Yegui Xiao

List of Publications by Year
in descending order

29 papers	506 citations	1040056 9 h-index	1281871 11 g-index
29 all docs	29 docs citations	29 times ranked	380 citing authors

#	ARTICLE	IF	CITATIONS
1	tRNA Modifying Enzymes, NSUN2 and METTL1, Determine Sensitivity to 5-Fluorouracil in HeLa Cells. PLoS Genetics, 2014, 10, e1004639.	3.5	111
2	A Variable Step-Size FXLMS Algorithm for Narrowband Active Noise Control. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 301-312.	3.2	95
3	Stochastic Analysis of the FXLMS-Based Narrowband Active Noise Control System. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 1000-1014.	3.2	69
4	Properties of FXLMS-Based Narrowband Active Noise Control With Online Secondary-Path Modeling. IEEE Transactions on Signal Processing, 2009, 57, 2931-2949.	5.3	51
5	A new LMS-based Fourier analyzer in the presence of frequency mismatch and applications. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 230-245.	0.1	27
6	Analysis of Online Secondary-Path Modeling With Auxiliary Noise Scaled by Residual Noise Signal. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1978-1993.	3.2	26
7	A New Strategy for Online Secondary-Path Modeling of Narrowband Active Noise Control. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 420-434.	5.8	24
8	Statistical performance of the memoryless nonlinear gradient algorithm for the constrained adaptive IIR notch filter. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 1691-1702.	0.1	22
9	Foetal ECG extraction using nonâ€linear adaptive noise canceller with multiple primary channels. IET Signal Processing, 2018, 12, 219-227.	1.5	15
10	A Filtered-X RLS Based Narrowband Active Noise Control System in the Presence of Frequency Mismatch. , 0, , .		9
11	A new strategy for auxiliary noise injection in narrowband active noise control. , 2009, , .		7
12	A New Facial Expression Recognition Technique using 2-D DCT and Neural Networks Based Decision Tree. , 2006, , .		6
13	An Efficient Filter Bank Structure for Adaptive Notch Filtering and Applications. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3226-3241.	5.8	6
14	Adaptive Fourier analysis using a variable step-size LMS algorithm. , 2013, , .		5
15	A nonlinear adaptive noise canceller for speech enhancement using Volterra filter. , 2014, , .		5
16	A simplified variable step-size gradient algorithm for IIR notch filtering: Properties and application. , 2017, , .		5
17	A Robust Feedback Active Noise Control System With Online Secondary-Path Modeling. IEEE Signal Processing Letters, 2022, 29, 1042-1046.	3.6	5
18	A Constructive Procedure for Multidimensional Realization and LFR Uncertainty Modelling. , 0, , .		4

#	Article	IF	Citations
19	New narrowband active noise control systems with significantly less computational requirements. , 2008, , .		3
20	Mean-sense behavior of filtered-X LMS algorithm in the presence of frequency mismatch. , 2012, , .		3
21	Performance Analysis of the Fxlms-Based Narrowband Active Noise Control System with Online Secondary Path Modeling. , 2007, , .		2
22	A feedforward hybrid active noise control system in the presence of sensor error. , 2012, , .		2
23	Speech enhancement using bone- and air-conducted signals and adaptive GFLANN filter. , 2016, , .		2
24	Analysis of broadband active noise control with multiple harmonic excitation. , 2012, , .		1
25	A time series prediction model using constructive neural network. , 2012, , .		1
26	A New Facial Expression Recognition Technique using 2-D DCT and Neural Networks Based Decision Tree. , 0, , .		0
27	State Estimation Method for Sound Environment System with Unknown Structure by Introducing a Fuzzy Adaptive Filter. , 2006, , .		0
28	New efficient and robust narrowband active noise control systems with feedforward secondary-path compensation. , 2010, , .		0
29	Dynamic properties of feedback active noise control with sinusoidal primary noise. , 2010, , .		0