Farbod Razzazi

List of Publications by Year
in descending order

101 papers	588 citations	840119 11 h-index	887659 17 g-index
103 all docs	103 docs citations	103 times ranked	495 citing authors

#	Article	IF	Citations
1	A novel approach to HMM-based speech recognition systems using particle swarm optimization. Mathematical and Computer Modelling, 2010, 52, 1910-1920.	2.0	43
2	Music similarity measurement and recommendation system using convolutional neural networks. International Journal of Multimedia Information Retrieval, 2021, 10, 43-53.	3.6	30
3	Multiâ€stream 3D CNN structure for human action recognition trained by limited data. IET Computer Vision, 2019, 13, 338-344.	1.3	29
4	Quantization-Unaware Double JPEG Compression Detection. Journal of Mathematical Imaging and Vision, 2016, 54, 269-286.	0.8	26
5	A novel forensic image analysis tool for discovering double JPEG compression clues. Multimedia Tools and Applications, 2017, 76, 7749-7783.	2.6	26
6	Decision fusion of horizontal and vertical trajectories for recognition of online Farsi subwords. Engineering Applications of Artificial Intelligence, 2013, 26, 544-550.	4.3	23
7	A very high accuracy handwritten character recognition system for Farsi/Arabic digits using Convolutional Neural Networks. , 2010, , .		22
8	Automatic meter classification in Persian poetries using support vector machines. , 2009, , .		17
9	Effect of delayed strokes on the recognition of online Farsi handwriting. Pattern Recognition Letters, 2013, 34, 486-491.	2.6	17
10	A New Framework for Match on Card and Match on Host Quality Based Multimodal Biometric Authentication. Journal of Signal Processing Systems, 2019, 91, 163-177.	1.4	16
11	A Multi-View Human Action Recognition System in Limited Data Case using Multi-Stream CNN. , 2019, , .		16
12	Age estimation based on speech features and support vector machine. , 2011, , .		15
13	A novel approach for dynamic hand gesture recognition using contour-based similarity images. International Journal of Computer Mathematics, 2015, 92, 662-685.	1.0	14
14	A clustering based feature selection method in spectro-temporal domain for speech recognition. Engineering Applications of Artificial Intelligence, 2012, 25, 1194-1202.	4.3	13
15	LMDT: A weakly-supervised large-margin-domain-transfer for handwritten digit recognition. Engineering Applications of Artificial Intelligence, 2016, 52, 119-125.	4.3	11
16	A Self Training Approach to Automatic Modulation Classification Based on Semi-supervised Online Passive Aggressive Algorithm. Wireless Personal Communications, 2015, 82, 1303-1319.	1.8	10
17	Sub-word-based Offline Handwritten Farsi Word Recognition Using Recurrent Neural Network. ETRI Journal, 2016, 38, 703.	1.2	10
18	An SVM based Confidence Measure for Continuous Speech Recognition. , 2007, , .		9

#	Article	IF	Citations
19	Active Multiple Kernel Fredholm Learning for Hyperspectral Images Classification. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 356-360.	1.4	8
20	Semi-supervised parallel shared encoders for speech emotion recognition. , 2021, 118, 103205.		8
21	SR-NBS: A fast sparse representation based N-best class selector for robust phoneme classification. Engineering Applications of Artificial Intelligence, 2014, 28, 155-164.	4.3	7
22	Spatio-temporal 3D surface matching for hand gesture recognition using ICP algorithm. Signal, Image and Video Processing, 2015, 9, 1205-1220.	1.7	7
23	A weakly supervised large margin domain adaptation method for isolated handwritten digit recognition. Journal of Visual Communication and Image Representation, 2016, 38, 307-315.	1.7	7
24	An extended KCF tracking algorithm based on TLD structure in low frame rate videos. Multimedia Tools and Applications, 2020, 79, 20995-21012.	2.6	7
25	FPGA Implementation of Feature Extraction and MLP Neural Network Classifier for Farsi Handwritten Digit Recognition. , 2009, , .		6
26	Power line noise elimination from EMG signals using adaptive Laguerre filter with fuzzy step size. , 2010, , .		6
27	Fusion of HMM Classifiers, Based on x, y and (x, y) Signals, for the Recognition of Online Farsi Handwriting: a Large Lexicon Approach. Arabian Journal for Science and Engineering, 2014, 39, 1713-1723.	1.1	6
28	Printer source identification by feature modeling in the total variable printer space. Journal of Forensic Sciences, 2021, 66, 2261-2273.	0.9	6
29	Non-invasive localization of the ectopic foci of focal atrial tachycardia by using ECG signal based sparse decomposition algorithm. Biomedical Signal Processing and Control, 2021, 70, 103014.	3.5	6
30	A DCT based nonlinear predictive coding for feature extraction in speech recognition systems. , 2008, , .		5
31	A Time Warping Speech Recognition System Based on Particle Swarm Optimization. , 2008, , .		5
32	Improvements in audio classification based on sinusoidal modeling. , 2008, , .		5
33	Robust speech recognition using MLP neural network in log-spectral domain. , 2009, , .		5
34	Using co-occurrence features extracted from ripplet I transform in texture classification. , 2012, , .		5
35	A noise robust speech features extraction approach in multidimensional cortical representation using multilinear principal component analysis. International Journal of Speech Technology, 2015, 18, 351-365.	1.4	5
36	A Sparse Analysis-Based Single Image Super-Resolution. Computers, 2019, 8, 41.	2.1	5

