Rita Cucchiara

List of Publications by Year
in descending order

242 papers	8,460 citations	136950 32 h-index	62596 80 g-index
248 all docs	248 docs citations	248 times ranked	6523 citing authors

#	Article	IF	Citations
1	Visual Tracking: An Experimental Survey. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 1442-1468.	13.9	1,264
2	Performance Measures and a Data Set for Multi-target, Multi-camera Tracking. Lecture Notes in Computer Science, 2016, , 17-35.	1.3	1,148
3	Detecting moving shadows: algorithms and evaluation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 918-923.	13.9	646
4	Image analysis and rule-based reasoning for a traffic monitoring system. IEEE Transactions on Intelligent Transportation Systems, 2000, 1, 119-130.	8.0	303
5	People reidentification in surveillance and forensics. ACM Computing Surveys, 2013, 46, 1-37.	23.0	223
6	An Indoor Location-Aware System for an IoT-Based Smart Museum. IEEE Internet of Things Journal, 2016, 3, 244-253.	8.7	201
7	Optimized Block-Based Connected Components Labeling With Decision Trees. IEEE Transactions on Image Processing, 2010, 19, 1596-1609.	9.8	192
8	3DPeS. , 2011, , .		186
9	A multiâ€camera vision system for fall detection and alarm generation. Expert Systems, 2007, 24, 334-345.	4.5	159
10	Predicting the Driver's Focus of Attention: The DR(eye)VE Project. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1720-1733.	13.9	138
11	Hierarchical Boundary-Aware Neural Encoder for Video Captioning. , 2017, , .		132
12	Multimedia surveillance systems. , 2005, , .		124
13	A fast and effective ellipse detector for embedded vision applications. Pattern Recognition, 2014, 47, 3693-3708.	8.1	123
14	Show, Control and Tell: A Framework for Generating Controllable and Grounded Captions. , 2019, , .		112
15	Video Surveillance Online Repository (ViSOR): an integrated framework. Multimedia Tools and Applications, 2010, 50, 359-380.	3.9	100
16	Information fusion as an integrative cross-cutting enabler to achieve robust, explainable, and trustworthy medical artificial intelligence. Information Fusion, 2022, 79, 263-278.	19.1	100
17	Vision based smoke detection system using image energy and color information. Machine Vision and Applications, 2011, 22, 705-719.	2.7	82
18	From Show to Tell: A Survey on Deep Learning-Based Image Captioning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 539-559.	13.9	81

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19	A new algorithm for border description of polarized light surface microscopic images of pigmented skin lesions. IEEE Transactions on Medical Imaging, 2003, 22, 959-964.	8.9	76
20	Detecting anomalies in people's trajectories using spectral graph analysis. Computer Vision and Image Understanding, 2011, 115, 1099-1111.	4.7	70
21	Gesture Recognition in Ego-centric Videos Using Dense Trajectories and Hand Segmentation. , 2014, , .		65
22	Video Streaming for Mobile Video Surveillance. IEEE Transactions on Multimedia, 2008, 10, 1142-1154.	7.2	63
23	Real-time object detection and localization with SIFT-based clustering. Image and Vision Computing, 2012, 30, 573-587.	4.5	57
24	Face-from-Depth for Head Pose Estimation on Depth Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 596-609.	13.9	55
25	Working Memory Connections for LSTM. Neural Networks, 2021, 144, 334-341.	5.9	54
26	Linear Transition Detection as a Unified Shot Detection Approach. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 483-489.	8.3	53
27	Reliable background suppression for complex scenes. , 2006, , .		52
28	Bayesian-Competitive Consistent Labeling for People Surveillance. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 354-360.	13.9	52
29	Mixtures of von Mises Distributions for People Trajectory Shape Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 457-471.	8.3	48
30	Art2Real: Unfolding the Reality of Artworks via Semantically-Aware Image-To-Image Translation. , 2019, , .		48
31	Reliable smoke detection in the domains of image energy and color. , 2008, , .		46
32	Multistage Particle Windows for Fast and Accurate Object Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1589-1604.	13.9	46
33	Detection of static groups and crowds gathered in open spaces by texture classification. Pattern Recognition Letters, 2014, 44, 39-48.	4.2	44
34	Learning to Divide and Conquer for Online Multi-target Tracking. , 2015, , .		42
35	Hand segmentation for gesture recognition in EGO-vision. , 2013, , .		41
36	Shot and Scene Detection via Hierarchical Clustering for Re-using Broadcast Video. Lecture Notes in Computer Science, 2015, , 801-811.	1.3	41

