Facial Soft Biometrics for Recognition in the Wild: Rece Evaluation

IEEE Transactions on Information Forensics and Security 13, 2001-2014 DOI: 10.1109/tifs.2018.2807791

Citation Report

#	Article	IF	CITATIONS
1	Person Recognition at a Distance: Improving Face Recognition Through Body Static Information. , 2018, , .		2
2	A Robust Approach for Gender Recognition Using Deep Learning. , 2018, , .		10
3	A Framework to Identify People in Unstructured Environments Incorporating Biometrics. Lecture Notes in Computer Science, 2019, , 65-75.	1.0	0
4	Augmenting Gabor-based Face Recognition with Global Soft Biometrics. , 2019, , .		4
5	A survey on facial soft biometrics for video surveillance and forensic applications. Artificial Intelligence Review, 2019, 52, 1155-1187.	9.7	17
6	On Combining Face Local Appearance and Geometrical Features for Race Classification. Lecture Notes in Computer Science, 2019, , 567-574.	1.0	4
7	Measuring the Gender and Ethnicity Bias in Deep Models for Face Recognition. Lecture Notes in Computer Science, 2019, , 584-593.	1.0	16
8	A comprehensive overview of biometric fusion. Information Fusion, 2019, 52, 187-205.	11.7	136
9	FaceGenderID: Exploiting Gender Information in DCNNs Face Recognition Systems. , 2019, , .		15
10	Facial Soft Biometrics Detection on Low Power Devices. , 2019, , .		4
11	Deep learning based estimation of facial attributes on challenging mobile phone face datasets. , 2019, , .		7
12	Active detection of age groups based on touch interaction. IET Biometrics, 2019, 8, 101-108.	1.6	24
13	A Reminiscence of " <italic>Mastermind</italic> ― Iris/Periocular Biometrics by " <italic>In-Set</italic> ―CNN Iterative Analysis. IEEE Transactions on Information Forensics and Security, 2019, 14, 1702-1712.	4.5	15
14	Effective multiple person recognition in random video sequences using a convolutional neural network. Multimedia Tools and Applications, 2020, 79, 11125-11141.	2.6	2
15	Face Semantic Segmentation and Enhanced Attribute Description on Portrait Robot. , 2020, , .		1
16	PrivacyNet: Semi-Adversarial Networks for Multi-Attribute Face Privacy. IEEE Transactions on Image Processing, 2020, 29, 9400-9412.	6.0	52
17	A Comparative Evaluation of Heart Rate Estimation Methods using Face Videos. , 2020, , .		14
18	Bias in Multimodal AI: Testbed for Fair Automatic Recruitment. , 2020, , .		22

	CITATION R	CITATION REPORT	
#	Article	IF	CITATIONS
19	Detecting Deepfake Videos using Attribution-Based Confidence Metric. , 2020, , .		17
20	EPYNET: Efficient Pyramidal Network for Clothing Segmentation. IEEE Access, 2020, 8, 187882-187892.	2.6	9
21	Computational Intelligence for Information Security: A Survey. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 616-629.	3.4	17
22	Deepfakes and beyond: A Survey of face manipulation and fake detection. Information Fusion, 2020, 64, 131-148.	11.7	423
23	Face Recognition Systems: A Survey. Sensors, 2020, 20, 342.	2.1	279
24	Classical and modern face recognition approaches: a complete review. Multimedia Tools and Applications, 2021, 80, 4825-4880.	2.6	61
25	SensitiveNets: Learning Agnostic Representations with Application to Face Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2158-2164.	9.7	68
26	A Quadruplet Loss for Enforcing Semantically Coherent Embeddings in Multi-Output Classification Problems. IEEE Transactions on Information Forensics and Security, 2021, 16, 800-811.	4.5	4
27	A Comprehensive Study on Face Recognition Biases Beyond Demographics. IEEE Transactions on Technology and Society, 2022, 3, 16-30.	2.4	45
28	Mutual Information Maximization on Disentangled Representations for Differential Morph Detection. , 2021, , .		14
29	InsideBias: Measuring Bias in Deep Networks and Application to Face Gender Biometrics. , 2021, , .		28
30	Learning Emotional-Blinded Face Representations. , 2021, , .		5
31	Soft biometrics: a survey. Multimedia Tools and Applications, 2024, 83, 15151-15194.	2.6	20
32	Improving Parkinson Detection using Dynamic Features from Evoked Expressions in Video. , 2021, , .		10
33	Facial masks and softâ€biometrics: Leveraging face recognition CNNs for age and gender prediction on mobile ocular images. IET Biometrics, 2021, 10, 562-580.	1.6	17
34	Facial Recognition System for People with and without Face Mask in Times of the COVID-19 Pandemic. Sustainability, 2021, 13, 6900.	1.6	35
35	Transferability Analysis of an Adversarial Attack on Gender Classification to Face Recognition. , 2021, ,		2
36	Facial Expressions as a Vulnerability in Face Recognition. , 2021, , .		9

