

S I Shaheen

List of Publications by Year in descending order

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75
papers

874
citations

933447
10
h-index

552781
26
g-index

77
all docs

77
docs citations

77
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison between neural-network forecasting techniques-case study: river flow forecasting. IEEE Transactions on Neural Networks, 1999, 10, 402-409.	4.2	227
2	Sign language recognition using a combination of new vision based features. Pattern Recognition Letters, 2011, 32, 572-577.	4.2	139
3	A Modular Computer Vision System for Picture Segmentation and Interpretation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1981, PAMI-3, 540-556.	13.9	81
4	Landmark identification in computerized posteroanterior cephalometrics. American Journal of Orthodontics and Dentofacial Orthopedics, 1987, 91, 57-61.	1.7	51
5	Segmentation and classification of white blood cells. , 0, , .		37
6	Adaptive resampling algorithm for image zooming. IET Computer Vision, 1997, 144, 207.	1.3	30
7	PSOSA: An Optimized Particle Swarm Technique for Solving the Urban Planning Problem. , 2006, , .		26
8	Systems thinking for developing sustainable complex smart cities based on self-regulated agent systems and fog computing. Sustainable Computing: Informatics and Systems, 2018, 19, 204-213.	2.2	21
9	An efficient stock market forecasting model using neural networks. , 0, , .		15
10	A new algorithm for learning in piecewise-linear neural networks. Neural Networks, 2000, 13, 485-505.	5.9	15
11	A Dynamic Load Balancing Framework for Real-time Applications in Message Passing Systems. International Journal of Parallel Programming, 2011, 39, 143-182.	1.5	15
12	Human identification based on temporal lifting using 5/3 wavelet filters and radon transform. Pattern Recognition, 2017, 69, 213-224.	8.1	12
13	A practical gated expert network. , 0, , .		11
14	A New Security Mechanism to Perform Traffic Anonymity with Dummy Traffic Synthesis. , 2009, , .		11
15	High capacity lossless data embedding technique for palette images based on histogram analysis. , 2010, 20, 1629-1636.		11
16	A novel Trust-Based Cross-Layer Model for Wireless Sensor Networks. , 2011, , .		11
17	Logical radial basis function networks a hybrid intelligent model for function approximation. Advances in Engineering Software, 1999, 30, 407-417.	3.8	10
18	Three-dimensional video compression using subband/wavelet transform with lower buffering requirements. IEEE Transactions on Image Processing, 1999, 8, 762-773.	9.8	9

#	ARTICLE	IF	CITATIONS
19	A Polarity Capturing Sphere for Word to Vector Representation. Applied Sciences (Switzerland), 2020, 10, 4386.	2.5	9
20	Air cooling of front-end electronics for silicon detectors in a collider experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 345, 284-288.	1.6	8
21	<title>Image indexing using composite regional color channel features</title>. , 1998, 3656, 492.		8
22	A Novel Active Learning Regression Framework for Balancing the Exploration-Exploitation Trade-Off. Entropy, 2019, 21, 651.	2.2	8
23	Towards a Hybrid MAS Organizational Model. International Journal of Organizational and Collective Intelligence, 2017, 7, 18-50.	0.3	8
24	Simple, Flexible, and Interoperable SCADA System Based on Agent Technology. Intelligent Control and Automation, 2015, 06, 184-199.	0.8	8
25	A unified analytical expression for aliasing error probability using single-input external- and internal-XOR LFSR. IEEE Transactions on Computers, 1998, 47, 1414-1417.	3.4	6
26	Pyramid-based multiresolution tiling for interactive viewing of remote sensing images. , 2010, , .		6
27	Jitter recovery strategies for multimedia traffic in ATM networks. , 0, , .		5
28	Improving utilization of reconfigurable resources using two-dimensional compaction. Journal of Supercomputing, 2007, 42, 235-250.	3.6	5
29	Novel pricing strategies for revenue maximization and demand learning using an explorationâ€œexploitation framework. Soft Computing, 2021, 25, 11711-11733.	3.6	5
30	Feature-based human face detection. , 2004, , .		4
31	An Efficient Lossless Data Hiding Technique for Palette-Based Images with Capacity Optimization. , 2007, , .		4
32	LDWMeanPSO: A new improved particle swarm optimization technique. , 2011, , .		4
33	Self-adaptive large-scale SCADA system based on self-organised multi-agent systems. International Journal of Automation and Control, 2016, 10, 234.	0.5	4
34	Improving anomaly detection in BGP time-series data by new guide features and moderated feature selection algorithm. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 392-406.	1.4	4
35	New Vector-Space Embeddings for Recommender Systems. Applied Sciences (Switzerland), 2021, 11, 6477.	2.5	4
36	Based skin human detection in natural and complex scenes. , 0, , .		3

