Nobutaka Ito

List of Publications by Year
in descending order

10 papers	324 citations	1684188 5 h-index	2053705 5 g-index
10 all docs	10 docs citations	10 times ranked	207 citing authors

#	Article	IF	Citations
1	The 2016 Signal Separation Evaluation Campaign. Lecture Notes in Computer Science, 2017, , 323-332.	1.3	81
2	Online MVDR Beamformer Based on Complex Gaussian Mixture Model With Spatial Prior for Noise Robust ASR. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 780-793.	5.8	79
3	Complex angular central Gaussian mixture model for directional statistics in mask-based microphone array signal processing. , 2016, , .		55
4	FastMNMF: Joint Diagonalization Based Accelerated Algorithms for Multichannel Nonnegative Matrix Factorization. , 2019, , .		32
5	A Joint Diagonalization Based Efficient Approach to Underdetermined Blind Audio Source Separation Using the Multichannel Wiener Filter. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 1950-1965.	5.8	20
6	A Multi-Target Track-Before-Detect Particle Filter Using Superpositional Data in Non-Gaussian Noise. IEEE Signal Processing Letters, 2020, 27, 1075-1079.	3.6	16
7	Diffuse Noise Suppression Using Crystal-Shaped Microphone Arrays. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 2101-2110.	3.2	15
8	Fastfca-As: Joint Diagonalization Based Acceleration of Full-Rank Spatial Covariance Analysis for Separating any Number of Sources. , 2018, , .		13
9	FastFCA: Joint Diagonalization Based Acceleration of Audio Source Separation Using a Full-Rank Spatial Covariance Model. , 2018, , .		8
10	MULTIPLICATIVE UPDATES AND JOINT DIAGONALIZATION BASED ACCELERATION FOR UNDER-DETERMINED BSS USING A FULL-RANK SPATIAL COVARIANCE MODEL. , 2018, , .		5