Mohsen Soryani

List of Publications by Year
in descending order

59 papers	748 citations	759233 12 h-index	610901 24 g-index
59 all docs	59 docs citations	59 times ranked	742 citing authors

#	Article	IF	Citations
1	Cloud Removal in Remote Sensing Images Using Generative Adversarial Networks and SAR-to-Optical Image Translation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	6.3	31
2	An Augmented Reality Framework for Eye Muscle Education. , 2022, , .		0
3	An intelligent spraying robot based on plant bulk volume. Computers and Electronics in Agriculture, 2021, 180, 105859.	7.7	28
4	Hierarchical deep neural networks to detect driver drowsiness. Multimedia Tools and Applications, 2021, 80, 16045-16058.	3.9	23
5	Computer vision€based recognition of driver distraction: A review. Concurrency Computation Practice and Experience, 2021, 33, e6475.	2.2	18
6	Computer aided detection in automated 3-D breast ultrasound images: a survey. Artificial Intelligence Review, 2020, 53, 1919-1941.	15.7	22
7	Action recognition in freestyle wrestling using silhouette-skeleton features. Engineering Science and Technology, an International Journal, 2020, 23, 921-930.	3.2	5
8	EKFPnP: extended Kalman filter for camera pose estimation in a sequence of images. IET Image Processing, 2020, 14, 3774-3780.	2.5	8
9	Driver Distraction Recognition using 3D Convolutional Neural Networks. , 2019, , .		31
10	Driver Drowsiness Detection by Yawn Identification Based on Depth Information and Active Contour Model. , 2019, , .		3
11	Mass Segmentation in Automated 3-D Breast Ultrasound Using Adaptive Region Growing and Supervised Edge-Based Deformable Model. IEEE Transactions on Medical Imaging, 2018, 37, 918-928.	8.9	48
12	Persian Handwritten Character Recognition Using Convolutional Neural Network. , 2018, , .		4
13	Breast cancer detection in automated 3D breast ultrasound using iso-contours and cascaded RUSBoosts. Ultrasonics, 2017, 79, 68-80.	3.9	31
14	A cost-sensitive Bayesian combiner for reducing false positives in mammographic mass detection. Biomedizinische Technik, 2017, 64, 39-52.	0.8	0
15	From machine generated to handwritten character recognition; a deep learning approach. , 2017, , .		7
16	Improving persian digit recognition by combining data augmentation and AlexNet. , 2017, , .		8
17	Malware clustering using image processing hashes. , 2015, , .		12
18	Introducing Coplanar Wire Crossing in Ternary Quantum Cellular Automata. Journal of Computational and Theoretical Nanoscience, 2015, 12, 1647-1651.	0.4	1

