

Modesto Castrillón-Santana

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

1,161
citations

623574

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29
g-index

69
all docs

69
docs citations

69
times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflated 3D ConvNet context analysis for violence detection. Machine Vision and Applications, 2022, 33, 1.	1.7	14
2	Decontextualized I3D ConvNet for Ultra-Distance Runners Performance Analysis at a Glance. Lecture Notes in Computer Science, 2022, , 242-253.	1.0	4
3	Deep learning approach for automatic microplastics counting and classification. Science of the Total Environment, 2021, 765, 142728.	3.9	52
4	TGCRBNW: A Dataset for Runner Bib Number Detection (and Recognition) in the Wild. , 2021, , .		2
5	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
6	TGC20ReId: A dataset for sport event re-identification in the wild. Pattern Recognition Letters, 2020, 138, 355-361.	2.6	11
7	An attention recurrent model for human cooperation detection. Computer Vision and Image Understanding, 2020, 197-198, 102991.	3.0	14
8	Personal Guides: Heterogeneous Robots Sharing Personal Tours in Multi-Floor Environments. Sensors, 2020, 20, 2480.	2.1	2
9	SMACC: A System for Microplastics Automatic Counting and Classification. IEEE Access, 2020, 8, 25249-25261.	2.6	29
10	Deep Multi-biometric Fusion for Audio-Visual User Re-Identification and Verification. Lecture Notes in Computer Science, 2020, , 136-157.	1.0	6
11	Gender classification on 2D human skeleton. , 2019, , .		21
12	ILRA: Novelty Detection in Face-Based Intervener Re-Identification. Symmetry, 2019, 11, 1154.	1.1	0
13	Deep learning for source camera identification on mobile devices. Pattern Recognition Letters, 2019, 126, 86-91.	2.6	82
14	Video Categorisation Mimicking Text Mining. Lecture Notes in Computer Science, 2019, , 292-301.	1.0	0
15	AveRobot: An Audio-visual Dataset for People Re-identification and Verification in Human-Robot Interaction. , 2019, , .		5
16	Evaluation of local descriptors and CNNs for non-adult detection in visual content. Pattern Recognition Letters, 2018, 113, 10-18.	2.6	7
17	Automatic Counting and Classification of Microplastic Particles. , 2018, , .		13
18	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

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19	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
20	Periocular and iris local descriptors for identity verification in mobile applications. Pattern Recognition Letters, 2017, 91, 52-59.	2.6	19
21	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
22	MEG: Texture operators for multi-expert gender classification. Computer Vision and Image Understanding, 2017, 156, 4-18.	3.0	16
23	Soft Biometric Attributes in the Wild: Case Study on Gender Classification. , 2017, , 145-176.		2
24	On using periocular biometric for gender classification in the wild. Pattern Recognition Letters, 2016, 82, 181-189.	2.6	47
25	Shot Classification and Keyframe Detection for Vision Based Speakers Diarization in Parliamentary Debates. Lecture Notes in Computer Science, 2016, , 48-57.	1.0	3
26	Mobile Iris CHallenge Evaluation II: Results from the ICPR competition. , 2016, , .		10
27	An Evolutive Approach for Smile Recognition in Video Sequences. International Journal of Pattern Recognition and Artificial Intelligence, 2015, 29, 1550006.	0.7	4
28	The FG 2015 Kinship Verification in the Wild Evaluation. , 2015, , .		15
29	Stripe based clothes segmentation. , 2015, , .		1
30	Kinship verification in the wild: The first kinship verification competition. , 2014, , .		25
31	People Semantic Description and Re-identification from Point Cloud Geometry. , 2014, , .		4
32	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
33	On the Use of Simple Geometric Descriptors Provided by RGB-D Sensors for Re-Identification. Sensors, 2013, 13, 8222-8238.	2.1	13
34	Improving Gender Classification Accuracy in the Wild. Lecture Notes in Computer Science, 2013, , 270-277.	1.0	14
35	Combining Face and Facial Feature Detectors for Face Detection Performance Improvement. Lecture Notes in Computer Science, 2012, , 82-89.	1.0	3
36	Gender Classification in Large Databases. Lecture Notes in Computer Science, 2012, , 74-81.	1.0	12

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37	An Study on Re-identification in RGB-D Imagery. Lecture Notes in Computer Science, 2012, , 200-207.	1.0	5
38	A comparison of face and facial feature detectors based on the Viola-Jones general object detection framework. Machine Vision and Applications, 2011, 22, 481.	1.7	59
39	Competition on counter measures to 2-D facial spoofing attacks. , 2011, , .		98
40	Forecasting and visualization of wildfires in a 3D geographical information system. Computers and Geosciences, 2011, 37, 390-396.	2.0	23
41	Multi-sensor People Counting. Lecture Notes in Computer Science, 2011, , 321-328.	1.0	3
42	An Study on Ear Detection and Its Applications to Face Detection. Lecture Notes in Computer Science, 2011, , 313-322.	1.0	11
43	Viola-Jones Based Detectors: How Much Affects the Training Set?. Lecture Notes in Computer Science, 2011, , 297-304.	1.0	0
44	Fast Classification in Incrementally Growing Spaces. Lecture Notes in Computer Science, 2011, , 305-312.	1.0	0
45	Computer vision based eyewear selector. Journal of Zhejiang University: Science C, 2010, 11, 79-91.	0.7	8
46	Learning to recognize gender using experience. , 2010, , .		0
47	A Study for the Self Similarity Smile Detection. Lecture Notes in Computer Science, 2009, , 97-104.	1.0	2
48	Exploring the Use of Local Binary Patterns as Focus Measure. , 2008, , .		10
49	Smile Detection for User Interfaces. Lecture Notes in Computer Science, 2008, , 602-611.	1.0	26
50	Automatic Initialization for Facial Analysis in Interactive Robotics. , 2008, , 517-526.		12
51	Becoming Visually Familiar. , 2007, , .		0
52	An engineering approach to sociable robots. Journal of Experimental and Theoretical Artificial Intelligence, 2007, 19, 285-306.	1.8	7
53	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
54	An Analysis of Automatic Gender Classification. , 2007, , 271-280.		11

#	ARTICLE	IF	CITATIONS
55	Fast and Accurate Hand Pose Detection for Human-Robot Interaction. Lecture Notes in Computer Science, 2005, , 553-560.	1.0	4
56	An Analysis of Facial Description in Static Images and Video Streams. Lecture Notes in Computer Science, 2005, , 461-468.	1.0	3
57	Who are you? [face recognition]. , 2004, , .		1
58	Face recognition using independent component analysis and support vector machines. Pattern Recognition Letters, 2003, 24, 2153-2157.	2.6	147
59	<title>Active vision system integrating fast and slow processes</title>. , 1998, 3522, 487.		1
60	CASIMIRO: a robot head for human-computer interaction. , 0, , .		9
61	Face Exemplars Selection from Video Streams for Online Learning. , 0, , .		0
62	Real-time Detection of Faces in Video Streams. , 0, , .		11
63	Face Recognition from a Tabula Rasa Perspective. , 0, , .		1