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37	Understanding social relationships in egocentric vision. Pattern Recognition, 2015, 48, 4082-4096.	8.1	40
38	Tuning Range Image Segmentation by Genetic Algorithm. Eurasip Journal on Advances in Signal Processing, 2003, 2003, 1.	1.7	39
39	Smoke Detection in Video Surveillance: A MoG Model in the Wavelet Domain. , 2008, , 119-128.		37
40	HECOL: Homography and epipolar-based consistent labeling for outdoor park surveillance. Computer Vision and Image Understanding, 2008, 111, 21-42.	4.7	36
41	Structured learning for detection of social groups in crowd. , 2013, , .		36
42	3D Hough transform for sphere recognition on point clouds. Machine Vision and Applications, 2014, 25, 1877-1891.	2.7	36
43	GOLD: Gaussians of Local Descriptors for image representation. Computer Vision and Image Understanding, 2015, 134, 22-32.	4.7	36
44	From Ego to Nos-Vision: Detecting Social Relationships in First-Person Views. , 2014, , .		34
45	Intelligent Video Surveillance as a Service. , 2013, , 1-16.		34
46	Automated Extraction and Description of Dark Areas in Surface Microscopy Melanocytic Lesion Images. Dermatology, 2004, 208, 21-26.	2.1	33
47	Detection of abnormal behaviors using a mixture of Von Mises distributions. , 2007, , .		33
48	Dynamic Pictorially Enriched Ontologies for Digital Video Libraries. IEEE MultiMedia, 2009, 16, 42-51.	1.7	31
49	Quick, Accurate, Smart: 3D Computer Vision Technology Helps Assessing Confined Animals' Behaviour. PLoS ONE, 2016, 11, e0158748.	2.5	31
50	Comparison of color clustering algorithms for segmentation of dermatological images. , 2006, 6144, 1211.		30
51	HMM Based Action Recognition with Projection Histogram Features. Lecture Notes in Computer Science, 2010, , 286-293.	1.3	30
52	Probabilistic people tracking with appearance models and occlusion classification: The AD-HOC system. Pattern Recognition Letters, 2011, 32, 867-877.	4.2	30
53	A fast approach for integrating ORB descriptors in the bag of words model. Proceedings of SPIE, 2013, , .	0.8	30
54	A complete system for garment segmentation and color classification. Machine Vision and Applications, 2014, 25, 955-969.	2.7	30

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55	Personalized Egocentric Video Summarization of Cultural Tour on User Preferences Input. IEEE Transactions on Multimedia, 2017, 19, 2832-2845.	7.2	29
56	People Orientation Recognition by Mixtures of Wrapped Distributions on Random Trees. Lecture Notes in Computer Science, 2012, , 270-283.	1.3	29
57	Using circular statistics for trajectory shape analysis. , 2008, , .		28
58	Visions for Augmented Cultural Heritage Experience. IEEE MultiMedia, 2014, 21, 74-82.	1.7	27
59	SARC3D: A New 3D Body Model for People Tracking and Re-identification. Lecture Notes in Computer Science, 2011, , 197-206.	1.3	26
60	Multimedia surveillance. , 2006, , .		25
61	Artpedia: A New Visual-Semantic Dataset with Visual and Contextual Sentences in the Artistic Domain. Lecture Notes in Computer Science, 2019, , 729-740.	1.3	25
62	Semantic adaptation of sport videos with user-centred performance analysis. IEEE Transactions on Multimedia, 2006, 8, 433-443.	7.2	24
63	Mapping Appearance Descriptors on 3D Body Models for People Re-identification. International Journal of Computer Vision, 2015, 111, 345-364.	15.6	24
64	Learning where to attend like a human driver. , 2017, , .		24
65	Consistent Labeling for Multi-camera Object Tracking. Lecture Notes in Computer Science, 2005, , 1206-1214.	1.3	24
66	FaceMouse: A Human-Computer Interface for Tetraplegic People. Lecture Notes in Computer Science, 2006, , 99-108.	1.3	24
67	A Transformer-Based Network for Dynamic Hand Gesture Recognition. , 2020, , .		24
68	Gesture Recognition using Wearable Vision Sensors to Enhance Visitors' Museum Experiences. IEEE Sensors Journal, 2015, , 1-1.	4.7	23
69	Real-time motion segmentation from moving cameras. Real Time Imaging, 2004, 10, 127-143.	1.6	22
70	Explaining digital humanities by aligning images and textual descriptions. Pattern Recognition Letters, 2020, 129, 166-172.	4.2	21
71	The vector-gradient Hough transform. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998, 20, 746-750.	13.9	20
72	Fast block based connected components labeling. , 2009, , .		20

