

Hedieh Sajedi

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

1,173
citations

516215

16
h-index

552369

26
g-index

96
all docs

96
docs citations

96
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain Tumor Classification via Convolutional Neural Network and Extreme Learning Machines. , 2018, ,		120
2	A hybrid data mining model of feature selection algorithms and ensemble learning classifiers for credit scoring. Journal of Retailing and Consumer Services, 2015, 27, 11-23.	5.3	118
3	Flood susceptibility mapping and assessment using a novel deep learning model combining multilayer perceptron and autoencoder neural networks. Journal of Flood Risk Management, 2021, 14, e12683.	1.6	62
4	Age Prediction Based on Brain MRI Image: A Survey. Journal of Medical Systems, 2019, 43, 279.	2.2	45
5	Using contourlet transform and cover selection for secure steganography. International Journal of Information Security, 2010, 9, 337-352.	2.3	37
6	Convolution neural network joint with mixture of extreme learning machines for feature extraction and classification of accident images. Journal of Real-Time Image Processing, 2020, 17, 1051-1066.	2.2	35
7	BSS: Boosted steganography scheme with cover image preprocessing. Expert Systems With Applications, 2010, 37, 7703-7710.	4.4	33
8	Contribution of machine learning approaches in response to SARS-CoV-2 infection. Informatics in Medicine Unlocked, 2021, 23, 100526.	1.9	29
9	Question classification in Persian using word vectors and frequencies. Cognitive Systems Research, 2018, 47, 16-27.	1.9	26
10	Steganalysis based on steganography pattern discovery. Journal of Information Security and Applications, 2016, 30, 3-14.	1.8	24
11	A novel clustering algorithm based on data transformation approaches. Expert Systems With Applications, 2017, 76, 59-70.	4.4	24
12	Secure steganography based on embedding capacity. International Journal of Information Security, 2009, 8, 433-445.	2.3	23
13	Popularity prediction of images and videos on Instagram. , 2018, , .		22
14	Adaptive steganography method based on contourlet transform. , 2008, , .		19
15	An image analysis-aided method for redundancy reduction in differentiation of identical <i>Actinobacterial</i> strains. Future Microbiology, 2018, 13, 313-329.	1.0	19
16	CBS: Contourlet-Based Steganalysis Method. Journal of Signal Processing Systems, 2010, 61, 367-373.	1.4	18
17	Prediction of disease based on prescription using data mining methods. Health and Technology, 2019, 9, 37-44.	2.1	18
18	ContSteg: Contourlet-Based Steganography Method. Wireless Sensor Network, 2009, 01, 163-170.	0.3	18

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19	Cover Selection Steganography Method Based on Similarity of Image Blocks. , 2008, , .		17
20	Handwriting recognition of digits, signs, and numerical strings in Persian. Computers and Electrical Engineering, 2016, 49, 52-65.	3.0	17
21	Air pollution forecasting from sky images with shallow and deep classifiers. Earth Science Informatics, 2018, 11, 413-422.	1.6	17
22	A Steganalysis Method Based on Contourlet Transform Coefficients. , 2008, , .		14
23	Applications of data hiding techniques in medical and healthcare systems: a survey. Network Modeling Analysis in Health Informatics and Bioinformatics, 2018, 7, 1.	1.2	14
24	Image-processing based taxonomy analysis of bacterial macromorphology using machine-learning models. Multimedia Tools and Applications, 2020, 79, 32711-32730.	2.6	14
25	Spectrum of deep learning algorithms in drug discovery. Chemical Biology and Drug Design, 2020, 96, 886-901.	1.5	13
26	Brain age estimation based on 3D MRI images using 3D convolutional neural network. Multimedia Tools and Applications, 2020, 79, 25051-25065.	2.6	13
27	A survey on automated detection and classification of acute leukemia and WBCs in microscopic blood cells. Multimedia Tools and Applications, 2022, 81, 6723-6753.	2.6	13
28	SMS spam detection using selected text features and Boosting Classifiers. , 2015, , .		12
29	Image steganalysis using Artificial Bee Colony algorithm. Journal of Experimental and Theoretical Artificial Intelligence, 2017, 29, 949-966.	1.8	12
30	A decentralized gossip based approach for data clustering in peer-to-peer networks. Journal of Parallel and Distributed Computing, 2018, 119, 64-80.	2.7	12
31	Automated identification of Myxobacterial genera using Convolutional Neural Network. Scientific Reports, 2019, 9, 18238.	1.6	12
32	Breast cancer diagnosis based on genomic data and extreme learning machine. SN Applied Sciences, 2020, 2, 1.	1.5	12
33	Cognitive discrete gravitational search algorithm for solving 0-1 knapsack problem. Journal of Intelligent and Fuzzy Systems, 2015, 29, 2247-2258.	0.8	11
34	A distributed data clustering algorithm in P2P networks. Applied Soft Computing Journal, 2017, 51, 147-167.	4.1	11
35	Information verification in social networks based on user feedback and news agencies. Social Network Analysis and Mining, 2020, 10, 1.	1.9	11
36	Information hiding methods for E-Healthcare. Smart Health, 2020, 15, 100104.	2.0	10

