Mohamed El Ansari

List of Publications by Year
in descending order

52	774	15	25
papers	citations	h-index	g-index

567144

580701

52	52	52	414
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Traffic sign detection and recognition based on random forests. Applied Soft Computing Journal, 2016, 46, 805-815.	4.1	131
2	Computer-aided diagnosis system for colon abnormalities detection in wireless capsule endoscopy images. Multimedia Tools and Applications, 2018, 77, 4047-4064.	2.6	61
3	Multi-scale completed local binary patterns for ulcer detection in wireless capsule endoscopy images. Multimedia Tools and Applications, 2019, 78, 13091-13108.	2.6	45
4	A new thermal infrared and visible spectrum images-based pedestrian detection system. Multimedia Tools and Applications, 2019, 78, 15861-15885.	2.6	33
5	A new regions matching for color stereo images. Pattern Recognition Letters, 2007, 28, 1679-1687.	2.6	28
6	Mean shift and log-polar transform for road sign detection. Multimedia Tools and Applications, 2017, 76, 24495-24513.	2.6	28
7	Computer‑aided diagnosis system for ulcer detection in wireless capsule endoscopy images. IET Image Processing, 2019, 13, 1023-1030.	1.4	27
8	Traffic Sign Detection and Recognition using Features Combination and Random Forests. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	24
9	Temporal consistent real-time stereo for intelligent vehicles. Pattern Recognition Letters, 2010, 31, 1226-1238.	2.6	23
10	Fast spatio-temporal stereo matching for advanced driver assistance systems. Neurocomputing, 2016, 194, 24-33.	3.5	23
11	A new region matching method for stereoscopic images. Pattern Recognition Letters, 2000, 21, 283-294.	2.6	21
12	MelaNet: an effective deep learning framework for melanoma detection using dermoscopic images. Multimedia Tools and Applications, 2022, 81, 16021-16045.	2.6	20
13	Fast edge-based stereo matching approach for road applications. Signal, Image and Video Processing, 2017, 11, 267-274.	1.7	19
14	A New Automated Polyp Detection Network MP-FSSD in WCE and Colonoscopy Images Based Fusion Single Shot Multibox Detector and Transfer Learning. IEEE Access, 2022, 10, 47124-47140.	2.6	19
15	Detection of abnormalities in wireless capsule endoscopy based on extreme learning machine. Signal, Image and Video Processing, 2021, 15, 877-884.	1.7	18
16	Multisensors-based pedestrian detection system. , 2016, , .		16
17	Multi‑scale analysis of ulcer disease detection from WCE images. IET Image Processing, 2019, 13, 2233-2244.	1.4	15
18	GastroNet: Abnormalities Recognition in Gastrointestinal Tract through Endoscopic Imagery using Deep Learning Techniques. , 2020, , .		15

#	Article	IF	Citations
19	Fast spatio-temporal stereo for intelligent transportation systems. Pattern Analysis and Applications, 2014, 17, 211-221.	3.1	14
20	Computer-aided diagnosis system for ulcer detection in wireless capsule endoscopy videos. , 2017, , .		13
21	A real-time spatio-temporal stereo matching for road applications. , 2011, , .		12
22	A locally based feature descriptor for abnormalities detection. Soft Computing, 2020, 24, 4469-4481.	2.1	12
23	Traffic sign recognition method for intelligent vehicles. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 1907.	0.8	12
24	Temporal consistent fast stereo matching for advanced driver assistance systems (ADAS). , 2010, , .		11
25	Automatic road sign detection and recognition based on neural network. Soft Computing, 2022, 26, 1743-1764.	2.1	11
26	Boundary solution of Poisson's equation using radial basis function collocated on Gaussian quadrature nodes. Communications in Numerical Methods in Engineering, 2001, 17, 455-464.	1.3	9
27	A new stereo matching approach for real-time road obstacle detection for situations with deteriorated visibility. , 2008, , .		9
28	A fully automated ulcer detection system for wireless capsule endoscopy images. , 2017, , .		9
29	Automatic detection of Moroccan coastal upwelling zones using sea surface temperature images. International Journal of Remote Sensing, 2019, 40, 2648-2666.	1.3	9
30	New features for wireless capsule endoscopy polyp detection. , 2018, , .		8
31	A Hybrid Pedestrian Detection System based on Visible Images and LIDAR Data. , 2018, , .		8
32	A 2-D robust high-resolution frequency estimation approach. Signal Processing, 2005, 85, 1165-1188.	2.1	7
33	A new designed descriptor for road sign recognition. , 2017, , .		7
34	Complementary features for traffic sign detection and recognition. , 2016, , .		6
35	Computer-aided system for Polyp detection in wireless capsule endoscopy images. , 2017, , .		6
36	Support vector machines based stereo matching method for advanced driver assistance systems. Multimedia Tools and Applications, 2020, 79, 27039-27055.	2.6	5

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37	Fine-tuned deep neural networks for polyp detection in colonoscopy images. Personal and Ubiquitous Computing, 2023, 27, 235-247.	1.9	5
38	Temporal consistent stereo matching approach for road applications. , 2016, , .		4
39	Gastrointestinal tract bleeding detection from wireless capsule endoscopy videos. , 2017, , .		4
40	Regularized Convolutional Neural Network forÂPneumonia Detection Trough Chest X-Rays. Advances in Intelligent Systems and Computing, 2022, , 887-896.	0.5	4
41	A novel visible spectrum images-based pedestrian detection and tracking system for surveillance in non-controlled environments. Multimedia Tools and Applications, 2022, 81, 39275-39309.	2.6	4
42	Robust high resolution image spectral analysis. , 0, , .		3
43	A Fast Road Obstacle Detection Using Association and Symmetry recognition. , 2019, , .		3
44	A Novel Approach for On-road Vehicle Detection and Tracking. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	3
45	Fast spatio-temporal stereo matching method for omnidirectional images. , 2018, , .		2
46	A new dense omnidirectional stereo matching approach. , 2018, , .		2
47	Dense spatioâ€temporal stereo matching for intelligent driving systems. IET Image Processing, 2021, 15, 715-723.	1.4	2
48	Automated Detection ofÂWireless Capsule Endoscopy Polyp Abnormalities withÂDeep Transfer Learning andÂSupport Vector Machines. Advances in Intelligent Systems and Computing, 2022, , 870-880.	0.5	2
49	On the a-priori error analysis and convergence of meshless BEM. Engineering Analysis With Boundary Elements, 2006, 30, 588-597.	2.0	1
50	Image segmentation using hierarchical analysis of 2D-histograms - Application to medical images. , 2009, , .		1
51	Prelimenary results of red lesion segmentation in WCE images. E3S Web of Conferences, 2021, 297, 01060.	0.2	0
52	Disparity estimation using Graph cuts for road applications. E3S Web of Conferences, 2021, 297, 01055.	0.2	0