

Hamid Tairi

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

664
citations

623574

14
h-index

794469

19
g-index

106
all docs

106
docs citations

106
times ranked

566
citing authors

#	ARTICLE	IF	CITATIONS
1	A robust classification to predict learning styles in adaptive E-learning systems. Education and Information Technologies, 2020, 25, 437-448.	3.5	55
2	A robust system for road sign detection and classification using LeNet architecture based on convolutional neural network. Soft Computing, 2020, 24, 6721-6733.	2.1	42
3	Visual object tracking via the local soft cosine similarity. Pattern Recognition Letters, 2018, 110, 79-85.	2.6	25
4	Medical image registration based on fast and adaptive bidimensional empirical mode decomposition. IET Image Processing, 2013, 7, 567-574.	1.4	21
5	Motion detection based on the combining of the background subtraction and the structure texture decomposition. Optik, 2015, 126, 5992-5997.	1.4	20
6	Motion detection based on the combining of the background subtraction and spatial color information. , 2015, , .		18
7	3D face recognition: Multi-scale strategy based on geometric and local descriptors. Computers and Electrical Engineering, 2018, 70, 525-537.	3.0	18
8	Medical image watermarking technique based on polynomial decomposition. Multimedia Tools and Applications, 2019, 78, 34129-34155.	2.6	17
9	Image Generation: A Review. Neural Processing Letters, 2022, 54, 4609-4646.	2.0	17
10	A breast tumors segmentation and elimination of pectoral muscle based on hidden markov and region growing. Multimedia Tools and Applications, 2018, 77, 31347-31362.	2.6	16
11	Motion estimation using the fast and adaptive bidimensional empirical mode decomposition. Journal of Real-Time Image Processing, 2014, 9, 491-501.	2.2	15
12	An image registration algorithm based on phase correlation and the classical Lucas-Kanade technique. Signal, Image and Video Processing, 2017, 11, 1321-1328.	1.7	15
13	Multiple face detection based on machine learning. , 2018, , .		15
14	Saliency-guided automatic detection and segmentation of tumor in breast ultrasound images. Biomedical Signal Processing and Control, 2020, 60, 101945.	3.5	15
15	Implementing a Fuzzy Logic Based Algorithm to Predict Solar and Wind Energies in a Hybrid Renewable Energy System. International Journal of Fuzzy System Applications, 2015, 4, 10-24.	0.5	14
16	3D extension of the fast and adaptive bidimensional empirical mode decomposition. Multidimensional Systems and Signal Processing, 2015, 26, 823-834.	1.7	14
17	Moving object detection using a background modeling based on entropy theory and quad-tree decomposition. Journal of Electronic Imaging, 2016, 25, 061615.	0.5	14
18	A Survey on Educational Data Mining [2014-2019]. , 2020, , .		14

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19	Hand gesture recognition based on convexity approach and background subtraction. , 2018, , .		13
20	Application of MEEMD in postâ€processing of dimensionality reduction methods for face recognition. IET Biometrics, 2019, 8, 59-68.	1.6	13
21	PDE based scheme for multi-modal medical image watermarking. BioMedical Engineering OnLine, 2015, 14, 108.	1.3	11
22	Energy management in a hybrid PV/wind/battery system using a type-1 fuzzy logic computer algorithm. International Journal of Intelligent Engineering Informatics, 2016, 4, 229.	0.1	11
23	Moving object detection zone using a blockâ€based background model. IET Computer Vision, 2018, 12, 86-94.	1.3	11
24	Vehicle counting system in real-time. , 2018, , .		11
25	Video based human fall detection using von Mises distribution of motion vectors. , 2017, , .		10
26	Segmentation of medical images for the extraction of brain tumors: A comparative study between the Hidden Markov and Deep Learning approaches. , 2020, , .		9
27	Approach for using Learner Satisfaction to Evaluate the Learning Adaptation Policy. International Journal of Distance Education Technologies, 2016, 14, 1-12.	1.9	9
28	Using HMM Toolkit (HTK) for recognition of arabic manuscripts characters. , 2014, , .		8
29	Solving sub-pixel image registration problems using phase correlation and Lucas-Kanade optical flow method. , 2017, , .		8
30	Human motion tracking: A comparative study. Procedia Computer Science, 2019, 148, 145-153.	1.2	8
31	Content Based medical Image Retrieval based on BEMD: Optimization of a similarity metric. , 2010, 2010, 3069-72.		7
32	Moving objects detection based on thresholding operations for video surveillance systems. , 2015, , .		7
33	High accuracy optical flow estimation based on PDE decomposition. Signal, Image and Video Processing, 2015, 9, 1409-1418.	1.7	7
34	Brain waves-based index for workload estimation and mental effort engagement recognition. Journal of Physics: Conference Series, 2017, 904, 012008.	0.3	7
35	An Improved Images Watermarking Scheme Using FABEMD Decomposition and DCT. Lecture Notes in Computer Science, 2012, , 307-315.	1.0	6
36	Meaningful Learning for Deep Facial Emotional Features. Neural Processing Letters, 2022, 54, 387-404.	2.0	6

