Kashif Shabir

List of Publications by Year
in descending order

51	316	1163117	996975
51	**316**	**8**	**15**
papers	citations	h-index	g-index

51	51	51	280
51	**51**	**51**	**280**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Backtracking search integrated with sequential quadratic programming for nonlinear active noise control systems. Applied Soft Computing Journal, 2018, 73, 666-683.	7.2	41
2	A Compressed Sensing Approach to Blind Separation of Speech Mixture Based on a Two-Layer Sparsity Model. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 899-906.	3.2	34
3	Widely Linear MVDR Beamformers for Noncircular Signals Based on Time-Averaged Second-Order Noncircularity Coefficient Estimation. IEEE Transactions on Vehicular Technology, 2013, 62, 3219-3227.	6.3	30
4	Learning a Discriminative Dictionary for Single-Channel Speech Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 1130-1138.	5.8	19
5	Single-channel speech separation using sequential discriminative dictionary learning. Signal Processing, 2015, 106, 134-140.	3.7	18
6	Covariance Matrix Reconstruction via Residual Noise Elimination and Interference Powers Estimation for Robust Adaptive Beamforming. IEEE Access, 2019, 7, 53262-53272.	4.2	15
7	Robust Adaptive Beamforming via Covariance Matrix Reconstruction Under Colored Noise. IEEE Signal Processing Letters, 2021, 28, 1759-1763.	3.6	15
8	Supervised single channel dual domains speech enhancement using sparse non-negative matrix factorization. , 2020, 100, 102697.		11
9	Robust adaptive beamforming using a new projection approach. , 2015, , .		9
10	Supervised Single Channel Speech Enhancement Based on Stationary Wavelet Transforms and Non-negative Matrix Factorization with Concatenated Framing Process and Subband Smooth Ratio Mask. Journal of Signal Processing Systems, 2020, 92, 445-458.	2.1	9
11	CAD: concatenated action descriptor for one and two person(s), using silhouette and silhouette's skeleton. IET Image Processing, 2020, 14, 417-422.	2.5	9
12	Application of Tensor Train Decomposition in S2VT Model for Sign Language Recognition. IEEE Access, 2021, 9, 35646-35653.	4.2	9
13	Supervised Single Channel Speech Enhancement Based on Dual-Tree Complex Wavelet Transforms and Nonnegative Matrix Factorization Using the Joint Learning Process and Subband Smooth Ratio Mask. Electronics (Switzerland), 2019, 8, 353.	3.1	8
14	Robust Dual Domain Twofold Encrypted Image-in-Audio Watermarking Based on SVD. Circuits, Systems, and Signal Processing, 2021, 40, 4651-4685.	2.0	8
15	Online Speaker Adaptation for LVCSR Based on Attention Mechanism. , 2018, , .		8
16	Cosmic-Ray Detection Based on Gray-Scale Morphology of Spectroscopic CCD Images. Publications of the Astronomical Society of Australia, 2009, 26, 58-63.	3.4	7
17	Supplementations to the Higher Order Subspace Algorithm for Suppression of Spatially Colored Noise. IEEE Signal Processing Letters, 2017, 24, 668-672.	3.6	7
18	Modified Complementary Joint Sparse Representations: A Novel Post-Filtering to MVDR Beamforming. , 2019, , .		7

