Abdenour Hadid

List of Publications by Year
in descending order

70 papers	8,514 citations	279798 23 h-index	243625 44 g-index
72 all docs	72 docs citations	72 times ranked	5325 citing authors

#	Article	IF	Citations
1	A Deep Multiscale Spatiotemporal Network for Assessing Depression From Facial Dynamics. IEEE Transactions on Affective Computing, 2022, 13, 1581-1592.	8.3	26
2	Map-Matching-Based Localization Using Camera and Low-Cost GPS for Lane-Level Accuracy. Sensors, 2022, 22, 2434.	3.8	11
3	Face Presentation Attack Detection Using Deep Background Subtraction. Sensors, 2022, 22, 3760.	3.8	7
4	A weighted exponential discriminant analysis through side-information for face and kinship verification using statistical binarized image features. International Journal of Machine Learning and Cybernetics, 2021, 12, 171-185.	3.6	4
5	COVID-19 Recognition Using Ensemble-CNNs in Two New Chest X-ray Databases. Sensors, 2021, 21, 1742.	3.8	41
6	Two Ensemble-CNN Approaches for Colorectal Cancer Tissue Type Classification. Journal of Imaging, 2021, 7, 51.	3.0	29
7	Automatic Pain Estimation from Facial Expressions: A Comparative Analysis Using Off-the-Shelf CNN Architectures. Electronics (Switzerland), 2021, 10, 1926.	3.1	25
8	Per-COVID-19: A Benchmark Dataset for COVID-19 Percentage Estimation from CT-Scans. Journal of Imaging, 2021, 7, 189.	3.0	18
9	Tensor cross-view quadratic discriminant analysis for kinship verification in the wild. Neurocomputing, 2020, 377, 286-300.	5.9	21
10	Vision-based human activity recognition: a survey. Multimedia Tools and Applications, 2020, 79, 30509-30555.	3.9	220
11	Age estimation from faces using deep learning: A comparative analysis. Computer Vision and Image Understanding, 2020, 196, 102961.	4.7	37
12	Multi-view Deep Features for Robust Facial Kinship Verification. , 2020, , .		5
13	Learning to Detect Genuine versus Posed Pain from Facial Expressions using Residual Generative Adversarial Networks. , 2019, , .		5
14	Kinship Verification based Deep and Tensor Features through Extreme Learning Machine. , 2019, , .		9
15	Combining Global and Local Convolutional 3D Networks for Detecting Depression from Facial Expressions. , 2019, , .		39
16	Bag of words KAZE (BoWK) with two‐step classification for high‐resolution remote sensing images. IET Computer Vision, 2019, 13, 395-403.	2.0	6
17	Replayed Video Attack Detection Based on Motion Blur Analysis. IEEE Transactions on Information Forensics and Security, 2019, 14, 2246-2261.	6.9	32
18	A Spatiotemporal Convolutional Neural Network for Automatic Pain Intensity Estimation from Facial Dynamics. International Journal of Computer Vision, 2019, 127, 1413-1425.	15.6	36

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19	Learning multi-view deep and shallow features through new discriminative subspace for bi-subject and tri-subject kinship verification. Applied Intelligence, 2019, 49, 3894-3908.	5.3	14
20	Face Anti-spoofing using Hybrid Residual Learning Framework. , 2019, , .		6
21	Audio-Visual Kinship Verification in the Wild. , 2019, , .		10
22	Kinship verification from face images in discriminative subspaces of color components. Multimedia Tools and Applications, 2019, 78, 16465-16487.	3.9	13
23	A continuous smartphone authentication method based on gait patterns and keystroke dynamics. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4417-4430.	4.9	42
24	Scarce face recognition via two‐layer collaborative representation. IET Biometrics, 2018, 7, 56-62.	2.5	9
25	Face recognition under spoofing attacks: countermeasures and research directions. IET Biometrics, 2018, 7, 3-14.	2.5	48
26	A Survey on Computer Vision for Assistive Medical Diagnosis From Faces. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1497-1511.	6.3	114
27	Deep Spatiotemporal Representation of the Face for Automatic Pain Intensity Estimation. , 2018, , .		11
28	Audiovisual Synchrony Detection with Optimized Audio Features. , 2018, , .		3
29	Biometrics: In Search of Identity and Security (Q & A). IEEE MultiMedia, 2018, 25, 22-35.	1.7	14
30	Kinship Verification using Color Features and Extreme Learning Machine. , 2018, , .		7
31	Feature Fusion with Deep Supervision for Remote-Sensing Image Scene Classification. , 2018, , .		1
32	Deep Binary Representation of Facial Expressions: A Novel Framework for Automatic Pain Intensity Recognition. , 2018, , .		14
33	Kinship verification from facial images and videos: human versus machine. Machine Vision and Applications, 2018, 29, 873-890.	2.7	18
34	Face spoofing detection with local binary pattern network. Journal of Visual Communication and Image Representation, 2018, 54, 182-192.	2.8	56
35	Contextual Weighting of Patches for Local Matching in Still-to-Video Face Recognition. , 2018, , .		0
36	On the generalization of color texture-based face anti-spoofing. Image and Vision Computing, 2018, 77, 1-9.	4.5	55