#	ARTICLE	IF	CITATIONS
37	Optical flow estimation based on the structure+texture image decomposition. Signal, Image and Video Processing, 2015, 9, 193-201.	1.7	5
38	Politic of security, privacy and transparency in human learning systems. Education and Information Technologies, 2016, 21, 521-530.	3.5	5
39	Robust segmentation of moving objects in video based on spatiotemporal visual saliency and active contour model. Journal of Electronic Imaging, 2016, 25, 061612.	0.5	5
40	Robust system for road sign detection and recognition using template matching. , 2017, , .		5
41	Hybrid strategy based on MAS for an intelligent energy management: Application to an electric vehicle. , 2017, , .		5
42	Pattern mining-based video saliency detection: Application to moving object segmentation. Computers and Electrical Engineering, 2018, 70, 567-579.	3.0	5
43	A new region based watermarking scheme for medical images. , 2019, , .		5
44	Motion detection and tracking using space-time interest points. , 2013, , .		4
45	Off-line recognition handwriting Arabic words using combination of multiple classifiers. , 2014, , .		4
46	Motion detection using color structure-texture image decomposition. , 2015, , .		4
47	A polynomial texture extraction with application in dynamic texture classification. , 2015, , .		4
48	The efficiency of PDE decomposition in images watermarking. Multimedia Tools and Applications, 2016, 75, 4593-4614.	2.6	4
49	Hybrid method for background modeling and subtracting. , 2017, , .		4
50	Automatic detection of the tumour on mammogram images based on hidden Markov and active contour with quasi-automatic initialisation. International Journal of Medical Engineering and Informatics, 2017, 9, 316.	0.2	4
51	A new image watermarking technique based on periodic plus smooth decomposition (PPSD). Soft Computing, 2018, 22, 2369-2379.	2.1	4
52	Modelling and implementation of an energy management simulator based on agents using optimised fuzzy rules: application to an electric vehicle. International Journal of Innovative Computing and Applications, 2018, 9, 203.	0.2	4
53	Extrusion and revolution mapping. ACM Transactions on Graphics, 2010, 29, 1-14.	4.9	3
54	A new robust watermarking scheme based on PDE decomposition. , 2013, , .		3

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55	MOTION DETECTION USING THE SPACE-TIME INTEREST POINTS. Journal of Computer Science, 2014, 10, 828-839.	0.5	3
56	Automatic Human Segmentation in Video Using Convex Active Contours. , 2016, , .		3
57	Motion estimation using the total variation-local-global optical flow and the structure-texture image decomposition. International Journal of Computer Applications in Technology, 2016, 53, 41.	0.3	3
58	Post-processing of dimensionality reduction methods for face recognition. Pattern Recognition and Image Analysis, 2017, 27, 266-275.	0.6	3
59	Comparative Study of Different Association Rule Methods. , 2018, , .		3
60	Content based image retrieval based on BEMD: Use of curvelet transform coefficients distribution and Gabor wavelets. , 2011, , .		2
61	Collaborative Xmeans-EM clustering for automatic detection and segmentation of moving objects in video. , 2015, , .		2
62	Visual moving object tracking via sparse representation based trackers: A comparative study. , 2015, , .		2
63	A type-1 fuzzy logic algorithm to manage the flow of energy in a stand-alone PV/wind/battery hybrid system. , 2015, , .		2
64	Spatial image polynomial decomposition with application to video classification. Journal of Electronic Imaging, 2015, 24, 061114.	0.5	2
65	Face Recognition Based on City-Block and Mahalanobis Cosine Distance. , 2016, , .		2
66	Moving object segmentation in video using spatiotemporal saliency and laplacian coordinates. , 2016, , .		2
67	Human Fall Detection Using Von Mises Distribution and Motion Vectors of Interest Points. , 2017, , .		2
68	Approach for tracking human being in surveillance videos. , 2017, , .		2
69	Tumor extraction and elimination of pectoral muscle based on hidden Markov and region growing: Applied based MIAS. , 2017, , .		2
70	Head Gesture Recognition Using Optical Flow Based Background Subtraction. Lecture Notes in Networks and Systems, 2018, , 200-211.	0.5	2
71	Energy Management of An Extended Hybrid Renewable Energy System For Isolated Sites Using A Fuzzy Logic Controller. IOP Conference Series: Materials Science and Engineering, 2018, 353, 012025.	0.3	2
72	Road sign recognition with Convolutional Neural Network. , 2018, , .		2

