

David Lou Alon

List of Publications by Year in descending order

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