Mauricio Pamplona Segundo

List of Publications by Year
in descending order

25 papers	674 citations	1306789 7 h-index	1281420 11 g-index
25 all docs	25 docs citations	25 times ranked	663 citing authors

#	Article	IF	Citations
1	3D Face Recognition Using Simulated Annealing and the Surface Interpenetration Measure. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 206-219.	9.7	179
2	Automatic Face Segmentation and Facial Landmark Detection in Range Images. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 1319-1330.	5.5	111
3	Hydra: An Ensemble of Convolutional Neural Networks for Geospatial Land Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6530-6541.	2.7	101
4	Employing fusion of learned and handcrafted features for unconstrained ear recognition. IET Biometrics, 2018, 7, 215-223.	1.6	67
5	Automatic 3D facial segmentation and landmark detection. , 2007, , .		40
6	How far did we get in face spoofing detection?. Engineering Applications of Artificial Intelligence, 2018, 72, 368-381.	4.3	36
7	Continuous 3D Face Authentication Using RGB-D Cameras. , 2013, , .		24
8	Continuous authentication using biometrics: An advanced review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1365.	4.6	18
9	Measuring Human and Economic Activity From Satellite Imagery to Support City-Scale Decision-Making During COVID-19 Pandemic. IEEE Transactions on Big Data, 2021, 7, 56-68.	4.4	17
10	Automating 3D reconstruction pipeline by surf-based alignment. , 2012, , .		15
11	Dynamic Pore Filtering for Keypoint Detection Applied to Newborn Authentication. , 2014, , .		12
12	Pore-based ridge reconstruction for fingerprint recognition. , 2015, , .		11
13	3D Face Image Registration for Face Matching Guided by the Surface Interpenetration Measure. , 2006, , .		8
14	Noise versus Facial Expression on 3D Face Recognition. , 2007, , .		6
15	Real-time scale-invariant face detection on range images. , 2011, , .		6
16	Improving 3D face reconstruction from a single image using half-frontal face poses. , 2012, , .		5
17	Orthogonal projection images for 3D face detection. Pattern Recognition Letters, 2014, 50, 72-81.	2.6	5
18	A study of CNN outside of training conditions. , 2017, , .		4

#	Article	IF	Citations
19	Using Semantic Relationships among Objects for Geospatial Land Use Classification. , 2018, , .		3
20	Measuring Economic Activity From Space: A Case Study Using Flying Airplanes and COVID-19. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 7213-7224.	2.3	2
21	Multiresolution synthetic fingerprint generation. IET Biometrics, 2022, 11, 314-332.	1.6	2
22	Continuous biometric authentication using Possibilistic C-Means. , 2018, , .		1
23	Hierarchical Evaluation Model: Extended Analysis for 3D Face Recognition. Communications in Computer and Information Science, 2009, , 213-224.	0.4	1
24	High-resolution 3D surface strain magnitude using 2D camera and low-resolution depth sensor. Pattern Recognition Letters, 2014, 50, 34-42.	2.6	0
25	Expression Removal in 3D Faces for Recognition Purposes. , 2019, , .		0