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19	A Review on Driver Face Monitoring Systems for Fatigue and Distraction Detection. International Journal of Advanced Science and Technology, 2014, 64, 73-100.	0.3	75
20	A probabilistic approach for video stabilisation in compressed domain. Imaging Science Journal, 2014, 62, 197-205.	0.5	0
21	Informative visual words construction to improve bag of words image representation. IET Image Processing, 2014, 8, 310-318.	2.5	7
22	Dynamic Video Texture Inpainting Using Improving LDS. British Journal of Mathematics & Computer Science, 2014, 4, 2872-2883.	0.3	0
23	Improving inter-node communications in multi-core clusters using a contention-free process mapping algorithm. Journal of Supercomputing, 2013, 66, 488-513.	3.6	6
24	Body posture graph: a new graph†based posture descriptor for human behaviour recognition. IET Computer Vision, 2013, 7, 488-499.	2.0	8
25	Improvement the Bag of Words Image Representation Using Spatial Information. Advances in Intelligent Systems and Computing, 2013, , 681-690.	0.6	8
26	Assessment of a novel mass detection algorithm in mammograms. Journal of Cancer Research and Therapeutics, 2013, 9, 592.	0.9	57
27	Tracking and graph-cut based approach for panoramic background construction. Journal of Electronic Imaging, 2013, 22, 041122.	0.9	0
28	A Driver Face Monitoring System for Fatigue and Distraction Detection. International Journal of Vehicular Technology, 2013, 2013, 1-11.	1.1	106
29	Coplanar wire crossing in quantum cellular automata using a ternary cell. IET Circuits, Devices and Systems, 2013, 7, 263-272.	1.4	31
30	Video object inpainting: a scale-robust method. Imaging Science Journal, 2012, 60, 272-284.	0.5	1
31	Cell Number Optimization for Quantum Cellular Automata Based on AND-OR-INVERTER. Journal of Computational and Theoretical Nanoscience, 2012, 9, 627-630.	0.4	3
32	Vehicular ad hoc networks enabled traffic controller for removing traffic lights in isolated intersections based on integer linear programming. IET Intelligent Transport Systems, 2012, 6, 115.	3.0	26
33	A Novel Ternary-to-Binary Converter in Quantum-Dot Cellular Automata. , 2012, , .		8
34	Planning VANET infrastructures to improve safety awareness in curved roads. Journal of Zhejiang University: Science C, 2012, 13, 918-928.	0.7	2
35	Contour-Based Video Inpainting. , 2011, , .		9
36	Robust watermarking scheme based on RDWT-SVD: Embedding data in all subbands. , 2011, , .		33

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37	Cell number optimization for Quantum Cellular Automata based on genetic algorithm. , 2011, , .		3
38	Efficient key frames selection for panorama generation from video. Journal of Electronic Imaging, 2011, 20, 023015.	0.9	5
39	Curve Fitting Using Coevolutionary Genetic Algorithms. Lecture Notes in Computer Science, 2011, , 201-210.	1.3	0
40	Exemplar-based video inpainting with large patches. Journal of Zhejiang University: Science C, 2010, 11, 270-277.	0.7	8
41	A new low cost fault tolerant solution for mesh based NoCs. , 2010, , .		1
42	Fuzzy Two Time-scale Congestion Control Algorithm. , 2009, , .		0
43	Modeling and Analyzing of Blocking Time Effects on Power Consumption in Network-on-Chips. , 2009, , .		2
44	Key frames selection into panoramic mosaics. , 2009, , .		5
45	A Predominant Routing for on-chip networks. , 2009, , .		2
46	A Fault Tolerant NoC Architecture for Reliability Improvement and Latency Reduction. , 2009, , .		14
47	Direct Computation of Epipoles Using Two Pairs of Point-Line Correspondences. , 2008, , .		2
48	Wireless TCP-Friendly Rate Control over the DCCP Transport Protocol. , 2008, , .		5
49	Channel access delay analysis of IEEE 802-16 Best Effort services. , 2008, , .		1
50	Statistical shape based multispectral image retrieval extracting Power Spectrum Vectors. , 2008, , .		0
51	Content Based Multispectral Image Retrieval Using Independent Component Analysis. , 2008, , .		2
52	A Novel Approach for Branch Buffer Consuming Power Reduction. , 2008, , .		2
53	AIMD-TCP-Friendly Rate Control Over Wireless Networks. , 2008, , .		1
54	Some enhanced cache replacement policies for reducing power in mobile devices. , 2008, , .		2

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55	The Effect of Core Number and Core Diversity on Power and Performance in Multicore Processors. Communications in Computer and Information Science, 2008, , 251-258.	0.5	0
56	Performance Evaluation of Cache Memory Organizations in Embedded Systems. , 2007, , .		11
57	Comparison of Two Feature Selection Methods in Intrusion Detection Systems. , 2007, , .		10
58	Segmented coding of digital image sequences. IEE Proceedings, Part I: Communications, Speech and Vision, 1992, 139, 212.	0.2	6
59	Coding moving image sequences by segmentation of difference frames and motion-adaptive frame interpolation. Electronics Letters, 1989, 25, 794.	1.0	6