Amine Aouatif

List of Publications by Year
in descending order

45 papers	593 citations	933264 10 h-index	677027 22 g-index
45 all docs	45 docs citations	45 times ranked	578 citing authors

#	Article	IF	Citations
1	A two-stage gene selection scheme utilizing MRMR filter and GA wrapper. Knowledge and Information Systems, 2011, 26, 487-500.	2.1	150
2	Big data monetization throughout Big Data Value Chain: a comprehensive review. Journal of Big Data, 2020, 7, .	6.9	87
3	Driverâ€™s Fatigue Detection Based on Yawning Extraction. International Journal of Vehicular Technology, 2014, 2014, 1-7.	1.1	65
4	Driver head pose estimation using efficient descriptor fusion. Eurasip Journal on Image and Video Processing, 2016, 2016, .	1.7	41
5	A hybrid mobile object tracker based on the modified Cuckoo Search algorithm and the Kalman Filter. Pattern Recognition, 2014, 47, 3597-3613.	5.1	27
6	Anisotropic Discrete Dual-Tree Wavelet Transform for Improved Classification of Trabecular Bone. IEEE Transactions on Medical Imaging, 2017, 36, 2077-2086.	5.4	25
7	Trabecular bone characterization using circular parametric models. Biomedical Signal Processing and Control, 2017, 33, 411-421.	3.5	19
8	Eye state analysis using iris detection based on Circular Hough Transform. , 2011, , .		18
9	DCT and HOG Feature Sets Combined with BPNN for Efficient Face Classification. Procedia Computer Science, 2019, 148, 116-125.	1.2	15
10	Noise Reduction in Medical Images - comparison of noise removal algorithms -. , 2012, , .		14
11	A hierarchical stereo matching algorithm based on adaptive support region aggregation method. Pattern Recognition Letters, 2018, 112, 205-211.	2.6	14
12	Comparative Study of Machine Learning Algorithms Using the Breast Cancer Dataset. Advances in Intelligent Systems and Computing, 2020, , 83-91.	0.5	11
13	Sift Descriptors Modeling and Application in Texture Image Classification. , 2016, , .		10
14	Firefly Algorithm for Supply Chain Optimization. Lobachevskii Journal of Mathematics, 2018, 39, 355-367.	0.1	10
15	Investigation of feature dimension reduction based DCT/SVM for face recognition. , 2008, , .		9
16	Combining DCT and LBP Feature Sets For Efficient Face Recognition. , 2008, , .		9
17	Driverâ€™s Fatigue and Drowsiness Detection to Reduce Traffic Accidents on Road. Lecture Notes in Computer Science, 2011, , 397-404.	1.0	8
18	A Novel Solution to Prevent Accidents using V2I in Moroccan Smart Cities. , 2019, , .		7

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19	SVM-Based Face Recognition Using Genetic Search for Frequency-Feature Subset Selection. Lecture Notes in Computer Science, 2008, , 321-328.	1.0	7
20	Accurate dense stereo matching for road scenes. , 2017, , .		6
21	Smart city: Recommendation of personalized services in patrimony tourism. , 2016, , .		5
22	Will Capsule Networks overcome Convolutional Neural Networks on Pedestrian Walking Direction ?. , 2019, , .		5
23	Exploitation of spectral indices NDVI, NDWI & SAVI in Random Forest classifier model for mapping weak rosemary cover: application on Gourrama region, Morocco. , 2020, , .		4
24	Estimating driver head pose using steerable pyramid and probabilistic learning. International Journal of Computational Vision and Robotics, 2015, 5, 347.	0.2	3
25	The Performance of LBP and NSVC Combination Applied to Face Classification. Applied Computational Intelligence and Soft Computing, 2016, 2016, 1-10.	1.6	3
26	Green Logistics Practices. , 2017, , .		3
27	A Robust Approach for Mammographic Image Classification Using NSVC Algorithm. , 2016, , .		2
28	Face Classification under Different Kernel Function Compared to KNN Classifier. , 2016, , .		2
29	Study of the relative magnitude in the wavelet domain for texture characterization. Signal, Image and Video Processing, 2018, 12, 1403-1410.	1.7	2
30	Structural Similarity Measurement Based Cost Function for Stereo Matching of Automotive Applications. Journal of Imaging, 2020, 6, 77.	1.7	2
31	A Random Forest-Cellular Automata Modeling Approach to Predict Future Forest Cover Change in Middle Atlas Morocco, Under Anthropic, Biotic and Abiotic Parameters. Lecture Notes in Computer Science, 2020, , 91-100.	1.0	2
32	Selective object tracker: Evaluation and enhancement. , 2014, , .		1
33	Pre collision detection system for pedestrian safety based on HOL. , 2015, , .		1
34	Texture classification using relative phase and Gaussian mixture models in the complex wavelet domain. , 2016, , .		1
35	A highly efficient system for Mammographic Image Classification Using NSVC Algorithm. Procedia Computer Science, 2019, 148, 135-144.	1.2	1
36	Survey on the Use of Health Information Systems in Morocco: Current Situation, Obstacles and Proposed Solutions. Advances in Intelligent Systems and Computing, 2019, , 197-204.	0.5	1

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37	Fully anisotropic morlet transform for the study of the trabecular bone texture variations. , 2017, , .		1
38	The Performance Improvement on 4-FB Face using Random Forest Classifier. Scientific Visualization, 2018, 10, 1-12.	0.2	1
39	Driver Behavior Assistance in Road Intersections. Advances in Intelligent Systems and Computing, 2020, , 53-60.	0.5	1
40	A novel selective approach for tracking individuals in video sequences. , 2012, , .		0
41	Monitoring drivers drowsiness using a wide angle lens. , 2013, , .		0
42	The Hexagonal Geometrical Structure of the N-Coverage Networks in the G2-Lie Algebra Framework. Wireless Personal Communications, 2016, 89, 319-330.	1.8	0
43	An enhanced cross-scale adaptive cost aggregation for stereo matching. , 2017, , .		0
44	Towards a Novel Reidentification Method Using Metaheuristics. Operations Research/ Computer Science Interfaces Series, 2018, , 429-445.	0.3	0
45	Fast MicroSleep and Yawning Detections to Assess Driver's Vigilance Level. , 2011, , .		0