#	Article	IF	Citations
19	Asymptotic Properties of Pearson's Rank-Variate Correlation Coefficient under Contaminated Gaussian Model. PLoS ONE, 2014, 9, e112215.	2.5	5
20	Sign Language Recognition System Based on Weighted Hidden Markov Model. , 2015, , .		5
21	A Speech Enhancement System for Automotive Speech Recognition with a Hybrid Voice Activity Detection Method. , 2018, , .		4
22	Dual-Transform Source Separation Using Sparse Nonnegative Matrix Factorization. Circuits, Systems, and Signal Processing, 2021, 40, 1868-1891.	2.0	4
23	An Algorithm Combining Analysis-based Blind Compressed Sensing and Nonlocal Low-rank Constraints for MRI Reconstruction. Current Medical Imaging, 2019, 15, 281-291.	0.8	4
24	Exponential Polynomial Fitting for Fibre Spectrum CCD Profiles. Publications of the Astronomical Society of Australia, 2010, 27, 290-295.	3.4	3
25	A Robust Time-frequency Decomposition Model for Suppression of Mixed Gaussian-impulse Noise in Audio Signals. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, , 1-1.	5.8	3
26	Homotopy Approach for Energy-Efficient MIMO Systems With Zero-Forcing Transceivers. IEEE Transactions on Vehicular Technology, 2017, 66, 1233-1247.	6.3	3
27	Compressed Sensing MRI Reconstruction Using Generative Adversarial Network with Enhanced Antagonism. , 2019, , .		3
28	Robust Adaptive Beamforming for Coprime Array Based on Interference Power Estimation via Subspace. , 2020, , .		3
29	<scp>MR</scp> imaging reconstruction using a modified descent–type alternating direction method. International Journal of Imaging Systems and Technology, 2016, 26, 43-54.	4.1	2
30	DOA Estimation of Quasi-Stationary Signals Exploiting Virtual Extension of Coprime Array Imbibing Difference and Sum Co-Array. IEICE Transactions on Communications, 2018, E101.B, 1876-1883.	0.7	2
31	An Efficient Profile Detection Method for Fiber Spectrum Images with Low SNR Based on Wigner Bispectrum. Publications of the Astronomical Society of Australia, 2011, 28, 144-149.	3.4	1
32	Wideband DOA Estimation Based on Sparse Signal Representation. , 2012, , .		1
33	Learning a hierarchical dictionary for single-channel speech separation. , 2014, , .		1
34	Direction finding based on single channel array using block-sparse recovery. , 2015, , .		1
35	Locally controlled as–rigid–as–possible deformation for 2D characters. Computer Animation and Virtual Worlds, 2017, 28, e1750.	1.2	1
36	Dynamic MRI reconstruction using low-rank and 3D sparsifying transform with separation of background and dynamic components. , 2017, , .		1

#	Article	IF	Citations
37	Adaptive Blind Correction of TIADC Mismatch Based on Cyclic Autocorrelation. , 2018, , .		1
38	A Front-End Speech Enhancement System for Robust Automotive Speech Recognition. , 2018, , .		1
39	Networks Effectively Utilizing 2D Spatial Information for Accurate 3D Hand Pose Estimation. , 2018, , .		1
40	Dual transform based joint learning single channel speech separation using generative joint dictionary learning. Multimedia Tools and Applications, 2022, 81, 29321-29346.	3.9	1
41	Attention based sequence-to-sequence framework for auto image caption generation. Journal of Intelligent and Fuzzy Systems, 2022, , 1-12.	1.4	1
42	Image Denoising with an Adaptively Weighted Four-Directional Total Variation Method. , 2015, , .		0
43	A Novel Sky-Subtraction Method Based on Non-negative Matrix Factorisation with Sparsity for Multi-object Fibre Spectroscopy. Publications of the Astronomical Society of Australia, 2016, 33, .	3.4	0
44	Multi-Group DOA estimation for noncircular sources in multipath. , 2016, , .		0
45	Multi-Branch Layers Ordered Multiple Feedback successive interference cancellation in MUMIMO spatial multiplexing systems. , 2017, , .		0
46	Capacity enhancement using adaptive power and sub-carriers allocation under imperfect CSI in MC-CDMA systems. , 2017, , .		0
47	Dynamic MRI reconstruction using nonlocal low-rank constraints based on the deformation corrected signal. , 2017, , .		0
48	Double-robust adaptive beamforming based on covariance matrix reconstruction and norm-bounded constraints. , 2017, , .		0
49	A Novel Reconstruction Approach Combining Global and Local Low-rank Constraints for Undersampled Dynamic MRI. Current Medical Imaging, 2018, 14, 732-743.	0.8	0
50	Independent Vector Analysis based Convolutive Speech Separation by Estimating Entropy using Recursive Copula Splitting. , 2020, , .		0
51	Independent Component Analysis based speech separation using geometric kth nearest neighbor entropy estimator. , 2020, , .		0