#	Article	IF	Citations
73	Fast Background Initialization with Recursive Hadamard Transform. , 2010, , .		20
74	Automatic segmentation of digitalized historical manuscripts. Multimedia Tools and Applications, 2011, 55, 483-506.	3.9	20
75	Genetic algorithms for clustering in machine vision. Machine Vision and Applications, 1998, 11, 1-6.	2.7	19
76	An image analysis approach for automatically re-orienteering CT images for dental implants. Computerized Medical Imaging and Graphics, 2004, 28, 185-201.	5.8	19
77	Contextual Information and Covariance Descriptors for People Surveillance: An Application for Safety of Construction Workers. Eurasip Journal on Image and Video Processing, 2011, 2011, 1-16.	2.6	19
78	SMArT: Training Shallow Memory-aware Transformers for Robotic Explainability. , 2020, , .		19
79	SHREC 2021: Skeleton-based hand gesture recognition in the wild. Computers and Graphics, 2021, 99, 201-211.	2.5	19
80	Affective level design for a role-playing videogame evaluated by a brain–computer interface and machine learning methods. Visual Computer, 2017, 33, 413-427.	3.5	18
81	M-VAD names: a dataset for video captioning with naming. Multimedia Tools and Applications, 2019, 78, 14007-14027.	3.9	18
82	Multi-stage Sampling with Boosting Cascades for Pedestrian Detection in Images and Videos. Lecture Notes in Computer Science, 2010, , 196-209.	1.3	18
83	Multi-view people surveillance using 3D information. , 2011, , .		17
84	Learning articulated body models for people re-identification. , 2013, , .		17
85	Towards the evaluation of reproducible robustness in tracking-by-detection. , 2015, , .		17
86	Aligning Text and Document Illustrations: Towards Visually Explainable Digital Humanities. , 2018, , .		17
87	Multimodal attention networks for low-level vision-and-language navigation. Computer Vision and Image Understanding, 2021, 210, 103255.	4.7	17
88	Hands on the wheel: A Dataset for Driver Hand Detection and Tracking. , 2018, , .		16
89	Multimodal Hand Gesture Classification for the Human–Car Interaction. Informatics, 2020, 7, 31.	3.9	16
90	Dynamic pictorial ontologies for video digital libraries annotation. , 2007, , .		15

#	Article	IF	Citations
91	Tracking Social Groups Within and Across Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 441-453.	8.3	15
92	Low-Latency Live Video Streaming over Low-Capacity Networks. , 2006, , .		14
93	Mutual calibration of camera motes and RFIDs for people localization and identification. , 2010, , .		14
94	An automated picking workstation for healthcare applications. Computers and Industrial Engineering, 2013, 64, 653-668.	6.3	14
95	Driver Face Verification with Depth Maps. Sensors, 2019, 19, 3361.	3.8	14
96	A Systematic Comparison of Depth Map Representations for Face Recognition. Sensors, 2021, 21, 944.	3.8	14
97	Mobile Video Surveillance Systems: An Architectural Overview. Lecture Notes in Computer Science, 2010, , 89-109.	1.3	14
98	SEMANTIC VIDEO TRANSCODING USING CLASSES OF RELEVANCE. International Journal of Image and Graphics, 2003, 03, 145-169.	1.5	13
99	A system for automatic face obscuration for privacy purposes. Pattern Recognition Letters, 2006, 27, 1809-1815.	4.2	13
100	Video action detection by learning graph-based spatio-temporal interactions. Computer Vision and Image Understanding, 2021, 206, 103187.	4.7	13
101	Enhancing HSV histograms with achromatic points detection for video retrieval. , 2007, , .		12
102	Annotation Collection and Online Performance Evaluation for Video Surveillance: The ViSOR Project. , 2008, , .		12
103	Action Signature: A Novel Holistic Representation for Action Recognition. , 2008, , .		12
104	ViSOR: VIdeo Surveillance On-line Repository for annotation retrieval. , 2008, , .		12
105	Explaining transformer-based image captioning models: An empirical analysis. AI Communications, 2022, 35, 111-129.	1.2	12
106	Covariance descriptors on moving regions for human detection in very complex outdoor scenes. , 2009, , .		11
107	Head Pose Estimation in First-Person Camera Views. , 2014, , .		11
108	Covariance of Covariance Features for Image Classification. , 2014, , .		11