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73	Personalized E Learning Systems Based On Automatic Approach. , 2019, , .		2
74	Vehicle Detection using Road Lines. , 2019, , .		2
75	Vehicle Counting Based on Road Lines. Pattern Recognition and Image Analysis, 2021, 31, 739-748.	0.6	2
76	FABEMD Based Image Watermarking in Wavelet Domain. Lecture Notes in Computer Science, 2014, , 304-313.	1.0	1
77	Image Analysis Using Disc-Harmonic Moments and Their RST Invariants in Pattern Recognition. , 2016, , .		1
78	Phase Extraction Method in Fringe Projection Profilometry Using Instantaneous Frequency. , 2016, , .		1
79	An efficient post-processing approach for dimensionality reduction methods for face recognition. , 2017, , .		1
80	Moving object detection with an adaptive background model. , 2017, , .		1
81	Predicting Learning Tracking: A comparative study. , 2018, , .		1
82	Offline Arabic Handwriting Recognition System Based on the Combination of Multiple Semi-Continuous HMMs. International Review on Computers and Software, 2015, 10, 677.	0.1	1
83	Implementing a Fuzzy Logic Based Algorithm to Predict Solar and Wind Energies in a Hybrid Renewable Energy System. , 2017, , 1220-1235.		1
84	The Optimization of Resources Within the Implementation of a Big Data Solution. Advances in Intelligent Systems and Computing, 2020, , 439-446.	0.5	1
85	A Robust System for Road Sign Detection and Classification Using LeNet Architecture Based on Convolutional Neural Network. Advances in Computational Intelligence and Robotics Book Series, 2020, , 57-75.	0.4	1
86	Visual servo control using orthinormal polynomial. , 2003, , .		0
87	Three-dimensional level curves scanning based on intersection between laser lines. , 2003, 5144, 315.		0
88	Fingerprint verification based on minutiae and moments. , 2010, , .		0
89	An easy framework for an accurate estimation of the Structure From Motion. , 2012, , .		0
90	Robust digital image watermarking based on joint FABEMD-DCT. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
91	Detecting motion using the Structure-Texture Image Decomposition and Space-Time Interest Points. , 2013, , .		0
92	Fuzzy multi-agent approach for diagnosis application to electrical energy storage systems. , 2014, , .		0
93	Affine Reconstruction based on the Projective Reconstruction and Homography at Infinity. , 2015, , .		0
94	An Effective Foreground Detection Approach Using a Block-Based Background Modeling. , 2016, , .		0
95	Visual tracking of a moving object via the soft cosine measure. , 2017, , .		0
96	Boundary connectedness based video cut for moving object segmentation. , 2017, , .		0
97	Pattern mining based video saliency detection. , 2017, , .		0
98	3D face recognition in the presence of facial expressions based on empirical mode decomposition. , 2018, , .		0
99	Tracking by detection of a human being in image sequences. , 2019, , .		0
100	Prediction of Solar and Wind Energies by Fuzzy Logic Control. , 2017, , 807-834.		0
101	Prediction of Solar and Wind Energies by Fuzzy Logic Control. Advances in Computational Intelligence and Robotics Book Series, 2017, , 351-379.	0.4	0
102	Boundary connectedness-based salient video object segmentation. Journal of Electronic Imaging, 2018, 27, 1.	0.5	0