

Mingjiang Wang

List of Publications by Year in descending order

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papers

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192
citing authors

#	ARTICLE	IF	CITATIONS
1	DeepMMSE: A Deep Learning Approach to MMSE-Based Noise Power Spectral Density Estimation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1404-1415.	5.8	85
2	SmallMitosis: Small Size Mitotic Cells Detection in Breast Histopathology Images. IEEE Access, 2021, 9, 905-922.	4.2	22
3	Speech enhancement for nonstationary noise environments. , 2017, , .		20
4	SA-GAN: Stain Acclimation Generative Adversarial Network for Histopathology Image Analysis. Applied Sciences (Switzerland), 2022, 12, 288.	2.5	19
5	A novel fast nonstationary noise tracking approach based on MMSE spectral power estimator. , 2019, 88, 41-52.		17
6	PhaseDCN: A Phase-Enhanced Dual-Path Dilated Convolutional Network for Single-Channel Speech Enhancement. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 2561-2574.	5.8	16
7	Identification of Auditory Object-Specific Attention from Single-Trial Electroencephalogram Signals via Entropy Measures and Machine Learning. Entropy, 2018, 20, 386.	2.2	15
8	EEG-Based Emotion Recognition by Exploiting Fused Network Entropy Measures of Complex Networks across Subjects. Entropy, 2021, 23, 984.	2.2	14
9	Fast Nonstationary Noise Tracking Based on Log-Spectral Power MMSE Estimator and Temporal Recursive Averaging. IEEE Access, 2019, 7, 80985-80999.	4.2	10
10	Accelerating the Computation of Entropy Measures by Exploiting Vectors with Dissimilarity. Entropy, 2017, 19, 598.	2.2	6
11	Reliability-Based View Synthesis for Free Viewpoint Video. Applied Sciences (Switzerland), 2018, 8, 823.	2.5	6
12	The Effects of Random Stimulation Rate on Measurements of Auditory Brainstem Response. Frontiers in Human Neuroscience, 2020, 14, 78.	2.0	6
13	Entropy-Based Pattern Learning Based on Singular Spectrum Analysis Components for Assessment of Physiological Signals. Complexity, 2020, 2020, 1-17.	1.6	6
14	An improved variable tap-length algorithm with adaptive parameters. , 2018, 74, 111-118.		5
15	Dynamic Working Memory for Context-Aware Response Generation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 1419-1431.	5.8	5
16	Variable Step Size LMS Adaptive Algorithm Based on Exponential Function. , 2019, , .		5
17	A Cache Hardware Design for H.264 Encoder. , 2012, , .		3
18	An improved VSS NLMS algorithm for active noise cancellation. AIP Conference Proceedings, 2017, , .	0.4	3

#	ARTICLE	IF	CITATIONS
19	Event-driven wireless temperature sensor networks powered by air-flow based nanogenerator. , 2017, , .		3
20	Cancer Detection in Breast Histopathology with Convolution Neural Network Based Approach. , 2019, , .		3
21	Design and Implementation of PROFIBUS-DP Intelligent Slave Station Controller. , 2012, , .		2
22	Indoor air quality inspection and analysis system based on gas sensor array. AIP Conference Proceedings, 2017, , .	0.4	2
23	Target Detection Based on Binocular Stereo Vision. , 2017, , .		2
24	A robust speech enhancement method based on microphone array. , 2017, , .		2
25	Transient noise suppression algorithm in speech system. AIP Conference Proceedings, 2017, , .	0.4	2
26	A Lower Extremity Exoskeleton System for Walking Assist. , 2016, , .		1
27	Research on adaptive acoustic echo cancellation algorithm in digital hearing aids. AIP Conference Proceedings, 2017, , .	0.4	1
28	An improved affine projection algorithm for active noise cancellation. AIP Conference Proceedings, 2017, , .	0.4	1
29	Variable Tap-Length NLMS Algorithm with Adaptive Parameter. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 1720-1723.	0.3	1
30	Post-Secondary Filtering Improvement of GSC Beamforming Algorithm. , 2018, , .		1
31	Notice of Removal: Target Detection Based on Binocular Stereo Vision. , 2018, , .		1
32	Robust Small-Footprint Keyword Spotting Using Sequence-To-Sequence Model With Connectionist Temporal Classifier. , 2019, , .		1
33	The effects of different training modes on the performance of silent speech recognition based on high-density sEMG. , 2021, , .		1
34	High-Speed VLSI Implementation of an Improved Parallel Delayed LMS Algorithm. Mobile Networks and Applications, 2022, 27, 1593-1603.	3.3	1
35	A mattress system for human biosignals monitoring. , 2012, , .		0
36	A customizable multi-channel loudness compensation method based on WDRC for digital hearing aids. AIP Conference Proceedings, 2017, , .	0.4	0

#	ARTICLE	IF	CITATIONS
37	Variable Tap-Length Algorithm with Mixed Parameter. Applied Sciences (Switzerland), 2018, 8, 939.	2.5	0
38	Target Speech Signal Enhancement Based on Deep Neural Networks. , 2019, , .		0
39	Probability decision-driven speech enhancement algorithm based on human acoustic perception. IET Signal Processing, 2020, 14, 323-332.	1.5	0
40	A VLSI Implementation of Novel Neural Computing Unit. , 2020, , .		0
41	Large Vocabulary Continuous Speech Recognition with Deep Recurrent Network. , 2020, , .		0
42	Speech Enhancement Model for High Sampling Rate Speech Datasets Based on Multi-branch Time Convolutional Network. , 2021, , .		0