#	Article	IF	Citations
109	Unifying tensor factorization and tensor nuclear norm approaches for low-rank tensor completion. Neurocomputing, 2021, 458, 204-218.	5.9	11
110	A real-time hardware implementation of the hough transform. Journal of Systems Architecture, 1998, 45, 31-45.	4.3	10
111	Neighbor Cache Prefetching for Multimedia Image and Video Processing. IEEE Transactions on Multimedia, 2004, 6, 539-552.	7.2	10
112	Miniature illustrations retrieval and innovative interaction for digital illuminated manuscripts. Multimedia Systems, 2014, 20, 65-79.	4.7	10
113	Exploring Architectural Details Through a Wearable Egocentric Vision Device. Sensors, 2016, 16, 237.	3.8	10
114	Transductive People Tracking in Unconstrained Surveillance. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 762-775.	8.3	10
115	A unified cycle-consistent neural model for text and image retrieval. Multimedia Tools and Applications, 2020, 79, 25697-25721.	3.9	10
116	AC-VRNN: Attentive Conditional-VRNN for multi-future trajectory prediction. Computer Vision and Image Understanding, 2021, 210, 103245.	4.7	10
117	Focus on Impact: Indoor Exploration With Intrinsic Motivation. IEEE Robotics and Automation Letters, 2022, 7, 2985-2992.	5.1	10
118	Transform, Warp, and Dress: A New Transformation-guided Model for Virtual Try-on. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-24.	4.3	10
119	An Integrated Framework for Semantic Annotation and Adaptation. Multimedia Tools and Applications, 2005, 26, 345-363.	3.9	9
120	A semi-automatic system for segmentation of cardiac M-mode images. Pattern Analysis and Applications, 2006, 9, 293-306.	4.6	9
121	Efficient Stereo Vision for Obstacle Detection and AGV Navigation. , 2007, , .		9
122	Event driven software architecture for multi-camera and distributed surveillance research systems. , 2010, , .		9
123	Layout analysis and content enrichment of digitized books. Multimedia Tools and Applications, 2016, 75, 3879-3900.	3.9	9
124	Wind Turbine Power Curve Monitoring Based on Environmental and Operational Data. IEEE Transactions on Industrial Informatics, 2022, 18, 5209-5218.	11.3	9
125	MOM. , 2006, , .		8
126	A Dynamic Programming Technique for Classifying Trajectories. , 2007, , .		8

