Mohammad M Dehshibi

List of Publications by Year
in descending order

39 papers	454 citations	933447 10 h-index	839539 18 g-index
41 all docs	41 docs citations	41 times ranked	318 citing authors

#	Article	IF	Citations
1	A Deep Multimodal Learning Approach to Perceive Basic Needs of Humans From Instagram Profile. IEEE Transactions on Affective Computing, 2023, 14, 944-956.	8.3	3
2	On the Use of Uncertainty in Classifying *Aedes Albopictus* Mosquitoes. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 224-233.	10.8	2
3	Fungal electronics. BioSystems, 2022, 212, 104588.	2.0	14
4	Living wearables: Bacterial reactive glove. BioSystems, 2022, 218, 104691.	2.0	10
5	Reactive fungal wearable. BioSystems, 2021, 199, 104304.	2.0	41
6	A Deep Convolutional Neural Network for Classification of *Aedes Albopictus* Mosquitoes. IEEE Access, 2021, 9, 72681-72690.	4.2	13
7	Electrical activity of fungi: Spikes detection and complexity analysis. BioSystems, 2021, 203, 104373.	2.0	26
8	Stimulating Fungi *Pleurotus ostreatus* with Hydrocortisone. ACS Biomaterials Science and Engineering, 2021, 7, 3718-3726.	5.2	12
9	A robust image-based cryptology scheme based on cellular nonlinear network and local image descriptors. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 514-534.	1.0	2
10	A Novel Method for Reconstructing CT Images in GATE/GEANT4 with Application in Medical Imaging: A Complexity Analysis Approach. Journal of Information Processing, 2020, 28, 161-168.	0.4	4
11	Cubic norm and kernel-based bi-directional PCA: toward age-aware facial kinship verification. Visual Computer, 2019, 35, 23-40.	3.5	18
12	Exploring Tehran with Excitable Medium. , 2019, , 445-488.		2
13	East-West paths to unconventional computing. Progress in Biophysics and Molecular Biology, 2017, 131, 469-493.	2.9	14
14	Coarse-grained correspondence-based ancient Sasanian coin classification by fusion of local features and sparse representation-based classifier. Multimedia Tools and Applications, 2017, 76, 15535-15560.	3.9	9
15	A hybrid bio-inspired learning algorithm for image segmentation using multilevel thresholding. Multimedia Tools and Applications, 2017, 76, 15951-15986.	3.9	22
16	On Complexity of Persian Orthography: L-Systems Approach. Complex Systems, 2016, 25, 127-156.	0.3	8
17	Metamorphic malware detection using opcode frequency rate and decision tree. International Journal of Information Security and Privacy, 2016, 10, 67-86.	0.8	11
18	TeMu-app: Music characters recognition using HOG and SVM. , 2015, , .		3

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19	MedLab: Medical laboratory test document analysis using HoG and SVM. , 2015, , .		0
20	HOG and LBP: Towards a robust face recognition system. , 2015, , .		26
21	Optimized SIFT: An efficient algorithm for matching medical products images. , 2015, , .		1
22	Art gallery in hand: Towards creating a mobile application for retrieving painting information. , 2015, , .		0
23	On Growing Persian Words with L-Systems: Visual Modeling of Neyname. International Journal of Image and Graphics, 2015, 15, 1550011.	1.5	5
24	Pattern formation using L-systems: A case study in forming Neyname's words. AIP Conference Proceedings, 2015, , .	0.4	2
25	Vision-Based Site Selection for Emergency Landing of UAVs. Advances in Intelligent Systems and Computing, 2015, , 133-142.	0.6	3
26	Statistical Feature Fusion for Sassanian Coin Classification. Advances in Intelligent Systems and Computing, 2015, , 75-84.	0.6	1
27	Linear principal transformation: toward locating features in N-dimensional image space. Multimedia Tools and Applications, 2014, 72, 2249-2273.	3.9	6
28	Pattern Formation Using Cellular Automata and L-Systems: A Case Study in Producing Islamic Patterns. Emergence, Complexity and Computation, 2014, , 233-252.	0.3	6
29	Kernel-based Persian viseme clustering. , 2013, , .		0
30	Kernel-based object tracking using particle filter with incremental Bhattacharyya similarity. , 2013, , .		3
31	Clustering Persian viseme using phoneme subspace for developing visual speech application. Multimedia Tools and Applications, 2013, 65, 521-541.	3.9	19
32	Counting the number of cells in immunocytochemical images using genetic algorithm. , 2012, , .		10
33	Facial family similarity recognition using Local Gabor Binary Pattern Histogram Sequence. , 2012, , .		3
34	A multilevel thresholding method for image segmentation using a novel hybrid intelligent approach. , 2012, , .		5
35	A novel hybrid algorithm for optimization in multimodal Dynamic environments. , 2012, , .		8
36	Persian Vehicle License Plate Recognition Using Multiclass Adaboost. International Journal of Computer and Electrical Engineering, 2012, , 355-358.	0.2	21

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37	Shoulder Point Detection: A Fast Geometric Data Fitting Algorithm. , 2011, , .		2
38	A new algorithm for age recognition from facial images. Signal Processing, 2010, 90, 2431-2444.	3.7	79
39	Iranian Face Database with age, pose and expression. , 2007, , .		32