

Gennaro Percannella

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,547
citations

516561

16
h-index

330025

37
g-index

52
all docs

52
docs citations

52
times ranked

1403
citing authors

#	ARTICLE	IF	CITATIONS
1	GRAPH MATCHING AND LEARNING IN PATTERN RECOGNITION IN THE LAST 10 YEARS. International Journal of Pattern Recognition and Artificial Intelligence, 2014, 28, 1450001.	0.7	252
2	Benchmarking HEP-2 Cells Classification Methods. IEEE Transactions on Medical Imaging, 2013, 32, 1878-1889.	5.4	208
3	Trends in IoT based solutions for health care: Moving AI to the edge. Pattern Recognition Letters, 2020, 135, 346-353.	2.6	199
4	Pattern recognition in stained HEP-2 cells: Where are we now?. Pattern Recognition, 2014, 47, 2305-2314.	5.1	103
5	Benchmarking human epithelial type 2 interphase cells classification methods on a very large dataset. Artificial Intelligence in Medicine, 2015, 65, 239-250.	3.8	60
6	Counting people by RGB or depth overhead cameras. Pattern Recognition Letters, 2016, 81, 41-50.	2.6	57
7	Mitotic cells recognition in HEP-2 images. Pattern Recognition Letters, 2014, 45, 136-144.	2.6	51
8	A Method for Counting Moving People in Video Surveillance Videos. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	43
9	A real time algorithm for people tracking using contextual reasoning. Computer Vision and Image Understanding, 2013, 117, 892-908.	3.0	43
10	Age from Faces in the Deep Learning Revolution. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 2113-2132.	9.7	37
11	Computer Aided Diagnosis for Anti-Nuclear Antibodies HEP-2 images: Progress and challenges. Pattern Recognition Letters, 2016, 82, 3-11.	2.6	36
12	Audio surveillance using a bag of aural words classifier. , 2013, , .		34
13	HEP-2 staining pattern recognition at cell and specimen levels: Datasets, algorithms and results. Pattern Recognition Letters, 2016, 82, 12-22.	2.6	29
14	Counting Moving People in Videos by Salient Points Detection. , 2010, , .		27
15	Recognizing Human Actions by a Bag of Visual Words. , 2013, , .		23
16	An Ensemble of Rejecting Classifiers for Anomaly Detection of Audio Events. , 2012, , .		22
17	Counting moving persons in crowded scenes. Machine Vision and Applications, 2013, 24, 1029-1042.	1.7	22
18	Guest Editorial: Special Issue on Imaging-Based Diagnosis of COVID-19. IEEE Transactions on Medical Imaging, 2020, 39, 2569-2571.	5.4	22

#	ARTICLE	IF	CITATIONS
19	On the use of classification reliability for improving performance of the one-per-class decomposition method. <i>Data and Knowledge Engineering</i> , 2009, 68, 1398-1410.	2.1	18
20	A versatile and effective method for counting people on either RGB or depth overhead cameras. , 2015, , .		18
21	Recognition of Human Actions from RGB-D Videos Using a Reject Option. <i>Lecture Notes in Computer Science</i> , 2013, , 436-445.	1.0	18
22	A Graph-Based Clustering Method and Its Applications. , 2007, , 277-287.		17
23	Classifying Anti-nuclear Antibodies HEp-2 Images: A Benchmarking Platform. , 2014, , .		17
24	Benchmarking graph-based clustering algorithms. <i>Image and Vision Computing</i> , 2009, 27, 979-988.	2.7	16
25	Action recognition by using kernels on aclets sequences. <i>Computer Vision and Image Understanding</i> , 2016, 144, 3-13.	3.0	16
26	A GRAPH-BASED ALGORITHM FOR CLUSTER DETECTION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2008, 22, 843-860.	0.7	15
27	An Experimental Evaluation of Foreground Detection Algorithms in Real Scenes. <i>Eurasip Journal on Advances in Signal Processing</i> , 2010, 2010, .	1.0	15
28	A system for gender recognition on mobile robots. , 2019, , .		15
29	Benchmarking deep network architectures for ethnicity recognition using a new large face dataset. <i>Machine Vision and Applications</i> , 2020, 31, 1.	1.7	15
30	Removing Object Reflections in Videos by Global Optimization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2012, 22, 1623-1633.	5.6	10
31	Real-time tracking of single people and groups simultaneously by contextual graph-based reasoning dealing complex occlusions. , 2013, , .		10
32	FOPA-MC: fuzzy multi-criteria group decision making for peer assessment. <i>Soft Computing</i> , 2020, 24, 17679-17692.	2.1	10
33	A Multi-Stage Approach for News Video Segmentation Based on Automatic Anchorperson Number Detection. , 2007, , .		8
34	Combining experts for anchorperson shot detection in news videos. <i>Pattern Analysis and Applications</i> , 2004, 7, 447-460.	3.1	7
35	Mitotic HEp-2 Cells Recognition under Class Skew. <i>Lecture Notes in Computer Science</i> , 2011, , 353-362.	1.0	7
36	International Contest on Pattern Recognition techniques for indirect immunofluorescence images analysis. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
37	A MULTI-EXPERT SYSTEM FOR SHOT CHANGE DETECTION IN MPEG MOVIES. International Journal of Pattern Recognition and Artificial Intelligence, 2004, 18, 933-956.	0.7	4
38	Segmentation of news videos based on audio-video information. Pattern Analysis and Applications, 2007, 10, 135-145.	3.1	4
39	Reflection Removal in Color Videos. , 2010, , .		4
40	A Verification-Based Multithreshold Probing Approach to HEp-2 Cell Segmentation. Lecture Notes in Computer Science, 2015, , 266-276.	1.0	4
41	Cooperating experts for soundtrack analysis of MPEG movies. Information Fusion, 2002, 3, 225-236.	11.7	3
42	Trainable estimators for indirect people counting: A comparative study. , 2011, , .		3
43	A deep learning based system for handwashing procedure evaluation. Neural Computing and Applications, 2023, 35, 15981-15996.	3.2	3
44	Two parallel versions of VF3: Performance analysis on a wide database of graphs. Pattern Recognition Letters, 2021, 146, 150-157.	2.6	2
45	Evaluating Classification Reliability for Combining Classifiers. , 2007, , .		1
46	A Self-trainable System for Moving People Counting by Scene Partitioning. Lecture Notes in Computer Science, 2011, , 297-306.	1.0	1
47	Reflection Removal for People Detection in Video Surveillance Applications. Lecture Notes in Computer Science, 2011, , 178-186.	1.0	1
48	Benchmarking Two Algorithms for People Detection from Top-View Depth Cameras. Lecture Notes in Computer Science, 2017, , 73-83.	1.0	1
49	The Impact of Reliability Evaluation on a Semi-supervised Learning Approach. Lecture Notes in Computer Science, 2009, , 249-258.	1.0	0