#	Article	IF	Citations
37	A part-level learning strategy for JPEG image recompression detection. Multimedia Tools and Applications, 2021, 80, 12235-12247.	2.6	5
38	Enhanced target detection using a new combined sonar waveform design. Telecommunication Systems, 2021, 77, 317-334.	1.6	5
39	Double JPEG compression detection and localization based on convolutional auto-encoder for image content removal. , 2022, 123, 103429.		5
40	An active contour based algorithm for cell planning. , 2009, , .		4
41	A novel approach to HMM-based speech recognition system using particle swarm optimization. , 2009, , .		4
42	Bio-inspired distributed beamforming for cognitive radio networks in non-stationary environment. IEICE Electronics Express, 2011, 8, 332-339.	0.3	4
43	Minimum power transmission design for cognitive radio networks in non-stationary environment. IEICE Electronics Express, 2011, 8, 136-142.	0.3	4
44	A proper transform for satisfying Benford's Law and its application to double JPEG image forensics. , 2012, , .		4
45	Power and Time Slot Allocation in Cognitive Relay Networks Using Particle Swarm Optimization. Scientific World Journal, The, 2013, 2013, 1-9.	0.8	4
46	An evolutionary decoding method for HMM-based continuous speech recognition systems using particle swarm optimization. Pattern Analysis and Applications, 2014, 17, 327-339.	3.1	4
47	A privacy-preserving distributed transfer learning in activity recognition. Telecommunication Systems, 2019, 72, 69-79.	1.6	4
48	An interpolation filter based on natural neighbor Galerkin method for salt and pepper noise restoration with adaptive size local filtering window. Signal, Image and Video Processing, 2019, 13, 895-903.	1.7	4
49	A Robust Free Size OCR for Omni-Font Persian/Arabic Printed Document Using Combined MLP/SVM. Lecture Notes in Computer Science, 2005, , 601-610.	1.0	3
50	Automatic language identification of bilingual English and Farsi scripts. , 2009, , .		3
51	Noise reduction algorithm for robust speech recognition using MLP neural network. , 2009, , .		3
52	Online optimization of the poles locations of generalized orthonormal IIR adaptive filters using particle swarm optimization. , 2009, , .		3
53	Designing Linear Phase FIR Filters with Particle Swarm Optimization and Harmony Search. Communications in Computer and Information Science, 2009, , 193-200.	0.4	3
54	A scaleâ€"rate filter selection method in the spectro-temporal domain for phoneme classification. Computers and Electrical Engineering, 2013, 39, 1537-1548.	3.0	3

#	Article	IF	Citations
55	A robust feature for single image camera identification using local binary patterns. , 2014, , .		3
56	A Novel and Fast Algorithm for Solving Permutation in Convolutive BSS, Based on Real and Imaginary Decomposition. Circuits, Systems, and Signal Processing, 2016, 35, 4532-4549.	1.2	3
57	A structural refinement method based on image gradient for improving performance of noise-restoration stage in decision based filters. , 2018, 75, 242-254.		3
58	Blind speech dereverberation using sparse decomposition and multi-channel linear prediction. International Journal of Speech Technology, 2019, 22, 729-738.	1.4	3
59	Semi-supervised domain adaptation for pedestrian detection in video surveillance based on maximum independence assumption. International Journal of Multimedia Information Retrieval, 2019, 8, 241-252.	3.6	3
60	An LSTM Auto-Encoder for Single-Channel Speaker Attention System. , 2019, , .		3
61	Maximum-Likelihood Phone-Based Filter Parameter Optimization for Microphone Array Speech Recognition. , 2008, , .		2
62	Phone-based filter parameter optimization for robust speech recognition using likelihood maximization. , 2008, , .		2
63	Adaptive determination of the free parameters of generalized orthonormal IIR adaptive filters using genetic algorithm. , 2009, , .		2
64	A novel spectro-temporal feature extraction method for phoneme classification. , 2010, , .		2
65	A feature selection method in spectro-temporal domain based on Gaussian Mixture Models. , 2010, , .		2
66	A fast compressive sensing approach for phoneme classification. , 2012, , .		2
67	An adaptable architecture for blind modulations classification in variable SNR environments. , 2012, , .		2
68	A neural predictive coding feature extraction scheme in DCT domain for phoneme recognition. Neural Computing and Applications, 2012, 21, 565-574.	3.2	2
69	A dictionary based approach to JPEG anti-forensics. , 2016, , .		2
70	Real-time human action recognition with Extreme Learning Machine. , 2017, , .		2
71	A voice activity detection algorithm in spectro-temporal domain using sparse representation. International Journal of Machine Learning and Cybernetics, 2019, 10, 1791-1803.	2.3	2
72	Effect of unitary transformation on Bayesian information criterion for source numbering in array processing. IET Signal Processing, 2019, 13, 670-678.	0.9	2