# 37	ARTICLE FaceHop: A Light-Weight Low-Resolution Face Gender Classification Method. Lecture Notes in Computer Science, 2021, , 169-183.	IF 1.0	Citations
38	Spatio-Temporal Deepfake Detection with Deep Neural Networks. Lecture Notes in Computer Science, 2021, , 78-94.	1.0	10
39	MAAD-Face: A Massively Annotated Attribute Dataset for Face Images. IEEE Transactions on Information Forensics and Security, 2021, 16, 3942-3957.	4.5	16
40	DeepRhythm. , 2020, , .		94
41	mEBAL: A Multimodal Database for Eye Blink Detection and Attention Level Estimation. , 2020, , .		16
42	Fusing CNNs and statistical indicators to improve image classification. Information Fusion, 2022, 79, 174-187.	11.7	25
43	Whole Image and Modular Image Face Classification - What is Really Classified?. Lecture Notes in Computer Science, 2019, , 616-625.	1.0	0
44	Are Adaptive Face Recognition Systems still Necessary? Experiments on the APE Dataset. , 2020, , .		1
45	MagDR: Mask-guided Detection and Reconstruction for Defending Deepfakes. , 2021, , .		15
46	An Introduction toÂDigital Face Manipulation. Advances in Computer Vision and Pattern Recognition, 2022, , 3-26.	0.9	9
47	Face Image Quality Assessment: A Literature Survey. ACM Computing Surveys, 2022, 54, 1-49.	16.1	36
48	Modern Authentication Schemes in Smartphones and IoT Devices: An Empirical Survey. IEEE Internet of Things Journal, 2022, 9, 7639-7663.	5.5	4
49	Detecting Soft-Biometric Privacy Enhancement. Advances in Computer Vision and Pattern Recognition, 2022, , 391-411.	0.9	0
50	OTB-morph: One-Time Biometrics via Morphing applied to Face Templates. , 2022, , .		2
51	E2F-GAN: Eyes-to-Face Inpainting via Edge-Aware Coarse-to-Fine GANs. IEEE Access, 2022, 10, 32406-32417.	2.6	8
52	SELM: Siamese extreme learning machine with application to face biometrics. Neural Computing and Applications, 2022, , 1-15.	3.2	0
53	Cross-sensor periocular biometrics in a global pandemic: Comparative benchmark and novel multialgorithmic approach. Information Fusion, 2022, 83-84, 110-130.	11.7	10
54	Harnessing Unlabeled Data to Improve Generalization of Biometric Gender and Age Classifiers. , 2021, , .		2

CITATION REPORT

#	Article	IF	CITATIONS
55	Exploring Facial Expressions and Action Unit Domains ForÂParkinson Detection. SSRN Electronic Journal, 0, , .	0.4	1
56	Towards Face Representation Learning Conditioned on the Soft Biometrics. , 2022, , .		0
58	Facial Recognition Using Edge-Driven Biometric System. , 2022, , .		0
59	DeepFakes for Privacy: Investigating the Effectiveness of State-of-the-Art Privacy-Enhancing Face Obfuscation Methods. , 2022, , .		7
60	An Information Theoretic Approach forÂAttention-Driven Face Forgery Detection. Lecture Notes in Computer Science, 2022, , 111-127.	1.0	6
62	RSFS: A soft biometrics-based relative support features set for person verification. , 2022, , .		2
63	Forgery face detection via adaptive learning from multiple experts. Neurocomputing, 2023, 527, 110-118.	3.5	0
64	DF-UDetector: An effective method towards robust deepfake detection via feature restoration. Neural Networks, 2023, 160, 216-226.	3.3	8
65	Annotated Pedestrians: A Dataset for Soft Biometrics Estimation for Varying Distances. IEEE Journal on Selected Topics in Signal Processing, 2023, 17, 699-707.	7.3	1
66	Gender-Specific Characteristics for Hand-Vein Biometric Recognition: Analysis and Exploitation. IEEE Access, 2023, 11, 11700-11710.	2.6	1
67	Exploring facial expressions and action unit domains for Parkinson detection. PLoS ONE, 2023, 18, e0281248.	1.1	3
68	Introduction to Presentation Attack Detection in Iris Biometrics and Recent Advances. Advances in Computer Vision and Pattern Recognition, 2023, , 103-121.	0.9	0
69	Introduction to Presentation Attack Detection in Face Biometrics and Recent Advances. Advances in Computer Vision and Pattern Recognition, 2023, , 203-230.	0.9	2
70	FCD-Net: Learning to detect multiple types of homologous deepfake face images. IEEE Transactions on Information Forensics and Security, 2023, , 1-1.	4.5	0
74	Data Augmentation for Convolutional Neural Network DeepFake Image Detection. , 2023, , .		0
75	An Approach of Fake Videos Detection Based on Haar Cascades and Convolutional Neural Network. , 2023, , .		0
78	Toward Face Biometric De-identification using Adversarial Examples. , 2023, , .		2
79	Measuring Bias in Al Models: An Statistical Approach Introducing N-Sigma. , 2023, , .		3

CITATION REPORT

#	Article	IF	CITATIONS
80	Analysis on DeepFake Dataset, Manipulation and Detection Techniques: A Review. Lecture Notes in Electrical Engineering, 2023, , 399-408.	0.3	0
81	Dataset Generation andÂStudy ofÂDeepfake Techniques. Lecture Notes in Networks and Systems, 2023, , 197-206.	0.5	0
83	Decoding Deception: Understanding Human Discrimination Ability in Differentiating Authentic Faces from Deepfake Deceits. Lecture Notes in Computer Science, 2024, , 470-481.	1.0	0
84	Real is not True: Backdoor Attacks Against Deepfake Detection. , 2023, , .		0