Juan E Tapia

List of Publications by Year
in descending order

30	523	933447 10	713466 21
papers	citations	h-index	g-index

30	30	30	355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Semantic segmentation model for crack images from concrete bridges for mobile devices. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 570-583.	0.7	7
2	Iris Liveness Detection Using a Cascade of Dedicated Deep Learning Networks. IEEE Transactions on Information Forensics and Security, 2022, 17, 42-52.	6.9	15
3	A novel Capsule Neural Network based model for drowsiness detection using electroencephalography signals. Expert Systems With Applications, 2022, 201, 116977.	7.6	15
4	Selfie Periocular Verification Using an Efficient Super-Resolution Approach. IEEE Access, 2022, 10, 67573-67589.	4.2	3
5	Analysis of the synthetic periocular iris images for robust Presentation Attacks Detection algorithms. IET Biometrics, 2022, 11, 343-354.	2.5	2
6	Semantic Segmentation of Periocular Near-Infra-Red Eye Images Under Alcohol Effects. IEEE Access, 2021, 9, 109732-109744.	4.2	9
7	NIR Iris Challenge Evaluation in Non-cooperative Environments: Segmentation and Localization. , 2021, , .		11
8	Image Quality Assessment on Identity Documents. , 2021, , .		2
9	Hybrid Two-Stage Architecture for Tampering Detection of Chipless ID Cards. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 89-100.	4.4	13
10	Single Morphing Attack Detection Using Feature Selection and Visualization Based on Mutual Information. IEEE Access, 2021, 9, 167628-167641.	4.2	9
11	Automatic space object detection on all-sky images from a synoptic survey synthetic telescope array. Advances in Space Research, 2020, 65, 337-350.	2.6	4
12	Towards an Efficient Segmentation Algorithm for Near-Infrared Eyes Images. IEEE Access, 2020, 8, 171598-171607.	4.2	9
13	Iris Liveness Detection Competition (LivDet-Iris) - The 2020 Edition. , 2020, , .		21
14	Deepblueberry: Quantification of Blueberries in the Wild Using Instance Segmentation. IEEE Access, 2019, 7, 105776-105788.	4.2	38
15	Clusters of Features Using Complementary Information Applied to Gender Classification From Face Images. IEEE Access, 2019, 7, 79374-79387.	4.2	7
16	Soft-biometrics encoding conditional GAN for synthesis of NIR periocular images. Future Generation Computer Systems, 2019, 97, 503-511.	7.5	19
17	Gender Classification From NIR Images by Using Quadrature Encoding Filters of the Most Relevant Features. IEEE Access, 2019, 7, 29114-29127.	4.2	9
18	Relevant features for gender classification in NIR periocular images. IET Biometrics, 2019, 8, 340-350.	2.5	10

#	Article	IF	Citations
19	Sex-classification from Cellphones Periocular Iris Images. Advances in Computer Vision and Pattern Recognition, 2019, , 227-242.	1.3	7
20	An Efficient Dense Network for Semantic Segmentation of Eyes Images Captured with Virtual Reality Lens. , 2019, , .		1
21	Gender classification from periocular NIR images using fusion of CNNs models. , 2018, , .		18
22	Deep Gender Classification and Visualization of Near-Infra-Red Periocular-Iris images. , 2018, , .		2
23	Sex-Prediction from Periocular Images Across Multiple Sensors and Spectra. , 2018, , .		2
24	Gender Classification from NIR Iris Images Using Deep Learning. Advances in Computer Vision and Pattern Recognition, 2017, , 219-239.	1.3	17
25	Gender classification from multispectral periocular images. , 2017, , .		13
26	Gender Classification From the Same Iris Code Used for Recognition. IEEE Transactions on Information Forensics and Security, 2016, 11, 1760-1770.	6.9	76
27	Gender Classification from Iris Images Using Fusion of Uniform Local Binary Patterns. Lecture Notes in Computer Science, 2015, , 751-763.	1.3	22
28	Gender Classification Based on Fusion of Different Spatial Scale Features Selected by Mutual Information From Histogram of LBP, Intensity, and Shape. IEEE Transactions on Information Forensics and Security, 2013, 8, 488-499.	6.9	118
29	Gender Classification Using One Half Face and Feature Selection Based on Mutual Information. , 2013, , .		7
30	Gender Classification From Face Images Using Mutual Information and Feature Fusion. International Journal of Optomechatronics, 2012, 6, 92-119.	6.6	37