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127	Pervasive Self-Learning with Multi-modal Distributed Sensors. , 2008, , .		8
128	Picture extraction from digitized historical manuscripts. , 2009, , .		8
129	Multimedia for Cultural Heritage: Key Issues. Communications in Computer and Information Science, 2012, , 206-216.	0.5	8
130	Scene segmentation using temporal clustering for accessing and re-using broadcast video. , 2015, , .		8
131	Can adversarial networks hallucinate occluded people with a plausible aspect?. Computer Vision and Image Understanding, 2019, 182, 71-80.	4.7	8
132	Self-Supervised Optical Flow Estimation by Projective Bootstrap. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3294-3302.	8.0	8
133	Anomaly Detection, Localization and Classification for Railway Inspection. , 2021, , .		8
134	VITON-GT: An Image-based Virtual Try-On Model with Geometric Transformations. , 2021, , .		8
135	Measuring Scene Detection Performance. Lecture Notes in Computer Science, 2015, , 395-403.	1.3	8
136	Layout Analysis and Content Classification in Digitized Books. Communications in Computer and Information Science, 2017, , 153-165.	0.5	8
137	Anomaly Detection for Vision-Based Railway Inspection. Communications in Computer and Information Science, 2020, , 56-67.	0.5	8
138	Boosting modern and historical handwritten text recognition with deformable convolutions. International Journal on Document Analysis and Recognition, 2022, 25, 207-217.	3.4	8
139	Improving Data Prefetching Efficacy in Multimedia Applications. Multimedia Tools and Applications, 2003, 20, 159-178.	3.9	7
140	A Semi-Automatic Video Annotation tool with MPEG-7 Content Collections. , 2006, , .		7
141	Describing Texture Directions with Von Mises Distributions. , 2008, , .		7
142	Decision Trees for Fast Thinning Algorithms. , 2010, , .		7
143	Surfing on artistic documents with visually assisted tagging. , 2010, , .		7
144	Shot Detection and Motion Analysis for Automatic MPEG-7 Annotation of Sports Videos. Lecture Notes in Computer Science, 2005, , 653-660.	1.3	7

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145	Image Classification with Multivariate Gaussian Descriptors. Lecture Notes in Computer Science, 2013, , 111-120.	1.3	7
146	Out of the Box: Embodied Navigation in the Real World. Lecture Notes in Computer Science, 2021, , 47-57.	1.3	7
147	Enabling technologies on hybrid camera networks for behavioral analysis of unattended indoor environments and their surroundings. , 2008, , .		6
148	Multimedia in forensics. , 2009, , .		6
149	Energy-efficient feedback tracking on embedded smart cameras by hardware-level optimization. , 2011, , .		6
150	Class-Based Color Bag of Words for Fashion Retrieval. , 2012, , .		6
151	Sensing floors for privacy-compliant surveillance of wide areas. , 2013, , .		6
152	Kernelized Structural Classification for 3D Dogs Body Parts Detection. , 2014, , .		6
153	Learning to Generate Facial Depth Maps. , 2018, , .		6
154	Pathnodes Integration of Standalone Particle Filters for People Tracking on Distributed Surveillance Systems. Lecture Notes in Computer Science, 2009, , 404-413.	1.3	6
155	Color Features Performance Comparison for Image Retrieval. Lecture Notes in Computer Science, 2009, , 902-910.	1.3	6
156	Video surveillance and multimedia forensics. , 2009, , .		6
157	Learning to Read Lâ€™Infinito: Handwritten Text Recognition with Synthetic Training Data. Lecture Notes in Computer Science, 2021, , 340-350.	1.3	6
158	From eager to lazy constrained data acquisition: A general framework. New Generation Computing, 2001, 19, 339-367.	3.3	5
159	Smoke detection in video surveillance. , 2008, , .		5
160	"Inside the bible". , 2008, , .		5
161	A low-cost system and calibration method for veiling luminance measurement. , 2011, , .		5
162	Appearance tracking by transduction in surveillance scenarios. , 2011, , .		5

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163	Understanding dyadic interactions applying proxemic theory on videosurveillance trajectories. , 2012, , .		5
164	Modeling local descriptors with multivariate gaussians for object and scene recognition. , 2013, , .		5
165	On the design of embedded solutions to banknote recognition. Optical Engineering, 2013, 52, 093106.	1.0	5
166	On detection of novel categories and subcategories of images using incongruence. , 2014, , .		5
167	Body Part Based Re-Identification from an Egocentric Perspective. , 2016, , .		5
168	RefiNet: 3D Human Pose Refinement with Depth Maps. , 2021, , .		5
169	Estimating (and fixing) the Effect of Face Obfuscation in Video Recognition. , 2021, , .		5
170	Learning to Select. , 2021, , .		5
171	Reconfiguring the boundaries of a mesh-connected array of processors with run-time programmable logic. Microprocessors and Microsystems, 1993, 17, 67-73.	2.8	4
172	Detection of Circular Objects by Wave Propagation on a Mesh-Connected Computer. Journal of Parallel and Distributed Computing, 1995, 31, 77-87.	4.1	4
173	The GIOTTO System: a Parallel Computer for Image Processing. Real Time Imaging, 1997, 3, 343-353.	1.6	4
174	Learning People Trajectories Using Semi-directional Statistics. , 2009, , .		4
175	A videosurveillance data browsing software architecture for forensics. , 2010, , .		4
176	High Performance Connected Components Labeling on FPGA. , 2010, , .		4
177	A multi-stage pedestrian detection using monolithic classifiers. , 2011, , .		4
178	A reasoning engine for intruders' localization in wide open areas using a network of cameras and RFIDs. , 2011, , .		4
179	Illustrations Segmentation in Digitized Documents Using Local Correlation Features. Procedia Computer Science, 2014, 38, 76-83.	2.0	4
180	Fine-grained Human Analysis under Occlusions and Perspective Constraints in Multimedia Surveillance. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-23.	4.3	4