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37	A Boosted Skin Detection Method based on Pixel and Block Information. Proc Int Symp Image Signal Process Anal, 2007, , .	0.0	9
38	HYSA: HYbrid steganographic approach using multiple steganography methods. Security and Communication Networks, 2011, 4, 1173-1184.	1.0	9
39	Integration of colour and uniform interlaced derivative patterns for object tracking. IET Image Processing, 2016, 10, 381-390.	1.4	9
40	A Contourlet-Based Face Detection Method in Color Images. , 2007, , .		8
41	MOSAR: A Multi-Objective Strategy for Hiding Sensitive Association Rules Using Genetic Algorithm. Applied Artificial Intelligence, 2016, 30, 823-843.	2.0	8
42	DGSA: discrete gravitational search algorithm for solving knapsack problem. Operational Research, 2017, 17, 563-591.	1.3	8
43	Age prediction based on brain MRI images using feature learning. , 2017, , .		8
44	Peer sampling gossip-based distributed clustering algorithm for unstructured P2P networks. Neural Computing and Applications, 2018, 29, 593-612.	3.2	8
45	Fragile Watermarking Based on QR Decomposition and Fourier Transform. Wireless Personal Communications, 2022, 122, 211-227.	1.8	8
46	Adaptive batch steganography considering image embedding capacity. Optical Engineering, 2009, 48, 087002.	0.5	7
47	Secure Cover Selection Steganography. Lecture Notes in Computer Science, 2009, , 317-326.	1.0	7
48	Leukemia Diagnosis Using Image Processing and Computational Intelligence. , 2018, , .		7
49	Actinobacterial strains recognition by Machine learning methods. Multimedia Tools and Applications, 2019, 78, 20285-20307.	2.6	7
50	MVSA: Multiple vortex search algorithm. , 2016, , .		6
51	A new distributed learning automata based algorithm for maximum independent set problem. , 2016, , .		6
52	Satellite Broadcast Scheduling Based on a Boosted Binary Differential Evolution. New Generation Computing, 2017, 35, 225-251.	2.5	6
53	Rumor detection on Twitter using extracted patterns from conversational tree. , 2018, , .		6
54	Monitoring air pollution by deep features and extreme learning machine. Journal of Experimental and Theoretical Artificial Intelligence, 2019, 31, 517-531.	1.8	6

