

# Jalal Taghia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8465162/publications.pdf>

Version: 2024-02-01

8  
papers

114  
citations

2682572

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2550090

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8  
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docs citations

8  
times ranked

95  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of noise power spectral density estimation algorithms in adverse acoustic environments. , 2011, , .		42
2	Objective Intelligibility Measures Based on Mutual Information for Speech Subjected to Speech Enhancement Processing. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 6-16.	5.8	40
3	A Frequency-Domain Adaptive Line Enhancer With Step-Size Control Based on Mutual Information for Harmonic Noise Reduction. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1140-1154.	5.8	18
4	Dual-channel noise reduction based on a mixture of circular-symmetric complex Gaussians on unit hypersphere. , 2013, , .		8
5	A negentropy based adaptive line enhancer for single-channel noise reduction at low SNR conditions. , 2014, , .		3
6	Improved single-channel nonstationary noise tracking by an optimized MAP-based postprocessor. , 2013, , .		2
7	First-Order Recursive Smoothing of Short-Time Power Spectra in the Presence of Interference. IEEE Signal Processing Letters, 2022, 29, 239-243.	3.6	1
8	ALE for robots! A single-channel approach to robot self-noise cancellation. , 2016, , .		0