#	Article	IF	Citations
181	Eliciting visual primitives for detection of elongated shapes. Image and Vision Computing, 1999, 17, 347-355.	4.5	3
182	Group Detection at Camera Handoff for Collecting People Appearance in Multi-camera Systems. , 2006, , .		3
183	Mobile video surveillance with low-bandwidth low-latency video streaming. , 2007, , .		3
184	Veiling Luminance estimation on FPGA-based embedded smart camera. , 2012, , .		3
185	A people counting system for business analytics. , 2013, , .		3
186	A General-Purpose Sensing Floor Architecture for Human-Environment Interaction. ACM Transactions on Interactive Intelligent Systems, 2015, 5, 1-26.	3.7	3
187	Context Change Detection for an Ultra-Low Power Low-Resolution Ego-Vision Imager. Lecture Notes in Computer Science, 2016, , 589-602.	1.3	3
188	A Novel Attention-based Aggregation Function to Combine Vision and Language. , 2021, , .		3
189	Image-to-Image Translation to Unfold the Reality of Artworks: An Empirical Analysis. Lecture Notes in Computer Science, 2019, , 741-752.	1.3	3
190	Detection of Human Movements with Pressure Floor Sensors. Lecture Notes in Computer Science, 2015, , 620-630.	1.3	3
191	Analysis and Re-Use of Videos in Educational Digital Libraries with Automatic Scene Detection. Communications in Computer and Information Science, 2016, , 155-164.	0.5	3
192	Investigating Bidimensional Downsampling inÂVision Transformer Models. Lecture Notes in Computer Science, 2022, , 287-299.	1.3	3
193	Assessing Temporal Coherence for Posture Classification with Large Occlusions. , 2005, , .		2
194	Special issue on multimedia Surveillance systems: guest editorial. Multimedia Systems, 2006, 12, 165-167.	4.7	2
195	A markerless approach for consistent action recognition in a multi-camera system. , 2008, , .		2
196	A fast multi-model approach for object duplicate extraction. , 2009, , .		2
197	People trajectory mining with statistical pattern recognition. , 2010, , .		2
198	Relevance feedback strategies for artistic image collections tagging. , 2011, , .		2

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199	A Mobile Vision System for Fast and Accurate Ellipse Detection. , 2013, , .		2
200	Video surveillance online repository (ViSOR). , 2013, , .		2
201	Pattern recognition and crowd analysis. Pattern Recognition Letters, 2014, 44, 1-2.	4.2	2
202	Active query process for digital video surveillance forensic applications. Signal, Image and Video Processing, 2015, 9, 749-759.	2.7	2
203	Video registration in egocentric vision under day and night illumination changes. Computer Vision and Image Understanding, 2017, 157, 274-283.	4.7	2
204	What Was Monet Seeing While Painting? Translating Artworks to Photo-Realistic Images. Lecture Notes in Computer Science, 2019, , 601-616.	1.3	2
205	Improving Indoor Semantic Segmentation with Boundary-Level Objectives. Lecture Notes in Computer Science, 2021, , 318-329.	1.3	2
206	Automatic Single-Image People Segmentation and Removal for Cultural Heritage Imaging. Lecture Notes in Computer Science, 2013, , 188-197.	1.3	2
207	Assessing the Role of Boundary-Level Objectives in Indoor Semantic Segmentation. Lecture Notes in Computer Science, 2021, , 455-465.	1.3	2
208	Embodied Navigation atÂtheÂArt Gallery. Lecture Notes in Computer Science, 2022, , 739-750.	1.3	2
209	Introduction to the Special Section on In-Vehicle Computer Vision Systems. IEEE Transactions on Vehicular Technology, 2004, 53, 1633-1635.	6.3	1
210	Unsupervised learning in body-area networks. , 2010, , .		1
211	Rerum novarum. , 2010, , .		1
212	People appearance tracing in video by spectral graph transduction. , 2011, , .		1
213	Learning Graph Cut Energy Functions for Image Segmentation. , 2014, , .		1
214	Learning superpixel relations for supervised image segmentation. , 2014, , .		1
215	Motion Segmentation using Visual and Bio-mechanical Features. , 2016, , .		1
216	Segmentation models diversity for object proposals. Computer Vision and Image Understanding, 2017, 158, 40-48.	4.7	1