#	ARTICLE	IF	CITATIONS
55	Age Prediction based on Brain MRI Images using Extreme Learning Machine. , 2019, , .		6
56	Potential of blockchain approach on development and security of microbial databases. Biological Procedures Online, 2021, 23, 3.	1.4	6
57	Improvements of Image-Steganalysis Using Boosted Combinatorial Classifiers and Gaussian High Pass Filtering. , 2008, , .		5
58	Selecting a reliable steganography method. , 2010, , .		5
59	Persian Handwritten Number Recognition Using Adapted Framing Feature and Support Vector Machines. International Journal of Computational Intelligence and Applications, 2016, 15, 1650004.	0.6	5
60	Ensemble pruning based on oblivious Chained Tabu Searches. International Journal of Hybrid Intelligent Systems, 2016, 12, 131-143.	0.9	5
61	Image steganography with Artificial Immune System. , 2017, , .		5
62	SVSA: a Semi-Vortex Search Algorithm for solving optimization problems. International Journal of Data Science and Analytics, 2019, 8, 15-32.	2.4	5
63	Opinion mining with reviews summarization based on clustering. International Journal of Information Technology (Singapore), 2020, 12, 1299-1310.	1.8	5
64	Text steganography in webometrics. International Journal of Information Technology (Singapore), 2021, 13, 621-635.	1.8	5
65	Unsupervised Anomaly Detection with an Enhanced Teacher for Student-Teacher Feature Pyramid Matching. , 2022, , .		5
66	Human-inspired ensemble pruning using hill climbing algorithm. , 2013, , .		4
67	Fully Unsupervised Salient Object Detection. , 2019, , .		4
68	Image concept detection in imbalanced datasets with ensemble of convolutional neural networks. Intelligent Data Analysis, 2019, 23, 1131-1144.	0.4	4
69	DNAVS: an algorithm based on DNA-computing and vortex search algorithm for task scheduling problem. Evolutionary Intelligence, 2020, , 1.	2.3	4
70	A high capacity image hiding method based on fuzzy image coding/decoding. , 2009, , .		3
71	Differentiation of identical actinobacterial strains by wavelet transform and artificial neural network. , 2017, , .		3
72	Solving Dynamic Vehicle Routing Problem with Pickup and Delivery by CLARITY Method. , 2018, , .		3

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73	Fragile Watermarking for Image Authentication Using QR factorization and Fourier Transform. , 2019, ,		3
74	Brain Age Estimation using Brain MRI and 3D Convolutional Neural Network. , 2019, , .		3
75	Image Watermarking by Q Learning and Matrix Factorization. , 2020, , .		3
76	A novel method to musicalize shape and visualize music and a novel technique in music cryptography. Multimedia Tools and Applications, 2021, 80, 7451-7477.	2.6	3
77	Automatic Counting Red Blood Cells in the Microscopic Images by EndPoints Method and Circular Hough Transform. , 2022, , .		3
78	Biometric verification by palmprint using contourlet transform. Intelligent Decision Technologies, 2016, 10, 443-451.	0.6	2
79	A prescription-based automatic medical diagnosis system using a stacking method. , 2017, , .		2
80	Salient Object Detection with Segment Features Using Mean Shift Algorithm. , 2018, , .		2
81	Information verification improvement by textual entailment methods. SN Applied Sciences, 2019, 1, 1.	1.5	2
82	An ensemble algorithm for discovery of malicious web pages. International Journal of Information and Computer Security, 2019, 11, 203.	0.2	2
83	Developed Optimization Algorithms Based on Natural Taxis Behavior of Bacteria. Cognitive Computation, 2020, 12, 1187-1204.	3.6	2
84	Fast Prediction of Cortical Dementia Based on Original Brain MRI images Using Convolutional Neural Network. , 2020, , .		2
85	Content for self-care app for patients with cutaneous leishmaniasis: Designing a mobile-based self-care app for patients with cutaneous leishmaniasis. Health Policy and Technology, 2021, 10, 87-94.	1.3	2
86	Detection of malicious web pages by evolutionary ensemble learning. International Journal of Hybrid Intelligent Systems, 2017, 13, 151-159.	0.9	1
87	A parallel classification framework for protein fold recognition. Evolutionary Intelligence, 2020, 13, 525-535.	2.3	1
88	Satellite broadcast scheduling by boosted differential evolution. , 2016, , .		0
89	Detecting Nash equilibria of strategic games by Vortex Search algorithm. International Journal of Hybrid Intelligent Systems, 2018, 14, 225-232.	0.9	0
90	Onset detection for tar solo. International Journal of Speech Technology, 2018, 21, 761-771.	1.4	0

#	ARTICLE	IF	CITATIONS
91	Document Embedding using piped ELM-GAN Model. , 2021, , .		0
92	A Reconcile of Density Based and Hierarchical Clustering Based on the Laws of Physics. , 2021, , .		0
93	Detection of Crotical Demantia in MRI Images Using Convolutional Autoencoder Neural Network. , 2021, , .		0
94	Brain Age Estimation based on Brain MRI by an Ensemble of Deep Networks. , 2021, , .		0
95	Information Verification Enhancement Using Entailment Methods. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 217-225.	0.5	0
96	Medical Image Segmentation for Skin Lesion Detection via Topological Data Analysis. , 2022, , .		0