

Jules-Raymond Tapamo

List of Publications by Year in descending order

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papers

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475
citing authors

#	ARTICLE	IF	CITATIONS
1	Hand Bone Age Estimation Using Deep Convolutional Neural Networks. Lecture Notes in Computer Science, 2022, , 61-72.	1.0	0
2	Combining Multi-Layer Perceptron and Local Binary Patterns for Thermite Weld Defects Classification. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 203-216.	0.2	0
3	Automatic Dynamic Range Adjustment for Pedestrian Detection in Thermal (Infrared) Surveillance Videos. Sensors, 2022, 22, 1728.	2.1	3
4	Collaborative Mobile Edge Computing in eV2X: A Solution for Low-Cost Driver Assistance Systems. Wireless Personal Communications, 2021, 118, 1869-1882.	1.8	4
5	Classification of Rail Welding Defects Based on the Bag of Visual Words Approach. Lecture Notes in Computer Science, 2021, , 207-218.	1.0	1
6	Cluster Analysis of Mixed and Missing Chronic Kidney Disease Data in KwaZulu-Natal Province, South Africa. IEEE Access, 2021, 9, 52125-52143.	2.6	3
7	Fast Background Subtraction and Graph Cut for Thermal Pedestrian Detection. Lecture Notes in Computer Science, 2021, , 219-228.	1.0	1
8	Classification of Thermite Welding Defects using Local Binary Patterns and K Nearest Neighbors. , 2021, , .		2
9	Spatio-Temporal Scale Coded Bag-of-Words. Sensors, 2020, 20, 6380.	2.1	2
10	Detecting inter-sectional accuracy differences in driver drowsiness detection algorithms. , 2020, , .		6
11	Bias Remediation in Driver Drowsiness Detection Systems Using Generative Adversarial Networks. IEEE Access, 2020, 8, 55592-55601.	2.6	23
12	Circular Local Directional Pattern for Texture Analysis. Lecture Notes in Computer Science, 2020, , 131-142.	1.0	0
13	Factors Affecting the Cost to Accuracy Balance for Real-Time Video-Based Action Recognition. Lecture Notes in Computer Science, 2020, , 807-818.	1.0	0
14	DepthwiseGANs: Fast Training Generative Adversarial Networks for Realistic Image Synthesis. , 2019, , .		4
15	A 2D Convolutional Neural Network Approach for Human Action Recognition. , 2019, , .		2
16	Task Scheduling in Cloud Computing: A Review. , 2019, , .		9
17	A Review of Wavelet Transform based Techniques for Denoising Latent Fingerprint Images. , 2019, , .		2
18	Deep Learning Class Discrimination Based on Prior Probability for Human Activity Recognition. IEEE Access, 2019, 7, 14747-14756.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Improved eigenspectrum regularisation for human activity recognition. International Journal of Computational Vision and Robotics, 2018, 8, 435.	0.2	1
20	Human Action Recognition using Spatial-Temporal Analysis and Bag of Visual Words. , 2018, , .		5
21	Conceptual Model of the Smart Attendance Monitoring System Using Computer Vision. , 2018, , .		10
22	Angled local directional pattern for texture analysis with an application to facial expression recognition. IET Computer Vision, 2018, 12, 603-608.	1.3	22
23	Automatic lung segmentation based on Graph Cut using a distance-constrained energy. IET Computer Vision, 2018, 12, 609-615.	1.3	11
24	Performance comparison of supervised learning methods for retinal vessel tortuosity characterisation. , 2018, , .		4
25	A review of recent methods of task scheduling in cloud computing. , 2018, , .		8
26	Slope Pattern Spectra for Human Action Recognition. Lecture Notes in Computer Science, 2018, , 381-389.	1.0	2
27	Affective Computing: Using Covariance Descriptors for Facial Expression Recognition. Lecture Notes in Computer Science, 2018, , 435-443.	1.0	1
28	Improved eigenspectrum regularisation for human activity recognition. International Journal of Computational Vision and Robotics, 2018, 8, 435.	0.2	0
29	Using Facial Expression Recognition for Crowd Monitoring. Lecture Notes in Computer Science, 2018, , 463-476.	1.0	2
30	Landmark localization approach for facial computing. , 2017, , .		1
31	A comparative study of the use of local directional pattern for texture-based informal settlement classification. Journal of Applied Research and Technology, 2017, 15, 250-258.	0.6	22
32	A Missing Singular Point Resistant Fingerprint Classification Technique, Based on Directional Patterns. Lecture Notes in Computer Science, 2017, , 178-189.	1.0	0
33	An Improved Scheme of Local Directional Pattern for Texture Analysis with an Application to Facial Expressions. Lecture Notes in Computer Science, 2017, , 165-177.	1.0	0
34	Mammogram content-based image retrieval based on malignancy classification. Intelligent Data Analysis, 2017, 21, 1193-1212.	0.4	0