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37	Miss Ratio Improvement For Real-Time Applications Using Fragmentation-Aware Placement. , 2007, , .		3
38	Traffic Differentiating Queue For Enhancing AODV Performance in Real-Time Interactive applications. , 2008, , .		3
39	Application of neural networks to the problem of forecasting the flow of the River Nile. , 0, , .		2
40	Neural networks in forecasting models: Nile River application. , 0, , .		2
41	Fragmentation Aware Placement in Reconfigurable Devices. , 2006, , .		2
42	MISS RATIO IMPROVEMENT FOR REAL-TIME APPLICATIONS USING FRAGMENTATION-AWARE PLACEMENT. Journal of Circuits, Systems and Computers, 2007, 16, 997-1010.	1.5	2
43	Multiple object detection and localisation system using automatic feature selection. International Journal of Signal and Imaging Systems Engineering, 2015, 8, 146.	0.6	2
44	Providing a transparent dynamic organization technique for efficient aggregation of multiple JADE agent platforms. , 2018, , .		2
45	Multi-Step Look-Ahead Optimization Methods for Dynamic Pricing With Demand Learning. IEEE Access, 2021, 9, 88478-88497.	4.2	2
46	A Novel Approach for Detecting and Correcting Segmentation and Recognition Errors in Arabic OCR Systems. Lecture Notes in Computer Science, 1999, , 530-539.	1.3	2
47	BGP Route Leaks Detection Using Supervised Machine Learning Technique. , 2020, , .		2
48	Some experiments with the interpretation strategy of a modular computer vision system. Pattern Recognition, 1981, 14, 87-100.	8.1	1
49	<title>Adaptive synchronization for real-time multimedia applications</title>. , 1999, 3528, 202.		1
50	On training piecewise linear networks. , 0, , .		1
51	<title>New technique for motion estimation to be used in MPEG systems</title>. , 2001, , .		1
52	<title>Use of intensity-hue-saturation (IHS) transformations in change detection of multitemporal remotely sensed data</title>. , 2002, , .		1
53	Evolutionary Optimization of Neural Networks for Fire Recognition. , 2006, , .		1
54	A Novel Approach for Image Compression using Matching Pursuit Signal Approximation and Simulated Annealing. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
55	Improving Utilization of Reconfigurable Resources Using Two Dimensional Compaction. , 2007, , .		1
56	A Quasi-Lossless Data Embedding Technique Based on Euclidean Distance Calculation. , 2007, , .		1
57	On the acceptance tests of aperiodic real-time tasks for FPGAs. , 2009, , .		1
58	A generalized object detection system using automatic feature selection. , 2010, , .		1
59	A new heuristic for SOA problem based on effective tie break function. , 2008, , .		1
60	A Novel Framework for Hybrid Intelligent Systems. Lecture Notes in Computer Science, 1999, , 761-770.	1.3	1
61	Performance evaluation of a novel fault tolerance training algorithm. , 0, , .		0
62	DCT of spatially adaptive subsampled interframes for image sequence coding. , 0, , .		0
63	A Comparative Analysis of Transition Mechanisms for IPv6/IPv4 Routing Environment. Lecture Notes in Computer Science, 1999, , 329-345.	1.3	0
64	Optical hierarchical fully shuffled tree. , 2000, , .		0
65	<title>New technique for motion estimation to be used in MPEG systems</title>. , 2001, , .		0
66	Proposal of an analytical solution for the load imbalance problem in parallel systems. , 0, , .		0
67	Crypto-Algorithms Maker kit. , 2003, , .		0
68	A Quasi-Lossless Data Embedding Technique for Color Palletized Images. , 2007, , .		0
69	On the acceptance tests of aperiodic real-time tasks for FPGAs. , 2008, , .		0
70	A new cross layer based routing technique for mobile ad hoc networks using forwarding node selection. , 2012, , .		0
71	Protocol based selective FIB download for distributed forwarding architecture. , 2012, , .		0
72	Novel online tutor modeling for intelligent tutoring systems. , 2013, , .		0

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73	Noshape. International Journal of Organizational and Collective Intelligence, 2019, 9, 12-36.	0.3	0
74	Speeding the Vector Search Algorithm for Regional Color Channel Features Based Indexing and Retrieval Systems. Lecture Notes in Computer Science, 1999, , 205-214.	1.3	0
75	ArSphere: Arabic word vectors embedded in a polar sphere. International Journal of Speech Technology, 0, , 1.	2.2	0