Davide Maltoni

List of Publications by Year
in descending order

25 papers	786 citations	1163117 8 h-index	1125743 13 g-index
31 all docs	31 docs citations	31 times ranked	364 citing authors

#	Article	IF	Citations
1	The magic passport. , 2014, , .		170
2	Continuous learning in single-incremental-task scenarios. Neural Networks, 2019, 116, 56-73.	5.9	150
3	Face Demorphing. IEEE Transactions on Information Forensics and Security, 2018, 13, 1008-1017.	6.9	101
4	Biometric Systems under Morphing Attacks: Assessment of Morphing Techniques and Vulnerability Reporting. , 2017, , .		74
5	Improving Fingerprint Orientation Extraction. IEEE Transactions on Information Forensics and Security, 2011, 6, 1002-1013.	6.9	64
6	Latent Replay for Real-Time Continual Learning. , 2020, , .		42
7	Morphing Attack Detection-Database, Evaluation Platform, and Benchmarking. IEEE Transactions on Information Forensics and Security, 2021, 16, 4336-4351.	6.9	33
8	On the Feasibility of Creating Double-Identity Fingerprints. IEEE Transactions on Information Forensics and Security, 2017, 12, 892-900.	6.9	32
9	Face morphing detection in the presence of printing/scanning and heterogeneous image sources. IET Biometrics, 2021, 10, 290-303.	2.5	16
10	Handbook of Fingerprint Recognition. , 2022, , .		15
11	A Systematic Comparison of Depth Map Representations for Face Recognition. Sensors, 2021, 21, 944.	3.8	14
12	Structural Similarity based image quality map for face recognition across plastic surgery. , 2013, , .		13
13	Face demorphing in the presence of facial appearance variations. , 2018, , .		13
14	A Double Siamese Framework for Differential Morphing Attack Detection. Sensors, 2021, 21, 3466.	3.8	10
15	On the Generation of Synthetic Fingerprint Alterations. , 2016, , .		6
16	Automated Artifact Retouching in Morphed Images With Attention Maps. IEEE Access, 2021, 9, 136561-136579.	4.2	6
17	Is Class-Incremental Enough for Continual Learning?. Frontiers in Artificial Intelligence, 2022, 5, 829842.	3.4	5
18	Continual Learning in Real-Life Applications. IEEE Robotics and Automation Letters, 2022, 7, 6195-6202.	5.1	5

#	Article	IF	Citations
19	Morphing Attack Potential. , 2022, , .		5
20	Artifact-Free Single Image Defogging. Atmosphere, 2021, 12, 577.	2.3	4
21	Fingerprint Analysis and Representation. , 2022, , 115-216.		3
22	Gesture Recognition by Leap Motion Controller and LSTM Networks for CAD-oriented Interfaces. Lecture Notes in Computer Science, 2019, , 185-195.	1.3	1
23	Fingerprint Synthesis. , 2022, , 385-426.		1
24	Face Image Quality Assessment in Electronic ID Documents. IEEE Access, 2022, 10, 77744-77758.	4.2	0
25	Fingerprint Matching. , 2022, , 217-297.		0