Pietro Pala

List of Publications by Year
in descending order

56 papers	1,336 citations	567144 15 h-index	580701 25 g-index
58 all docs	58 docs citations	58 times ranked	1058 citing authors

#	Article	IF	Citations
1	3-D Human Action Recognition by Shape Analysis of Motion Trajectories on Riemannian Manifold. IEEE Transactions on Cybernetics, 2015, 45, 1340-1352.	6.2	248
2	3D Face Recognition Using Isogeodesic Stripes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 2162-2177.	9.7	181
3	Recognizing Actions from Depth Cameras as Weakly Aligned Multi-part Bag-of-Poses. , 2013, , .		139
4	A Set of Selected SIFT Features for 3D Facial Expression Recognition. , 2010, , .		103
5	Matching 3D face scans using interest points and local histogram descriptors. Computers and Graphics, 2013, 37, 509-525.	1.4	68
6	Sparse Matching of Salient Facial Curves for Recognition of 3-D Faces With Missing Parts. IEEE Transactions on Information Forensics and Security, 2013, 8, 374-389.	4.5	47
7	Motion segment decomposition of RGB-D sequences for human behavior understanding. Pattern Recognition, 2017, 61, 222-233.	5.1	42
8	3D Mesh decomposition using Reeb graphs. Image and Vision Computing, 2009, 27, 1540-1554.	2.7	41
9	Description and retrieval of 3D face models using iso-geodesic stripes. , 2006, , .		40
10	Space-Time Pose Representation for 3D Human Action Recognition. Lecture Notes in Computer Science, 2013, , 456-464.	1.0	36
11	Automatic facial expression recognition in real-time from dynamic sequences of 3D face scans. Visual Computer, 2013, 29, 1333-1350.	2.5	35
12	Selecting stable keypoints and local descriptors for person identification using 3D face scans. Visual Computer, 2014, 30, 1275-1292.	2.5	35
13	Face Recognition by Super-Resolved 3D Models From Consumer Depth Cameras. IEEE Transactions on Information Forensics and Security, 2014, 9, 1436-1449.	4.5	27
14	Retrieval of Commercials by Semantic Content: The Semiotic Perspective. Multimedia Tools and Applications, 2001, 13, 93-118.	2.6	26
15	Superfaces: A Super-Resolution Model for 3D Faces. Lecture Notes in Computer Science, 2012, , 73-82.	1.0	24
16	Enhanced skeleton and face 3D data for person re-identification from depth cameras. Computers and Graphics, 2019, 79, 69-80.	1.4	21
17	Emotion Recognition by Body Movement Representation on the Manifold of Symmetric Positive Definite Matrices. Lecture Notes in Computer Science, 2017, , 550-560.	1.0	18
18	Reconstructing High-Resolution Face Models From Kinect Depth Sequences. IEEE Transactions on Information Forensics and Security, 2016, 11, 2843-2853.	4.5	17

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19	Merging Results for Distributed Content Based Image Retrieval. Multimedia Tools and Applications, 2004, 24, 215-232.	2.6	15
20	Distinguishing Facial Features for Ethnicity-Based 3D Face Recognition. ACM Transactions on Intelligent Systems and Technology, 2012, 3, 1-20.	2.9	15
21	Fall Detection of Elderly People Using the Manifold of Positive Semidefinite Matrices. Journal of Imaging, 2021, 7, 109.	1.7	14
22	The Mesh-LBP: Computing Local Binary Patterns on Discrete Manifolds. , 2013, , .		13
23	Learning shape variations of motion trajectories for gait analysis. , 2016, , .		13
24	Content-based retrieval of 3D models through curvature maps: a CBR approach exploiting media conversion. Multimedia Tools and Applications, 2006, 31, 29-50.	2.6	12
25	Using 3D Models to Recognize 2D Faces in the Wild. , 2013, , .		12
26	Combined shape analysis of human poses and motion units for action segmentation and recognition. , 2015, , .		12
27	Recognition of 3D faces with missing parts based on profile networks. , 2010, , .		9
28	Rendering Realistic Subject-Dependent Expression Images by Learning 3DMM Deformation Coefficients. Lecture Notes in Computer Science, 2019, , 441-455.	1.0	8
29	SHREC&#x2019;08 entry: 3D face recognition using integral shape information. , 2008, , .		6
30	Facial curves between keypoints for recognition of 3D faces with missing parts. , 2011, , .		6
31	Fitting, Comparison, and Alignment of Trajectories on Positive Semi-Definite Matrices with Application to Action Recognition. , 2019, , .		6
32	Automatic Estimation of Self-Reported Pain by Interpretable Representations of Motion Dynamics. , 2021, 2020, .		6
33	Face recognition by SVMS classification of 2D and 3D Radial Geodesics. , 2008, , .		5
34	3D partial face matching using local shape descriptors. , 2011, , .		5
35	Long Term Person Re-identification from Depth Cameras Using Facial and Skeleton Data. Lecture Notes in Computer Science, 2018, , 29-41.	1.0	5
36	Geodesic Distances for 3D-3D and 2D-3D Face Recognition. , 2007, , .		3

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37	Using Geodesic Distances for 2D-3D and 3D-3D Face Recognition. , 2007, , .		3
38	Reconstructing high-resolution face models from Kinect depth sequences acquired in uncooperative contexts. , 2015, , .		3
39	Reconstructing 3D Face Models by Incremental Aggregation and Refinement of Depth Frames. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-24.	3.0	3
40	Analysis and retrieval of 3D facial models using iso-geodesic stripes. , 2008, , .		2
41	3D Face Reconstruction from Two Orthogonal Images for Face Recognition Applications. International Journal of Digital Library Systems, 2010, 1, 42-58.	0.1	2
42	Local descriptors matching for 3D face recognition. , 2013, , .		2
43	3DMM for Accurate Reconstruction of Depth Data. Lecture Notes in Computer Science, 2019, , 532-543.	1.0	2
44	3D Face Recognition by Spatial Arrangement of Iso-Geodesic Surfaces. , 2008, , .		1
45	3D face retrieval using integral geometric shape information. , 2008, , .		1
46	Modeling Color Dynamics for the Semantics of Commercials. , 2002, , 85-104.		1
47	Weakly Aligned Multi-part Bag-of-Poses for Action Recognition from Depth Cameras. Lecture Notes in Computer Science, 2013, , 446-455.	1.0	1
48	Face Recognition Based on Manifold Learning and SVM Classification of 2D and 3D Geodesic Curves. , 0, , 62-81.		1
49	Modelling the Statistics of Cyclic Activities by Trajectory Analysis on the Manifold of Positive-Semi-Definite Matrices. , 2020, , .		1
50	<title>Using positive and negative examples for precise image retrieval</title>. , 2000, , .		0
51	Increasing 3D Resolution of Kinect Faces. Lecture Notes in Computer Science, 2015, , 639-653.	1.0	0
52	3D Face Reconstruction from Two Orthogonal Images for Face Recognition Applications. , 2012, , 223-239.		0
53	About 3D Faces. Studies in Computational Intelligence, 2014, , 187-221.	0.7	0
54	3D Face Recognition Using Spatial Relations. , 2018, , 679-706.		0

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55	3D Face Recognition Using Spatial Relations. Advances in Computational Intelligence and Robotics Book Series, 0, , 98-123.	0.4	0
56	3D Indexing and Retrieval. , 0, , 87-138.		0