

David Lou Alon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10966178/publications.pdf>

Version: 2024-02-01

11
papers

104
citations

1684188

5
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Loudness stability of binaural sound with spherical harmonic representation of sparse head-related transfer functions. <i>Eurasip Journal on Audio, Speech, and Music Processing</i> , 2019, 2019, .	2.1	23
2	Beamforming with Optimal Aliasing Cancellation in Spherical Microphone Arrays. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2016, 24, 196-210.	5.8	20
3	Efficient Representation and Sparse Sampling of Head-Related Transfer Functions Using Phase-Correction Based on Ear Alignment. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2019, 27, 2249-2262.	5.8	15
4	Binaural Reproduction Based on Bilateral Ambisonics and Ear-Aligned HRTFs. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 901-913.	5.8	14
5	Spherical harmonic decomposition of a sound field based on observations along the equator of a rigid spherical scatterer. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 805-815.	1.1	7
6	A Head-Mounted Microphone Array for Binaural Rendering. , 2021, , .		6
7	Spherical microphone array with optimal aliasing cancellation. , 2012, , .		4
8	Spherical Harmonic Decomposition of a Sound Field Based on Microphones Around the Circumference of a Human Head. , 2021, , .		4
9	Enabling Head-Tracking for Binaural Sound Reproduction Based on Bilateral Ambisonics. , 2021, , .		3
10	Sparse Representation of Hrtfs by Ear Alignment. , 2019, , .		2
11	Effects of Additive Noise in Binaural Rendering of Spherical Microphone Array Signals. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 3642-3653.	5.8	0