

Mingjiang Wang

List of Publications by Year in descending order

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43
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192
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Speed VLSI Implementation of an Improved Parallel Delayed LMS Algorithm. Mobile Networks and Applications, 2022, 27, 1593-1603.	3.3	1
2	SA-GAN: Stain Acclimation Generative Adversarial Network for Histopathology Image Analysis. Applied Sciences (Switzerland), 2022, 12, 288.	2.5	19
3	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
4	SmallMitosis: Small Size Mitotic Cells Detection in Breast Histopathology Images. IEEE Access, 2021, 9, 905-922.	4.2	22
5	The effects of different training modes on the performance of silent speech recognition based on high-density sEMG. , 2021, , .		1
6	EEG-Based Emotion Recognition by Exploiting Fused Network Entropy Measures of Complex Networks across Subjects. Entropy, 2021, 23, 984.	2.2	14
7	Speech Enhancement Model for High Sampling Rate Speech Datasets Based on Multi-branch Time Convolutional Network. , 2021, , .		0
8	Probability decisionâ€driven speech enhancement algorithm based on human acoustic perception. IET Signal Processing, 2020, 14, 323-332.	1.5	0
9	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
10	The Effects of Random Stimulation Rate on Measurements of Auditory Brainstem Response. Frontiers in Human Neuroscience, 2020, 14, 78.	2.0	6
11	Entropy-Based Pattern Learning Based on Singular Spectrum Analysis Components for Assessment of Physiological Signals. Complexity, 2020, 2020, 1-17.	1.6	6
12	A VLSI Implementation of Novel Neural Computing Unit. , 2020, , .		0
13	Large Vocabulary Continuous Speech Recognition with Deep Recurrent Network. , 2020, , .		0
14	Fast Nonstationary Noise Tracking Based on Log-Spectral Power MMSE Estimator and Temporal Recursive Averaging. IEEE Access, 2019, 7, 80985-80999.	4.2	10
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	A novel fast nonstationary noise tracking approach based on MMSE spectral power estimator. , 2019, 88, 41-52.		17
17	Target Speech Signal Enhancement Based on Deep Neural Networks. , 2019, , .		0
18	Variable Step Size LMS Adaptive Algorithm Based on Exponential Function. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	Robust Small-Footprint Keyword Spotting Using Sequence-To-Sequence Model With Connectionist Temporal Classifier. , 2019, , .		1
20	Cancer Detection in Breast Histopathology with Convolution Neural Network Based Approach. , 2019, , .		3
21	An improved variable tap-length algorithm with adaptive parameters. , 2018, 74, 111-118.		5
22	Post-Secondary Filtering Improvement of GSC Beamforming Algorithm. , 2018, , .		1
23	Notice of Removal: Target Detection Based on Binocular Stereo Vision. , 2018, , .		1
24	Reliability-Based View Synthesis for Free Viewpoint Video. Applied Sciences (Switzerland), 2018, 8, 823.	2.5	6
25	Variable Tap-Length Algorithm with Mixed Parameter. Applied Sciences (Switzerland), 2018, 8, 939.	2.5	0
26	Identification of Auditory Object-Specific Attention from Single-Trial Electroencephalogram Signals via Entropy Measures and Machine Learning. Entropy, 2018, 20, 386.	2.2	15
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	An improved VSS NLMS algorithm for active noise cancellation. AIP Conference Proceedings, 2017, , .	0.4	3
30	Indoor air quality inspection and analysis system based on gas sensor array. AIP Conference Proceedings, 2017, , .	0.4	2
31	A customizable multi-channel loudness compensation method based on WDRC for digital hearing aids. AIP Conference Proceedings, 2017, , .	0.4	0
32	Target Detection Based on Binocular Stereo Vision. , 2017, , .		2
33	Accelerating the Computation of Entropy Measures by Exploiting Vectors with Dissimilarity. Entropy, 2017, 19, 598.	2.2	6
34	Event-driven wireless temperature sensor networks powered by air-flow based nanogenerator. , 2017, , .		3
35	A robust speech enhancement method based on microphone array. , 2017, , .		2
36	Speech enhancement for nonstationary noise environments. , 2017, , .		20

#	ARTICLE	IF	CITATIONS
37	Transient noise suppression algorithm in speech system. AIP Conference Proceedings, 2017, , .	0.4	2
38	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
39	A Lower Extremity Exoskeleton System for Walking Assist. , 2016, , .		1
40	A Cache Hardware Design for H.264 Encoder. , 2012, , .		3
41	A mattress system for human biosignals monitoring. , 2012, , .		0
42	Design and Implementation of PROFIBUS-DP Intelligent Slave Station Controller. , 2012, , .		2