

Alastair H Moore

List of Publications by Year in descending order

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35
papers

429
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1307594

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1281871

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g-index

35
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35
docs citations

35
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	A Compact Noise Covariance Matrix Model for MVDR Beamforming. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 2049-2061.	5.8	2
2	Speech Enhancement Based on Modulation-Domain Parametric Multichannel Kalman Filtering. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 393-405.	5.8	3
3	Narrowband multi-source direction-of-arrival estimation in the spherical harmonic domain. Journal of the Acoustical Society of America, 2021, 149, 2292-2303.	1.1	0
4	Overlapping Speaker Segmentation Using Multiple Hypothesis Tracking of Fundamental Frequency. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1479-1490.	5.8	2
5	Model-based Beamforming for Wearable Microphone Arrays. , 2021, , .		4
6	Personalized signal-independent beamforming for binaural hearing aids. Journal of the Acoustical Society of America, 2019, 145, 2971-2981.	1.1	17
7	Spatial consistency for multiple source direction-of-arrival estimation and source counting. Journal of the Acoustical Society of America, 2019, 146, 4592-4603.	1.1	6
8	Noise Covariance Matrix Estimation for Rotating Microphone Arrays. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 519-530.	5.8	7
9	Binaural Mask-Informed Speech Enhancement for Hearing AIDS with Head Tracking. , 2018, , .		9
10	Acoustic Analysis and Assessment of the Knee in Osteoarthritis During Walking. , 2018, , .		1
11	Multichannel Kalman Filtering for Speech Enhancement. , 2018, , .		1
12	Robust Source Counting and Acoustic DOA Estimation using Density-Based Clustering. , 2018, , .		1
13	Modulation-Domain Parametric Multichannel Kalman Filtering for Speech Enhancement. , 2018, , .		3
14	Modulation-Domain Multichannel Kalman Filtering for Speech Enhancement. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1833-1847.	5.8	13
15	Speech enhancement for robust automatic speech recognition: Evaluation using a baseline system and instrumental measures. Computer Speech and Language, 2017, 46, 574-584.	4.3	24
16	Multi-source estimation consistency for improved multiple direction-of-arrival estimation. , 2017, , .		5
17	Augmented Intensity Vectors for Direction of Arrival Estimation in the Spherical Harmonic Domain. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1956-1968.	5.8	33
18	A dynamic programming approach for automatic stride detection and segmentation in acoustic emission from the knee. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Multiple source localization using Estimation Consistency in the Time-Frequency domain. , 2017, , .		13
20	Direction of Arrival Estimation in the Spherical Harmonic Domain Using Subspace Pseudointensity Vectors. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 178-192.	5.8	62
21	Robust spherical harmonic domain interpolation of spatially sampled array manifolds. , 2017, , .		1
22	Multiple DOA estimation based on estimation consistency and spherical harmonic multiple signal classification. , 2017, , .		4
23	Estimation of Room Acoustic Parameters: The ACE Challenge. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1681-1693.	5.8	89
24	2D direction of arrival estimation of multiple moving sources using a spherical microphone array. , 2016, , .		4
25	Localization of moving microphone arrays from moving sound sources for robot audition. , 2016, , .		6
26	Multiple source localization in the spherical harmonic domain using augmented intensity vectors based on grid search. , 2016, , .		10
27	3D acoustic source localization in the spherical harmonic domain based on optimized grid search. , 2016, , .		15
28	Acoustic simultaneous localization and mapping (A-SLAM) of a moving microphone array and its surrounding speakers. , 2016, , .		24
29	Spherical harmonic rake receivers for dereverberation. , 2016, , .		5
30	Linear prediction based dereverberation for spherical microphone arrays. , 2016, , .		4
31	Bearing-only acoustic tracking of moving speakers for robot audition. , 2015, , .		16
32	Multichannel equalisation for high-order spherical microphone arrays using beamformed channels. , 2015, , .		1
33	Direct-to-Reverberant Ratio estimation using a null-steered beamformer. , 2015, , .		8
34	Multiple source localisation in the spherical harmonic domain. , 2014, , .		27
35	Roomprints for forensic audio applications. , 2013, , .		8