

Meng Guo

List of Publications by Year in descending order

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24
papers

212
citations

1478505

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24
docs citations

24
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Acoustic Feedback Cancellation Approaches in Hearing Aid Applications Using Probe Noise and Probe Noise Enhancement. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 2549-2563.	3.2	88
2	Analysis of Acoustic Feedback/Echo Cancellation in Multiple-Microphone and Single-Loudspeaker Systems Using a Power Transfer Function Method. IEEE Transactions on Signal Processing, 2011, 59, 5774-5788.	5.3	30
3	On Acoustic Feedback Cancellation Using Probe Noise in Multiple-Microphone and Single-Loudspeaker Systems. IEEE Signal Processing Letters, 2012, 19, 283-286.	3.6	20
4	Asymmetric Coding for Rate-Constrained Noise Reduction in Binaural Hearing Aids. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 154-167.	5.8	9
5	Spatially Correct Rate-Constrained Noise Reduction for Binaural Hearing Aids in Wireless Acoustic Sensor Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2731-2742.	5.8	8
6	On the periodically time-varying bias in adaptive feedback cancellation systems with frequency shifting. , 2016, , .		7
7	Binaural beamforming using pre-determined relative acoustic transfer functions. , 2017, , .		7
8	Binaural speech enhancement with spatial cue preservation utilising simultaneous masking. , 2017, , .		7
9	Analysis of adaptive feedback and echo cancelation algorithms in a general multiple-microphone and single-loudspeaker system. , 2011, , .		6
10	Rate-Constrained Noise Reduction in Wireless Acoustic Sensor Networks. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1-12.	5.8	6
11	Obtaining Narrow Transition Region in STFT Domain Processing Using Subband Filters. , 2019, , .		5
12	An improved probe noise approach for acoustic feedback cancellation. , 2012, , .		4
13	Analysis of closed-loop acoustic feedback cancellation systems. , 2013, , .		3
14	Operational Rate-Constrained Beamforming in Binaural Hearing Aids. , 2018, , .		2
15	Extension and Evaluation of a Spectro-Temporal Modulation Method to Improve Acoustic Feedback Performance in Hearing Aids. , 2018, , .		2
16	A Novel Binaural Beamforming Scheme with Low Complexity Minimizing Binaural-cue Distortions. , 2019, , .		2
17	An Empirical Study on Acoustic Feedback Path Across Hearing Aid Users. , 2020, , .		2
18	Acoustic feedback and echo cancellation strategies for multiple-microphone and single-loudspeaker systems. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	On the use of spectro-temporal modulation in assisting adaptive feedback cancellation for hearing aid applications. , 2017, , .		1
20	Evaluation of Binaural Noise Reduction Methods in Terms of Intelligibility and Perceived Localization. , 2018, , .		1
21	Hearing aids: recommendations, developments and practicalities. Journal of Otolaryngology-ENT Research, 2019, 11, 253-259.	0.1	1
22	A simple modification to facilitate robust generalized sidelobe canceller for hearing aids. , 2015, , .		0
23	Intrusive howling detection methods for hearing aid evaluations. , 2016, , .		0
24	A Method for Determining Periodically Time-Varying Bias and Its Applications in Acoustic Feedback Cancellation. , 2021, , .		0