# Modesto CastrillÃ³n-Santana

## List of Publications by Year
in descending order

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|---|---|---|---|
| **63** papers | **1,161** citations | 623574 **14** h-index | 477173 **29** g-index |
| **69** all docs | **69** docs citations | **69** times ranked | **986** citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | ENCARA2: Real-time detection of multiple faces at different resolutions in video streams. Journal of Visual Communication and Image Representation, 2007, 18, 130-140. | 1.7 | 154 |
| 2 | Face recognition using independent component analysis and support vector machines. Pattern Recognition Letters, 2003, 24, 2153-2157. | 2.6 | 147 |
| 3 | Competition on counter measures to 2-D facial spoofing attacks. , 2011, , . | | 98 |
| 4 | Deep learning for source camera identification on mobile devices. Pattern Recognition Letters, 2019, 126, 86-91. | 2.6 | 82 |
| 5 | A comparison of face and facial feature detectors based on the Violaâ€"Jones general object detection framework. Machine Vision and Applications, 2011, 22, 481. | 1.7 | 59 |
| 6 | Deep learning approach for automatic microplastics counting and classification. Science of the Total Environment, 2021, 765, 142728. | 3.9 | 52 |
| 7 | On using periocular biometric for gender classification in the wild. Pattern Recognition Letters, 2016, 82, 181-189. | 2.6 | 47 |
| 8 | SMACC: A System for Microplastics Automatic Counting and Classification. IEEE Access, 2020, 8, 25249-25261. | 2.6 | 29 |
| 9 | Smile Detection for User Interfaces. Lecture Notes in Computer Science, 2008, , 602-611. | 1.0 | 26 |
| 10 | Kinship verification in the wild: The first kinship verification competition. , 2014, , . | | 25 |
| 11 | Descriptors and regions of interest fusion for in- and cross-database gender classification in the wild. Image and Vision Computing, 2017, 57, 15-24. | 2.7 | 24 |
| 12 | Forecasting and visualization of wildfires in a 3D geographical information system. Computers and Geosciences, 2011, 37, 390-396. | 2.0 | 23 |
| 13 | Gender classification on 2D human skeleton. , 2019, , . | | 21 |
| 14 | Periocular and iris local descriptors for identity verification in mobile applications. Pattern Recognition Letters, 2017, 91, 52-59. | 2.6 | 19 |
| 15 | MEG: Texture operators for multi-expert gender classification. Computer Vision and Image Understanding, 2017, 156, 4-18. | 3.0 | 16 |
| 16 | The FG 2015 Kinship Verification in the Wild Evaluation. , 2015, , . | | 15 |
| 17 | An attention recurrent model for human cooperation detection. Computer Vision and Image Understanding, 2020, 197-198, 102991. | 3.0 | 14 |
| 18 | Improving Gender Classification Accuracy in the Wild. Lecture Notes in Computer Science, 2013, , 270-277. | 1.0 | 14 |

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|---|---------|-----|-----------|
| 19 | Inflated 3D ConvNet context analysis for violence detection. Machine Vision and Applications, 2022, 33, 1. | 1.7 | 14 |
| 20 | On the Use of Simple Geometric Descriptors Provided by RGB-D Sensors for Re-Identification. Sensors, 2013, 13, 8222-8238. | 2.1 | 13 |
| 21 | Multi-scale score level fusion of local descriptors for gender classification in the wild. Multimedia Tools and Applications, 2017, 76, 4695-4711. | 2.6 | 13 |
| 22 | Automatic Counting and Classification of Microplastic Particles. , 2018, , . | | 13 |
| 23 | On the Use of a Low-Cost Thermal Sensor to Improve Kinect People Detection in a Mobile Robot. Sensors, 2013, 13, 14687-14713. | 2.1 | 12 |
| 24 | Automatic Initialization for Facial Analysis in Interactive Robotics. , 2008, , 517-526. | | 12 |
| 25 | Gender Classification in Large Databases. Lecture Notes in Computer Science, 2012, , 74-81. | 1.0 | 12 |
| 26 | Real-time Detection of Faces in Video Streams. , 0, , . | | 11 |
| 27 | TGC20ReId: A dataset for sport event re-identification in the wild. Pattern Recognition Letters, 2020, 138, 355-361. | 2.6 | 11 |
| 28 | Improving user verification in human-robot interaction from audio or image inputs through sample quality assessment. Pattern Recognition Letters, 2021, 149, 179-184. | 2.6 | 11 |
| 29 | An Study on Ear Detection and Its Applications to Face Detection. Lecture Notes in Computer Science, 2011, , 313-322. | 1.0 | 11 |
| 30 | An Analysis of Automatic Gender Classification. , 2007, , 271-280. | | 11 |
| 31 | Exploring the Use of Local Binary Patterns as Focus Measure. , 2008, , . | | 10 |
| 32 | Mobile Iris CHallenge Evaluation II: Results from the ICPR competition. , 2016, , . | | 10 |
| 33 | CASIMIRO: a robot head for human-computer interaction. , 0, , . | | 9 |
| 34 | Computer vision based eyewear selector. Journal of Zhejiang University: Science C, 2010, 11, 79-91. | 0.7 | 8 |
| 35 | An engineering approach to sociable robots. Journal of Experimental and Theoretical Artificial Intelligence, 2007, 19, 285-306. | 1.8 | 7 |
| 36 | Evaluation of local descriptors and CNNs for non-adult detection in visual content. Pattern Recognition Letters, 2018, 113, 10-18. | 2.6 | 7 |

