Journal of the Audio Engineering Society</i> , 2016, 64, 740-751.	1.0	2
17	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. <i>AES: Journal of the Audio Engineering Society</i> , 2016, 64, 905-917.	1.0	11
18	Analysis and control of multi-zone sound field reproduction using modal-domain approach. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2134-2144.	1.1	50

#	ARTICLE	IF	CITATIONS
19	Theoretical and experimental comparative analysis of beamforming methods for loudspeaker arrays under given performance constraints. <i>Journal of Sound and Vibration</i> , 2016, 373, 302-324.	3.9	8
20	Sound field reproduction as an equivalent acoustical scattering problem. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 3721-3729.	1.1	9