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37	A novel statistical and multiscale local binary feature for 2D and 3D face verification. Computers and Electrical Engineering, 2017, 62, 68-80.	4.8	6
38	Fingerprint liveness detection using local texture features. IET Biometrics, 2017, 6, 224-231.	2.5	35
39	Efficient Tensor-Based 2D+3D Face Verification. IEEE Transactions on Information Forensics and Security, 2017, 12, 2751-2762.	6.9	24
40	Face Anti-spoofing in Biometric Systems. Signal Processing for Security Technologies, 2017, , 299-321.	0.9	7
41	Deep convolutional hashing using pairwise multi-label supervision for large-scale visual search. Signal Processing: Image Communication, 2017, 59, 109-116.	3.2	19
42	OULU-NPU: A Mobile Face Presentation Attack Database with Real-World Variations. , 2017, , .		284
43	Face anti-spoofing via deep local binary patterns. , 2017, , .		24
44	Detecting story-related subject captions in Chinese news videos using spatio-temporal analysis. , 2016, , .		0
45	On the robustness of audiovisual liveness detection to visual speech animation. , 2016, , .		5
46	On pain assessment from facial videos using spatio-temporal local descriptors. , 2016, , .		16
47	An original face anti-spoofing approach using partial convolutional neural network. , 2016, , .		180
48	On the usefulness of color for kinship verification from face images. , 2016, , .		16
49	Face Spoofing Detection Using Colour Texture Analysis. IEEE Transactions on Information Forensics and Security, 2016, 11, 1818-1830.	6.9	380
50	Scale space texture analysis for face anti-spoofing. , 2016, , .		23
51	Face Anti-Spoofing using Speeded-Up Robust Features and Fisher Vector Encoding. IEEE Signal Processing Letters, 2016, , 1-1.	3.6	108
52	Audiovisual synchrony assessment for replay attack detection in talking face biometrics. Multimedia Tools and Applications, 2016, 75, 5329-5343.	3.9	17
53	Face verification using local binary patterns and generic model adaptation. International Journal of Biometrics, 2015, 7, 31.	0.4	2
54	Gender and texture classification: A comparative analysis using 13 variants of local binary patterns. Pattern Recognition Letters, 2015, 68, 231-238.	4.2	33

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55	Face anti-spoofing based on color texture analysis. , 2015, , .		263
56	On the use of Kinect depth data for identity, gender and ethnicity classification from facial images. Pattern Recognition Letters, 2015, 68, 270-277.	4.2	23
57	On soft biometrics. Pattern Recognition Letters, 2015, 68, 218-230.	4.2	85
58	Efficient Detection of Occlusion prior to Robust Face Recognition. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	29
59	Measuring and mitigating targeted biometric impersonation. IET Biometrics, 2014, 3, 55-61.	2.5	6
60	Ear biometric recognition using local texture descriptors. Journal of Electronic Imaging, 2014, 23, 053008.	0.9	68
61	Face liveness detection using dynamic texture. Eurasip Journal on Image and Video Processing, 2014, 2014, .	2.6	148
62	Context based face anti-spoofing. , 2013, , .		176
63	Demographic classification from face videos using manifold learning. Neurocomputing, 2013, 100, 197-205.	5.9	23
64	Complementary countermeasures for detecting scenic face spoofing attacks. , 2013, , .		80
65	Face spoofing detection from single images using micro-texture analysis. , 2011, , .		294
66	Competition on counter measures to 2-D facial spoofing attacks. , 2011, , .		98
67	On the use of dynamic features in face biometrics: recent advances and challenges. Signal, Image and Video Processing, 2011, 5, 495-506.	2.7	14
68	Image and video descriptors. , 2010, , .		1
69	Combining appearance and motion for face and gender recognition from videos. Pattern Recognition, 2009, 42, 2818-2827.	8.1	104
70	Face Description with Local Binary Patterns: Application to Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 2037-2041.	13.9	4,914