35	Driver drowsiness detection using behavioral measures and machine learning techniques: A review of state-of-art techniques. , 2017, , .		85
36	Motion-based moving object detection and tracking using automatic K-means. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
37	A vision-based driver assistance system using collaborative edge computing. , 2017, , .		5
38	Frontal face landmark displacement across age. , 2017, , .		0
39	Directional Local Binary Pattern for Texture Analysis. Lecture Notes in Computer Science, 2016, , 226-233.	1.0	5
40	SAHF: Unsupervised Texture-Based Multiscale with Multicolor Method for Retinal Vessel Delineation. Lecture Notes in Computer Science, 2016, , 639-648.	1.0	1
41	Difference image and fuzzy c-means for detection of retinal vessels. , 2016, , .		5
42	Leaf Classification Using Convexity Measure of Polygons. Lecture Notes in Computer Science, 2016, , 51-60.	1.0	0
43	Automatic Segmentation of Cell Images by Improved Graph Cut-Based Approach. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 2016, 29, 74-80.	0.5	4
44	Evaluating the Change of Directional Patterns for Fingerprints with Missing Singular Points Under Rotation. Lecture Notes in Computer Science, 2016, , 555-565.	1.0	1
45	A Comparative study of a Face Components based Model of Ethnic Classification using Gabor Filters. Applied Mathematics and Information Sciences, 2016, 10, 2255-2265.	0.7	7
46	ADAPTIVE PARAMETER SELECTION FOR GRAPH CUT-BASED SEGMENTATION ON CELL IMAGES. Image Analysis and Stereology, 2016, 35, 29.	0.4	6
47	AUTOMATIC RETINAL VESSEL DETECTION AND TORTUOSITY MEASUREMENT. Image Analysis and Stereology, 2016, 35, 117.	0.4	18
48	The effectiveness of combining the likelihood maps of different filters in improving detection of calcification objects. , 2015, , .		1
49	Retinal Vessel Segmentation: A Comparative Study of Fuzzy C-Means and Sum Entropy Information on Phase Congruency. International Journal of Advanced Robotic Systems, 2015, 12, 133.	1.3	22
50	Adaptive Thresholding Technique for Retinal Vessel Segmentation Based on GLCM-Energy Information. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-11.	0.7	54
51	Comparative Study of Retinal Vessel Segmentation Based on Global Thresholding Techniques. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-15.	0.7	26
52	Face and Iris biometrics person identification using hybrid fusion at feature and score-level. , 2015, , .		14
53	Retinal vessel segmentation based on phase congruence and GLCM sum-entropy. , 2015, , .		6
54	An approximation based algorithm for minimum bounding rectangle computation. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
55	A New Adaptive Thresholding Technique for Retinal Vessel Segmentation Based on Local Homogeneity Information. Lecture Notes in Computer Science, 2014, , 558-567.	1.0	13
56	An Investigation Into Trajectory Estimation In Underground Mining Environments Using A Time-Of-Flight Camera And An Inertial Measurement Unit. South African Journal of Industrial Engineering, 2014, 25, 145.	0.2	4
57	Detection and tracking of moving objects in a maritime environment using level set with shape priors. Eurasip Journal on Image and Video Processing, 2013, 2013, .	1.7	25
58	Combining Feature Methods for Content-Based Classification of Mammogram Images. International Journal of Computers, Communications and Control, 2013, 8, 499.	1.2	2
59	Integrating Iris and Signature Traits for Personal Authentication Using User-Specific Weighting. Sensors, 2012, 12, 4324-4338.	2.1	19
60	ToF camera ego-motion estimation. , 2012, , .		1
61	An Architecture for Managing Knowledge and System Dynamism in the Worldwide Sensor Web. International Journal on Semantic Web and Information Systems, 2012, 8, 64-88.	2.2	8
62	Maritime surveillance: Tracking ships inside a dynamic background using a fast level-set. Expert Systems With Applications, 2011, 38, 6669-6680.	4.4	62
63	Automatic Detection of Face and Facial Landmarks for Face Recognition. Communications in Computer and Information Science, 2011, , 244-253.	0.4	3
64	A model of an intelligent video-based security surveillance system for general indoor/outdoor environments. , 2008, , .		1
65	Soccer video analysis by ball, player and referee tracking. , 2006, , .		9
66	A method to improve sugar crystals classification. , 2004, , .		0
67	<title>Model of extraction and representation of spatial knowledge using Hough transform</title>. , 2001, , .		0
68	Multi-Scale Image Analysis by Pyramidal Algorithms. , 1999, 10, 87-95.		2