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|---|---------|-----|-----------|
| 37 | A multimedia system to produce and deliver video fragments on demand on parliamentary websites. Multimedia Tools and Applications, 2017, 76, 6281-6307. | 2.6 | 6 |
| 38 | Deep Multi-biometric Fusion for Audio-Visual User Re-Identification and Verification. Lecture Notes in Computer Science, 2020, , 136-157. | 1.0 | 6 |
| 39 | An Study on Re-identification in RGB-D Imagery. Lecture Notes in Computer Science, 2012, , 200-207. | 1.0 | 5 |
| 40 | AveRobot: An Audio-visual Dataset for People Re-identification and Verification in Human-Robot Interaction. , 2019, , . | | 5 |
| 41 | Fast and Accurate Hand Pose Detection for Human-Robot Interaction. Lecture Notes in Computer Science, 2005, , 553-560. | 1.0 | 4 |
| 42 | People Semantic Description and Re-identification from Point Cloud Geometry. , 2014, , . | | 4 |
| 43 | An Evolutive Approach for Smile Recognition in Video Sequences. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1550006. | 0.7 | 4 |
| 44 | Decontextualized I3D ConvNet for Ultra-Distance Runners Performance Analysis at a Glance. Lecture Notes in Computer Science, 2022, , 242-253. | 1.0 | 4 |
| 45 | Combining Face and Facial Feature Detectors for Face Detection Performance Improvement. Lecture Notes in Computer Science, 2012, , 82-89. | 1.0 | 3 |
| 46 | Shot Classification and Keyframe Detection for Vision Based Speakers Diarization in Parliamentary Debates. Lecture Notes in Computer Science, 2016, , 48-57. | 1.0 | 3 |
| 47 | Multi-sensor People Counting. Lecture Notes in Computer Science, 2011, , 321-328. | 1.0 | 3 |
| 48 | An Analysis of Facial Description in Static Images and Video Streams. Lecture Notes in Computer Science, 2005, , 461-468. | 1.0 | 3 |
| 49 | Soft Biometric Attributes in the Wild: Case Study on Gender Classification. , 2017, , 145-176. | | 2 |
| 50 | Personal Guides: Heterogeneous Robots Sharing Personal Tours in Multi-Floor Environments. Sensors, 2020, 20, 2480. | 2.1 | 2 |
| 51 | TGCRBNW: A Dataset for Runner Bib Number Detection (and Recognition) in the Wild. , 2021, , . | | 2 |
| 52 | A Study for the Self Similarity Smile Detection. Lecture Notes in Computer Science, 2009, , 97-104. | 1.0 | 2 |
| 53 | <title>Active vision system integrating fast and slow processes</title>. , 1998, 3522, 487. | | 1 |
| 54 | Who are you? [face recognition]. , 2004, , . | | 1 |

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|---|---------|-----|-----------|
| 55 | Face Recognition from a Tabula Rasa Perspective. , 0, , . | | 1 |
| 56 | Stripe based clothes segmentation. , 2015, , . | | 1 |
| 57 | Face Exemplars Selection from Video Streams for Online Learning. , 0, , . | | 0 |
| 58 | Becoming Visually Familiar. , 2007, , . | | 0 |
| 59 | Learning to recognize gender using experience. , 2010, , . | | 0 |
| 60 | ILRA: Novelty Detection in Face-Based Intervener Re-Identification. Symmetry, 2019, 11, 1154. | 1.1 | 0 |
| 61 | Viola-Jones Based Detectors: How Much Affects the Training Set?. Lecture Notes in Computer Science, 2011, , 297-304. | 1.0 | 0 |
| 62 | Fast Classification in Incrementally Growing Spaces. Lecture Notes in Computer Science, 2011, , 305-312. | 1.0 | 0 |
| 63 | Video Categorisation Mimicking Text Mining. Lecture Notes in Computer Science, 2019, , 292-301. | 1.0 | 0 |