#	Article	IF	Citations
73	Incomplete-Data-Driven Speaker Segmentation for Diarization Application; A Help-Training Approach. Circuits, Systems, and Signal Processing, 2019, 38, 2489-2522.	1.2	2
74	Source Camera Identification Using WLBP Descriptor. , 2020, , .		2
75	Semi-supervised and Unsupervised Privacy-Preserving Distributed Transfer Learning Approach in HAR Systems. Wireless Personal Communications, 2021, 117, 637-654.	1.8	2
76	A multi-class SVM based phonemes classifier based on a trainable confidence measure. , 2009, , .		1
77	GMM Optimization Using Neural Networks for Persian Language Detection. , 2009, , .		1
78	Improvement in speech recognition using phone-based filter and sum parameter optimization. IEICE Electronics Express, 2009, 6, 437-442.	0.3	1
79	A novel method for de-warping in Persian document images captured by cameras. , 2010, , .		1
80	Single channel speech/music segregation based on a novel K-means clustering schema. , 2011, , .		1
81	A novel steganography approach for 3D polygonal meshes using Surfacelet Transform. , 2013, , .		1
82	A writer adaptation method for isolated handwritten digit recognition based on Ensemble Projection of features. , 2015, , .		1
83	Domain adaptive multiple kernel learning for handwritten digit recognition. , 2016, , .		1
84	Single image camera identification using I-vectors. , 2017, , .		1
85	A structural post-processing method for enhancing intensity restoration of low-density impulse-noise for decision based filters. Journal of Visual Communication and Image Representation, 2018, 51, 40-55.	1.7	1
86	Structure‐based interpolation method for restoring the intensity of low‐density impulse noise. IET Image Processing, 2018, 12, 1577-1585.	1.4	1
87	Unsupervised help-trained LS-SVR-based segmentation in speaker diarization system. Multimedia Tools and Applications, 2019, 78, 11743-11777.	2.6	1
88	A weakly supervised representation learning for modulation recognition of short duration signals. Measurement: Journal of the International Measurement Confederation, 2021, 178, 109346.	2.5	1
89	A non-linear mapping representing human action recognition under missing modality problem in video data. Measurement: Journal of the International Measurement Confederation, 2021, 186, 110123.	2.5	1
90	A comprehensive handwritten image corpus of isolated persian/arabic characters for OCR development and evaluation. , 2007, , .		0

#	Article	IF	Citations
91	An Improved Method for Tracking a Single Target in Variable Cluttered Environments. , 2008, , .		0
92	Image Watermarking in Face Recognition Systems Based on Contourlet Transform. , 2009, , .		0
93	Implementation of an accurate Farsi Handwritten digit recognition system on FPGA. , 2009, , .		0
94	Phone-based filter parameter optimization of filter and sum robust speech recognition using likelihood maximization. AEU - International Journal of Electronics and Communications, 2010, 64, 1167-1172.	1.7	0
95	A novel approach for blind source separation of mixed document images in Farsi scanned documents. , 2010, , .		0
96	A Novel Voice Activity Detector for Noisy Environments Using Gaussian Clustering of Noise in Spectro-Temporal Domain. , 2010, , .		0
97	Tracking performance of online large margin semi-supervised classifiers in automatic modulation classification. , 2012, , .		0
98	A feature extraction method for speech recognition based on temporal tracking of clusters in spectro-temporal domain. , 2012, , .		0
99	Adaptive multiuser detection in DS/CDMA systems using generalized regression neural network. , 2012, , .		0
100	A fast phoneme recognition system based on sparse representation of test utterances. , 2014, , .		0
101	Speaker Diarization in Broadcast News Using Sub Glottal Resonances. , 2019, , .		0