

Rita Cucchiara

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

8,460
citations

136740

32
h-index

62479

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. | 9.7 | 1,264 |
| 2 | Performance Measures and a Data Set for Multi-target, Multi-camera Tracking. Lecture Notes in Computer Science, 2016, , 17-35. | 1.0 | 1,148 |
| 3 | Detecting moving shadows: algorithms and evaluation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2003, 25, 918-923. | 9.7 | 646 |
| 4 | Image analysis and rule-based reasoning for a traffic monitoring system. IEEE Transactions on Intelligent Transportation Systems, 2000, 1, 119-130. | 4.7 | 303 |
| 5 | People reidentification in surveillance and forensics. ACM Computing Surveys, 2013, 46, 1-37. | 16.1 | 223 |
| 6 | An Indoor Location-Aware System for an IoT-Based Smart Museum. IEEE Internet of Things Journal, 2016, 3, 244-253. | 5.5 | 201 |
| 7 | Optimized Block-Based Connected Components Labeling With Decision Trees. IEEE Transactions on Image Processing, 2010, 19, 1596-1609. | 6.0 | 192 |
| 8 | 3DPeS. , 2011, , . | | 186 |
| 9 | A multi-camera vision system for fall detection and alarm generation. Expert Systems, 2007, 24, 334-345. | 2.9 | 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. | 9.7 | 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. | 5.1 | 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. | 2.6 | 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. | 11.7 | 100 |
| 17 | Vision based smoke detection system using image energy and color information. Machine Vision and Applications, 2011, 22, 705-719. | 1.7 | 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. | 9.7 | 81 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 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. | 5.4 | 76 |
| 20 | Detecting anomalies in people's trajectories using spectral graph analysis. Computer Vision and Image Understanding, 2011, 115, 1099-1111. | 3.0 | 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. | 5.2 | 63 |
| 23 | Real-time object detection and localization with SIFT-based clustering. Image and Vision Computing, 2012, 30, 573-587. | 2.7 | 57 |
| 24 | Face-from-Depth for Head Pose Estimation on Depth Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 596-609. | 9.7 | 55 |
| 25 | Working Memory Connections for LSTM. Neural Networks, 2021, 144, 334-341. | 3.3 | 54 |
| 26 | Linear Transition Detection as a Unified Shot Detection Approach. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 483-489. | 5.6 | 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. | 9.7 | 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. | 5.6 | 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. | 9.7 | 46 |
| 33 | Detection of static groups and crowds gathered in open spaces by texture classification. Pattern Recognition Letters, 2014, 44, 39-48. | 2.6 | 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. | 1.0 | 41 |

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|----|---|-----|-----------|
| 37 | Understanding social relationships in egocentric vision. Pattern Recognition, 2015, 48, 4082-4096. | 5.1 | 40 |
| 38 | Tuning Range Image Segmentation by Genetic Algorithm. Eurasip Journal on Advances in Signal Processing, 2003, 2003, 1. | 1.0 | 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. | 3.0 | 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. | 1.7 | 36 |
| 43 | GOLD: Gaussians of Local Descriptors for image representation. Computer Vision and Image Understanding, 2015, 134, 22-32. | 3.0 | 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. | 0.9 | 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. | 1.5 | 31 |
| 49 | Quick, Accurate, Smart: 3D Computer Vision Technology Helps Assessing Confined Animals™ Behaviour. PLoS ONE, 2016, 11, e0158748. | 1.1 | 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. | 1.0 | 30 |
| 52 | Probabilistic people tracking with appearance models and occlusion classification: The AD-HOC system. Pattern Recognition Letters, 2011, 32, 867-877. | 2.6 | 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. | 1.7 | 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. | 5.2 | 29 |
| 56 | People Orientation Recognition by Mixtures of Wrapped Distributions on Random Trees. Lecture Notes in Computer Science, 2012, , 270-283. | 1.0 | 29 |
| 57 | Using circular statistics for trajectory shape analysis. , 2008, , . | | 28 |
| 58 | Visions for Augmented Cultural Heritage Experience. IEEE MultiMedia, 2014, 21, 74-82. | 1.5 | 27 |
| 59 | SARC3D: A New 3D Body Model for People Tracking and Re-identification. Lecture Notes in Computer Science, 2011, , 197-206. | 1.0 | 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. | 1.0 | 25 |
| 62 | Semantic adaptation of sport videos with user-centred performance analysis. IEEE Transactions on Multimedia, 2006, 8, 433-443. | 5.2 | 24 |
| 63 | Mapping Appearance Descriptors on 3D Body Models for People Re-identification. International Journal of Computer Vision, 2015, 111, 345-364. | 10.9 | 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. | 1.0 | 24 |
| 66 | FaceMouse: A Human-Computer Interface for Tetraplegic People. Lecture Notes in Computer Science, 2006, , 99-108. | 1.0 | 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. | 2.4 | 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. | 2.6 | 21 |
| 71 | The vector-gradient Hough transform. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1998, 20, 746-750. | 9.7 | 20 |
| 72 | Fast block based connected components labeling. , 2009, , . | | 20 |

