Dorothy N Monekosso

List of Publications by Year
in descending order

56 papers	1,579 citations

840776

11 h-index	

434195

31 g-index

58 all docs	58 docs citations

58 times ranked	1813 citing authors

#	Article	IF	Citations
1	Crowd analysis: a survey. Machine Vision and Applications, 2008, 19, 345-357.	2.7	456
2	Measuring Retinal Vessel Tortuosity in 10-Year-Old Children: Validation of the Computer-Assisted Image Analysis of the Retina (CAIAR) Program. , 2009, 50, 2004.		305
3	A review of ant algorithms. Expert Systems With Applications, 2009, 36, 9608-9617.	7.6	165
4	The Visual Object Tracking VOT2013 Challenge Results. , 2013, , .		154
5	Behavior Analysis for Assisted Living. IEEE Transactions on Automation Science and Engineering, 2010, 7, 879-886.	5.2	60
6	Summarizing Videos with Attention. Lecture Notes in Computer Science, 2019, , 39-54.	1.3	57
7	Ambient Assisted Living [Guest editors' introduction]. IEEE Intelligent Systems, 2015, 30, 2-6.	4.0	39
8	A particle swarm optimisation algorithm with interactive swarms for tracking multiple targets. Applied Soft Computing Journal, 2013, 13, 3106-3117.	7.2	37
9	AMNet: Memorability Estimation with Attention. , 2018, , .		33
10	Data reconciliation in a smart home sensor network. Expert Systems With Applications, 2013, 40, 3248-3255.	7.6	25
11	The analysis and performance evaluation of the pheromone-Q-learning algorithm. Expert Systems, 2004, 21, 80-91.	4.5	17
12	Refined particle swarm intelligence method for abrupt motion tracking. Information Sciences, 2014, 283, 267-287.	6.9	17
13	2D Multi-Band PCA and its Application for Ear Recognition. , 2018, , .		13
14	A Concept Grounding Approach for Glove-Based Gesture Recognition. , 2011, , .		12
15	Ant algorithms for image feature extraction. Expert Systems With Applications, 2013, 40, 4315-4332.	7.6	12
16	Artificial Ants to Extract Leaf Outlines and Primary Venation Patterns. Lecture Notes in Computer Science, 2008, , 251-258.	1.3	12
17	Marginalised Stacked Denoising Autoencoders for Robust Representation of Real-Time Multi-View Action Recognition. Sensors, 2015, 15, 17209-17231.	3.8	11
18	MONITORING BEHAVIOR WITH AN ARRAY OF SENSORS. Computational Intelligence, 2007, 23, 420-438.	3.2	10

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19	Detection of salient regions in crowded scenes. Electronics Letters, 2014, 50, 363-365.	1.0	10
20	Guest Editorial Special Issue on Ambient-Assisted Living: Sensors, Methods, and Applications. IEEE Transactions on Human-Machine Systems, 2015, 45, 545-549.	3.5	10
21	A Multi-agent Architecture for Multi-robot Surveillance. Lecture Notes in Computer Science, 2009, , 266-278.	1.3	8
22	Non-Decimated Wavelet Based Multi-Band Ear Recognition Using Principal Component Analysis. IEEE Access, 2022, 10, 3949-3961.	4.2	8
23	Automatic recognition of physical exercises performed by stroke survivors to improve remote rehabilitation. , 2019, , .		7
24	A Distributed Gamified System Based on Automatic Assessment of Physical Exercises to Promote Remote Physical Rehabilitation. IEEE Access, 2020, 8, 91424-91434.	4.2	7
25	Superframes, A Temporal Video Segmentation. , 2018, , .		6
26	Deep Residual Network with Subclass Discriminant Analysis for Crowd Behavior Recognition. , 2018, , .		6
27	Autonomous control laws for mobile robotic surveillance swarms. , 2009, , .		5
28	Clustering Ensembles Based on Multi-classifier Fusion. , 2010, , .		5
29	Towards autonomous robot swarms for multi-target localisation and monitoring with applications to counter IED operations. International Journal of Intelligent Defence Support Systems, 2011, 4, 87.	0.1	5
30	Learning Video Manifolds for Content Analysis of Crowded Scenes. IPSJ Transactions on Computer Vision and Applications, 2012, 4, 71-77.	4.4	5
31	Single Image Ear Recognition Using Wavelet-Based Multi-Band PCA. , 2019, , .		5
32	Synthetic Training Data Generation for Activity Monitoring and Behavior Analysis. Lecture Notes in Computer Science, 2009, , 267-275.	1.3	5
33	A Hybrid Method for Hand Gesture Recognition. , 2012, , .		4
34	Weakly supervised activity analysis with spatio-temporal localisation. Neurocomputing, 2016, 216, 778-789.	5.9	4
35	An Adaptive Tracker for Assisted Living. , 2009, , .		3
36	Multi-view Event Detection in Crowded Scenes Using Tracklet Plots. , 2014, , .		3

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37	Telemetry-Based Search Window Correction for Airborne Tracking. Lecture Notes in Computer Science, 2014, , 457-466.	1.3	3
38	Telemetry assisted frame registration and background subtraction in low-altitude UAV videos. , 2015, , .		3
39	The â€œGoodâ€•Brother: Monitoring People Activity in Private Spaces. Advances in Intelligent and Soft Computing, 2012, , 49-56.	0.2	3
40	Reactive Coordination and Adaptive Lattice Formation in Mobile Robotic Surveillance Swarms. Springer Tracts in Advanced Robotics, 2013, , 229-242.	0.4	3
41	Fuzzy-rough based decision system for gait adopting instance selection. , 2016, , .		2
42	Data Pre-processing and Model Selection Strategies for Human Posture Recognition. , 2018, , .		2
43	Application of Single Image Super-Resolution in Human Ear Recognition Using Eigenvalues. , 2018, , .		2
44	A Fuzzy Recommendation System for the Automatic Personalization of Physical Rehabilitation Exercises in Stroke Patients. Mathematics, 2021, 9, 1427.	2.2	2
45	A Vision-Based System for Object Identification and Information Retrieval in a Smart Home. Lecture Notes in Computer Science, 2010, , 239-247.	1.3	2
46	A hierarchical model-based system for discovering atypical behavior. , 2008, , .		1
47	Skin Identification Using Deep Convolutional Neural Network. Lecture Notes in Computer Science, 2019, , 181-193.	1.3	1
48	Robot Teams: Sharing Visual Memories. Springer Tracts in Advanced Robotics, 2014, , 369-381.	0.4	1
49	Chainlet-Based Ear Recognition Using Image Multi-Banding and Support Vector Machine. Applied Sciences (Switzerland), 2022, 12, 2033.	2.5	1
50	Multi-band PCA based ear recognition technique. Multimedia Tools and Applications, 0, , .	3.9	1
51	Guest Editorial Introducing Automation and Engineering for Ambient Intelligence. IEEE Transactions on Automation Science and Engineering, 2009, 6, 573-576.	5.2	0
52	Contextual Analysis of Videos. Synthesis Lectures on Image, Video, and Multimedia Processing, 2013, 6, 1-102.	0.9	0
53	Unsupervised Methods for a Personalised Route Recommendation System. , 2020, , .		0
54	Detecting Activities for Assisted Living. Communications in Computer and Information Science, 2007, , 228-237.	0.5	0

#	Article	IF	Citations
55	Three IoT Wearables in Six European Cities! Reality and Perception. Advances in Intelligent Systems and Computing, 2021, , 425-436.	0.6	0
56	Ear Recognition using Chainlet based Multi-Band SVM. , 2021, , .		0