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217	Statistical Pattern Recognition for Multi-Camera Detection, Tracking, and Trajectory Analysis. , 2009, , 389-413.		1
218	Feature Space Warping Relevance Feedback with Transductive Learning. Lecture Notes in Computer Science, 2011, , 70-81.	1.3	1
219	Optimal Decision Trees Generation from OR-Decision Tables. Lecture Notes in Computer Science, 2011, , 443-452.	1.3	1
220	Matching Faces and Attributes Between the Artistic and the Real Domain: the PersonArt Approach. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-23.	4.3	1
221	Computational models for image processing for shared-memory multiprocessors. Integrated Computer-Aided Engineering, 2000, 7, 39-52.	4.6	0
222	Guest Editorial: Special Issue on Video Segmentation for Semantic Annotation and Transcoding. Multimedia Tools and Applications, 2005, 26, 255-257.	3.9	0
223	Network patterns recognition for automatic dermatologic images classification. , 2007, , .		0
224	An Open Source Architecture for Low-Latency Video Streaming on PDAs. , 2007, , .		0
225	Video Shots Comparison using the Mallows Distance. , 2007, , .		0
226	Expert environments: machine intelligence methods for ambient intelligence. Expert Systems, 2007, 24, 293-294.	4.5	0
227	Alignment-Based Similarity of People Trajectories Using Semi-directional Statistics. , 2010, , .		0
228	Polar representation of covariance descriptors for circular features. Electronics Letters, 2010, 46, 1063.	1.0	0
229	Perspective and appearance context for people surveillance in open areas. , 2010, , .		0
230	A real-time embedded solution for skew correction in banknote analysis. , 2011, , .		0
231	Energy-efficient foreground object detection on embedded smart cameras by hardware-level operations. , 2011, , .		0
232	Identification of intruders in groups of people using cameras and RFIDs. , 2011, , .		0
233	Joint ACM workshop on human gesture and behavior understanding. , 2011, , .		0
234	A Human vs. Machine Challenge in Fashion Color Classification. Lecture Notes in Computer Science, 2012, , 631-634.	1.3	0

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235	Automatic configuration and calibration of modular sensing floors. , 2015, , .		0
236	Bridging the experiential gap in cultural visits with computer vision. , 2016, , .		0
237	Attentive models in vision: Computing saliency maps in the deep learning era. Intelligenza Artificiale, 2019, 12, 161-175.	1.6	0
238	Moving Pixels in Static Cameras: Detecting Dangerous Situations due to Environment or People. Studies in Computational Intelligence, 2010, , 1-28.	0.9	0
239	Improving Classification and Retrieval of Illuminated Manuscript with Semantic Information. Communications in Computer and Information Science, 2010, , 183-193.	0.5	0
240	Towards Artistic Collections Navigation Tools Based on Relevance Feedback. Communications in Computer and Information Science, 2012, , 143-153.	0.5	0
241	Intelligent video surveillance. WIT Transactions on State-of-the-art in Science and Engineering, 2012, , 177-189.	0.0	0
242	Beyond Bag of Words for Concept Detection and Search of Cultural Heritage Archives. Lecture Notes in Computer Science, 2013, , 233-244.	1.3	0