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| 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. | 2.6 | 20 |
| 75 | Genetic algorithms for clustering in machine vision. Machine Vision and Applications, 1998, 11, 1-6. | 1.7 | 19 |
| 76 | An image analysis approach for automatically re-orienting CT images for dental implants. Computerized Medical Imaging and Graphics, 2004, 28, 185-201. | 3.5 | 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. | 1.7 | 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. | 1.4 | 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. | 2.5 | 18 |
| 81 | M-VAD names: a dataset for video captioning with naming. Multimedia Tools and Applications, 2019, 78, 14007-14027. | 2.6 | 18 |
| 82 | Multi-stage Sampling with Boosting Cascades for Pedestrian Detection in Images and Videos. Lecture Notes in Computer Science, 2010, , 196-209. | 1.0 | 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. | 3.0 | 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. | 2.4 | 16 |
| 90 | Dynamic pictorial ontologies for video digital libraries annotation. , 2007, , . | | 15 |

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|-----|--|-----|-----------|
| 91 | Tracking Social Groups Within and Across Cameras. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 441-453. | 5.6 | 15 |
| 92 | Low-Latency Live Video Streaming over Low-Capacity Networks. , 2006, , . | | 14 |
| 93 | Mutual calibration of camera nodes 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. | 3.4 | 14 |
| 95 | Driver Face Verification with Depth Maps. Sensors, 2019, 19, 3361. | 2.1 | 14 |
| 96 | A Systematic Comparison of Depth Map Representations for Face Recognition. Sensors, 2021, 21, 944. | 2.1 | 14 |
| 97 | Mobile Video Surveillance Systems: An Architectural Overview. Lecture Notes in Computer Science, 2010, , 89-109. | 1.0 | 14 |
| 98 | SEMANTIC VIDEO TRANSCODING USING CLASSES OF RELEVANCE. International Journal of Image and Graphics, 2003, 03, 145-169. | 1.2 | 13 |
| 99 | A system for automatic face obscuration for privacy purposes. Pattern Recognition Letters, 2006, 27, 1809-1815. | 2.6 | 13 |
| 100 | Video action detection by learning graph-based spatio-temporal interactions. Computer Vision and Image Understanding, 2021, 206, 103187. | 3.0 | 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. | 0.8 | 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 |

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| 109 | Unifying tensor factorization and tensor nuclear norm approaches for low-rank tensor completion. <i>Neurocomputing</i> , 2021, 458, 204-218. | 3.5 | 11 |
| 110 | A real-time hardware implementation of the hough transform. <i>Journal of Systems Architecture</i> , 1998, 45, 31-45. | 2.5 | 10 |
| 111 | Neighbor Cache Prefetching for Multimedia Image and Video Processing. <i>IEEE Transactions on Multimedia</i> , 2004, 6, 539-552. | 5.2 | 10 |
| 112 | Miniature illustrations retrieval and innovative interaction for digital illuminated manuscripts. <i>Multimedia Systems</i> , 2014, 20, 65-79. | 3.0 | 10 |
| 113 | Exploring Architectural Details Through a Wearable Egocentric Vision Device. <i>Sensors</i> , 2016, 16, 237. | 2.1 | 10 |
| 114 | Transductive People Tracking in Unconstrained Surveillance. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016, 26, 762-775. | 5.6 | 10 |
| 115 | A unified cycle-consistent neural model for text and image retrieval. <i>Multimedia Tools and Applications</i> , 2020, 79, 25697-25721. | 2.6 | 10 |
| 116 | AC-VRNN: Attentive Conditional-VRNN for multi-future trajectory prediction. <i>Computer Vision and Image Understanding</i> , 2021, 210, 103245. | 3.0 | 10 |
| 117 | Focus on Impact: Indoor Exploration With Intrinsic Motivation. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 2985-2992. | 3.3 | 10 |
| 118 | Transform, Warp, and Dress: A New Transformation-guided Model for Virtual Try-on. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022, 18, 1-24. | 3.0 | 10 |
| 119 | An Integrated Framework for Semantic Annotation and Adaptation. <i>Multimedia Tools and Applications</i> , 2005, 26, 345-363. | 2.6 | 9 |
| 120 | A semi-automatic system for segmentation of cardiac M-mode images. <i>Pattern Analysis and Applications</i> , 2006, 9, 293-306. | 3.1 | 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. <i>Multimedia Tools and Applications</i> , 2016, 75, 3879-3900. | 2.6 | 9 |
| 124 | Wind Turbine Power Curve Monitoring Based on Environmental and Operational Data. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 5209-5218. | 7.2 | 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. | 0.4 | 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. | 3.0 | 8 |
| 132 | Self-Supervised Optical Flow Estimation by Projective Bootstrap. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 3294-3302. | 4.7 | 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. | 1.0 | 8 |
| 136 | Layout Analysis and Content Classification in Digitized Books. Communications in Computer and Information Science, 2017, , 153-165. | 0.4 | 8 |
| 137 | Anomaly Detection for Vision-Based Railway Inspection. Communications in Computer and Information Science, 2020, , 56-67. | 0.4 | 8 |
| 138 | Boosting modern and historical handwritten text recognition with deformable convolutions. International Journal on Document Analysis and Recognition, 2022, 25, 207-217. | 2.7 | 8 |
| 139 | Improving Data Prefetching Efficacy in Multimedia Applications. Multimedia Tools and Applications, 2003, 20, 159-178. | 2.6 | 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. | 1.0 | 7 |

