

Mohsen Soryani

List of Publications by Year in descending order

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59
papers

748
citations

759233

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24
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59
all docs

59
docs citations

59
times ranked

742
citing authors

#	ARTICLE	IF	CITATIONS
1	A Driver Face Monitoring System for Fatigue and Distraction Detection. International Journal of Vehicular Technology, 2013, 2013, 1-11.	1.1	106
2	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
3	Assessment of a novel mass detection algorithm in mammograms. Journal of Cancer Research and Therapeutics, 2013, 9, 592.	0.9	57
4	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
5	Robust watermarking scheme based on RDWT-SVD: Embedding data in all subbands. , 2011, , .		33
6	Coplanar wire crossing in quantum cellular automata using a ternary cell. IET Circuits, Devices and Systems, 2013, 7, 263-272.	1.4	31
7	Breast cancer detection in automated 3D breast ultrasound using iso-contours and cascaded RUSBoosts. Ultrasonics, 2017, 79, 68-80.	3.9	31
8	Driver Distraction Recognition using 3D Convolutional Neural Networks. , 2019, , .		31
9	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
10	An intelligent spraying robot based on plant bulk volume. Computers and Electronics in Agriculture, 2021, 180, 105859.	7.7	28
11	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
12	Hierarchical deep neural networks to detect driver drowsiness. Multimedia Tools and Applications, 2021, 80, 16045-16058.	3.9	23
13	Computer aided detection in automated 3-D breast ultrasound images: a survey. Artificial Intelligence Review, 2020, 53, 1919-1941.	15.7	22
14	Computer vision-based recognition of driver distraction: A review. Concurrency Computation Practice and Experience, 2021, 33, e6475.	2.2	18
15	A Fault Tolerant NoC Architecture for Reliability Improvement and Latency Reduction. , 2009, , .		14
16	Malware clustering using image processing hashes. , 2015, , .		12
17	Performance Evaluation of Cache Memory Organizations in Embedded Systems. , 2007, , .		11
18	Comparison of Two Feature Selection Methods in Intrusion Detection Systems. , 2007, , .		10

#	ARTICLE	IF	CITATIONS
19	Contour-Based Video Inpainting. , 2011, , .		9
20	Exemplar-based video inpainting with large patches. Journal of Zhejiang University: Science C, 2010, 11, 270-277.	0.7	8
21	A Novel Ternary-to-Binary Converter in Quantum-Dot Cellular Automata. , 2012, , .		8
22	Body posture graph: a new graph-based posture descriptor for human behaviour recognition. IET Computer Vision, 2013, 7, 488-499.	2.0	8
23	Improvement the Bag of Words Image Representation Using Spatial Information. Advances in Intelligent Systems and Computing, 2013, , 681-690.	0.6	8
24	Improving persian digit recognition by combining data augmentation and AlexNet. , 2017, , .		8
25	EKFpNp: extended Kalman filter for camera pose estimation in a sequence of images. IET Image Processing, 2020, 14, 3774-3780.	2.5	8
26	Informative visual words construction to improve bag of words image representation. IET Image Processing, 2014, 8, 310-318.	2.5	7
27	From machine generated to handwritten character recognition; a deep learning approach. , 2017, , .		7
28	Coding moving image sequences by segmentation of difference frames and motion-adaptive frame interpolation. Electronics Letters, 1989, 25, 794.	1.0	6
29	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
30	Segmented coding of digital image sequences. IEE Proceedings, Part I: Communications, Speech and Vision, 1992, 139, 212.	0.2	6
31	Wireless TCP-Friendly Rate Control over the DCCP Transport Protocol. , 2008, , .		5
32	Key frames selection into panoramic mosaics. , 2009, , .		5
33	Efficient key frames selection for panorama generation from video. Journal of Electronic Imaging, 2011, 20, 023015.	0.9	5
34	Action recognition in freestyle wrestling using silhouette-skeleton features. Engineering Science and Technology, an International Journal, 2020, 23, 921-930.	3.2	5
35	Persian Handwritten Character Recognition Using Convolutional Neural Network. , 2018, , .		4
36	Cell number optimization for Quantum Cellular Automata based on genetic algorithm. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	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
38	Driver Drowsiness Detection by Yawn Identification Based on Depth Information and Active Contour Model. , 2019, , .		3
39	Direct Computation of Epipoles Using Two Pairs of Point-Line Correspondences. , 2008, , .		2
40	Content Based Multispectral Image Retrieval Using Independent Component Analysis. , 2008, , .		2
41	A Novel Approach for Branch Buffer Consuming Power Reduction. , 2008, , .		2
42	Some enhanced cache replacement policies for reducing power in mobile devices. , 2008, , .		2
43	Modeling and Analyzing of Blocking Time Effects on Power Consumption in Network-on-Chips. , 2009, , .		2
44	A Predominant Routing for on-chip networks. , 2009, , .		2
45	Planning VANET infrastructures to improve safety awareness in curved roads. Journal of Zhejiang University: Science C, 2012, 13, 918-928.	0.7	2
46	Channel access delay analysis of IEEE 802-16 Best Effort services. , 2008, , .		1
47	AIMD-TCP-Friendly Rate Control Over Wireless Networks. , 2008, , .		1
48	A new low cost fault tolerant solution for mesh based NoCs. , 2010, , .		1
49	Video object inpainting: a scale-robust method. Imaging Science Journal, 2012, 60, 272-284.	0.5	1
50	Introducing Coplanar Wire Crossing in Ternary Quantum Cellular Automata. Journal of Computational and Theoretical Nanoscience, 2015, 12, 1647-1651.	0.4	1
51	Statistical shape based multispectral image retrieval extracting Power Spectrum Vectors. , 2008, , .		0
52	Fuzzy Two Time-scale Congestion Control Algorithm. , 2009, , .		0
53	Tracking and graph-cut based approach for panoramic background construction. Journal of Electronic Imaging, 2013, 22, 041122.	0.9	0
54	A probabilistic approach for video stabilisation in compressed domain. Imaging Science Journal, 2014, 62, 197-205.	0.5	0

#	ARTICLE	IF	CITATIONS
55	A cost-sensitive Bayesian combiner for reducing false positives in mammographic mass detection. Biomedizinische Technik, 2017, 64, 39-52.	0.8	0
56	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
57	Curve Fitting Using Coevolutionary Genetic Algorithms. Lecture Notes in Computer Science, 2011, , 201-210.	1.3	0
58	Dynamic Video Texture Inpainting Using Improving LDS. British Journal of Mathematics & Computer Science, 2014, 4, 2872-2883.	0.3	0
59	An Augmented Reality Framework for Eye Muscle Education. , 2022, , .		0