

Yoichi Haneda

List of Publications by Year in descending order

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26
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citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Approach to Wave Field Reconstruction Filtering in Spatio-Temporal Frequency Domain. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 685-696.	3.2	62
2	Underdetermined Sound Source Separation Using Power Spectrum Density Estimated by Combination of Directivity Gain. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 1240-1250.	3.2	51
3	DNN-Based Source Enhancement to Increase Objective Sound Quality Assessment Score. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1780-1792.	5.8	42
4	DNN-based source enhancement self-optimized by reinforcement learning using sound quality measurements. , 2017, , .		33
5	Wave Field Reconstruction Filtering in Cylindrical Harmonic Domain for With-Height Recording and Reproduction. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 1546-1557.	5.8	29
6	A Hands-Free Unit with Noise Reduction by Using Adaptive Beamformer. IEEE Transactions on Consumer Electronics, 2008, 54, 116-122.	3.6	15
7	Angular region-wise speech enhancement for hands-free speakerphone. IEEE Transactions on Consumer Electronics, 2012, 58, 1403-1410.	3.6	15
8	Double-talk robust acoustic echo cancellation for CD-quality hands-free videoconferencing system. IEEE Transactions on Consumer Electronics, 2014, 60, 468-475.	3.6	12
9	Diffused Sensing for Sharp Directive Beamforming. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 2346-2355.	3.2	11
10	Real-Time Sound Field Transmission System by Using Wave Field Reconstruction Filter and Its Evaluation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 1840-1848.	0.3	8
11	Source-Location-Informed Sound Field Recording and Reproduction. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 881-894.	10.8	5
12	Direction-of-arrival estimation based on joint diagonalization of matrices in different direct-to-reverberation ratios. , 2016, , .		3
13	Sidelobe suppression by desired directivity pattern optimization for a small circular loudspeaker array. Acoustical Science and Technology, 2018, 39, 243-251.	0.5	3
14	Music Algorithm Based on Temporal DRR and Rayleigh Quotient for Reverberant Environments. , 2018, , .		2
15	Sound field simulation for circular array based on spatial circular convolution. Acoustical Science and Technology, 2014, 35, 99-107.	0.5	2
16	Wiener solution considering cross-spectral term between echo and near-end speech for acoustic echo reduction. Acoustical Science and Technology, 2014, 35, 150-158.	0.5	1
17	Directivity control of a finite cylindrical loudspeaker array based on circular harmonics and longitudinal multipole expression. Acoustical Science and Technology, 2019, 40, 93-104.	0.5	1
18	Two-dimensional exterior sound field reproduction using two rigid circular loudspeaker arrays. Journal of the Acoustical Society of America, 2020, 148, 2236-2247.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Adaptive Spectral Masking of AVQ Coding and Sparseness Detection for ITU-T G.711.1 Annex D and G.722 Annex B Standards. IEICE Transactions on Information and Systems, 2014, E97.D, 1264-1272.	0.7	0
20	3D directivity control of a finite cylindrical loudspeaker array with cylindrical harmonics. , 2017, , .		0
21	Directivity Control Using Two Circular Loudspeaker Arrays. Journal of Signal Processing, 2019, 23, 159-162.	0.3	0
22	An Estimation Method of Sound Source Orientation Using Eigenspace Variation of Spatial Correlation Matrix. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 1831-1839.	0.3	0
23	Sharp directive beamforming using microphone array and planar reflector. Acoustical Science and Technology, 2013, 34, 253-262.	0.5	0
24	Audio Signal Processing in Wavenumber Domain. Ieice Ess Fundamentals Review, 2018, 11, 243-255.	0.1	0
25	Discrimination method of direction of arrival estimation correctness based on deep neural network. Acoustical Science and Technology, 2020, 41, 318-321.	0.5	0
26	Two-dimensional sound field reproduction based on Mathieu function expansion. Journal of the Acoustical Society of America, 2022, 152, 416-428.	1.1	0