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| 145 | Image Classification with Multivariate Gaussian Descriptors. Lecture Notes in Computer Science, 2013, , 111-120. | 1.0 | 7 |
| 146 | Out of the Box: Embodied Navigation in the Real World. Lecture Notes in Computer Science, 2021, , 47-57. | 1.0 | 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. | 1.0 | 6 |
| 155 | Color Features Performance Comparison for Image Retrieval. Lecture Notes in Computer Science, 2009, , 902-910. | 1.0 | 6 |
| 156 | Video surveillance and multimedia forensics. , 2009, , . | | 6 |
| 157 | Learning to Read L [∞] Infinito: Handwritten Text Recognition with Synthetic Training Data. Lecture Notes in Computer Science, 2021, , 340-350. | 1.0 | 6 |
| 158 | From eager to lazy constrained data acquisition: A general framework. New Generation Computing, 2001, 19, 339-367. | 2.5 | 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. | 0.5 | 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. | 1.8 | 4 |
| 172 | Detection of Circular Objects by Wave Propagation on a Mesh-Connected Computer. Journal of Parallel and Distributed Computing, 1995, 31, 77-87. | 2.7 | 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. | 1.2 | 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. | 3.0 | 4 |

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| 181 | Eliciting visual primitives for detection of elongated shapes. Image and Vision Computing, 1999, 17, 347-355. | 2.7 | 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. | 2.6 | 3 |
| 187 | Context Change Detection for an Ultra-Low Power Low-Resolution Ego-Vision Imager. Lecture Notes in Computer Science, 2016, , 589-602. | 1.0 | 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. | 1.0 | 3 |
| 190 | Detection of Human Movements with Pressure Floor Sensors. Lecture Notes in Computer Science, 2015, , 620-630. | 1.0 | 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. | 0.4 | 3 |
| 192 | Investigating Bidimensional Downsampling in Vision Transformer Models. Lecture Notes in Computer Science, 2022, , 287-299. | 1.0 | 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. | 3.0 | 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. | 2.6 | 2 |
| 202 | Active query process for digital video surveillance forensic applications. Signal, Image and Video Processing, 2015, 9, 749-759. | 1.7 | 2 |
| 203 | Video registration in egocentric vision under day and night illumination changes. Computer Vision and Image Understanding, 2017, 157, 274-283. | 3.0 | 2 |
| 204 | What Was Monet Seeing While Painting? Translating Artworks to Photo-Realistic Images. Lecture Notes in Computer Science, 2019, , 601-616. | 1.0 | 2 |
| 205 | Improving Indoor Semantic Segmentation with Boundary-Level Objectives. Lecture Notes in Computer Science, 2021, , 318-329. | 1.0 | 2 |
| 206 | Automatic Single-Image People Segmentation and Removal for Cultural Heritage Imaging. Lecture Notes in Computer Science, 2013, , 188-197. | 1.0 | 2 |
| 207 | Assessing the Role of Boundary-Level Objectives in Indoor Semantic Segmentation. Lecture Notes in Computer Science, 2021, , 455-465. | 1.0 | 2 |
| 208 | Embodied Navigation at the Art Gallery. Lecture Notes in Computer Science, 2022, , 739-750. | 1.0 | 2 |
| 209 | Introduction to the Special Section on In-Vehicle Computer Vision Systems. IEEE Transactions on Vehicular Technology, 2004, 53, 1633-1635. | 3.9 | 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. | 3.0 | 1 |

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| 217 | Statistical Pattern Recognition for Multi-Camera Detection, Tracking, and Trajectory Analysis. , 2009, , 389-413. | | 1 |
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