Xilin Chen

List of Publications by Year
in descending order

56 papers	6,183 citations	230014 27 h-index	355658 38 g-index
57 all docs	57 docs citations	57 times ranked	4655 citing authors

#	Article	IF	Citations
1	Personalized Convolution for Face Recognition. International Journal of Computer Vision, 2022, 130, 344-362.	10.9	4
2	Deep Heterogeneous Hashing for Face Video Retrieval. IEEE Transactions on Image Processing, 2020, 29, 1299-1312.	6.0	15
3	AttGAN: Facial Attribute Editing by Only Changing What You Want. IEEE Transactions on Image Processing, 2019, 28, 5464-5478.	6.0	432
4	Hierarchical Attention for Part-Aware Face Detection. International Journal of Computer Vision, 2019, 127, 560-578.	10.9	23
5	S2GAN: Share Aging Factors Across Ages and Share Aging Trends Among Individuals. , 2019, , .		34
6	Cross Euclidean-to-Riemannian Metric Learning with Application to Face Recognition from Video. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2827-2840.	9.7	60
7	Face Anti-Spoofing with Multi-Scale Information. , 2018, , .		6
8	Fusing magnitude and phase features with multiple face models for robust face recognition. Frontiers of Computer Science, 2018, 12, 1173-1191.	1.6	3
9	Face Recognition with Contrastive Convolution. Lecture Notes in Computer Science, 2018, , 120-135.	1.0	26
10	VIPLFaceNet: an open source deep face recognition SDK. Frontiers of Computer Science, 2017, 11, 208-218.	1.6	78
11	Discriminant Analysis on Riemannian Manifold of Gaussian Distributions for Face Recognition with Image Sets. IEEE Transactions on Image Processing, 2017, 27, 1-1.	6.0	44
12	Deep Multi-Task Learning for Joint Prediction of Heterogeneous Face Attributes. , 2017, , .		29
13	Funnel-structured cascade for multi-view face detection with alignment-awareness. Neurocomputing, 2017, 221, 138-145.	3.5	81
14	Continuous heart rate measurement from face: A robust rPPG approach with distribution learning. , 2017, , .		31
15	Bi-Shifting Auto-Encoder for Unsupervised Domain Adaptation. , 2015, , .		35
16	A Benchmark and Comparative Study of Video-Based Face Recognition on COX Face Database. IEEE Transactions on Image Processing, 2015, 24, 5967-5981.	6.0	119
17	Projection Metric Learning on Grassmann Manifold with Application to Video based Face Recognition. , 2015, , .		138
18	Communication tool for the hard of hearings: A large vocabulary sign language recognition system. , 2015, , .		11

#	ARTICLE	IF	CITATIONS
19	Face recognition on large-scale video in the wild with hybrid Euclidean-and-Riemannian metric learning. Pattern Recognition, 2015, 48, 3113-3124.	5.1	68
20	Sparsely encoded local descriptor for face verification. Neurocomputing, 2015, 147, 403-411.	3.5	4
21	Curve Matching from the View of Manifold for Sign Language Recognition. Lecture Notes in Computer Science, 2015, , 233-246.	1.0	7
22	Combining LBP Difference and Feature Correlation for Texture Description. IEEE Transactions on Image Processing, 2014, 23, 2557-2568.	6.0	105
23	Learning Euclidean-to-Riemannian Metric for Point-to-Set Classification. , 2014, , .		65
24	Domain Adaptation for Face Recognition: Targetize Source Domain Bridged by Common Subspace. International Journal of Computer Vision, 2014, 109, 94-109.	10.9	82
25	A comparative study on illumination preprocessing in face recognition. Pattern Recognition, 2013, 46, 1691-1699.	5.1	179
26	Fusing Robust Face Region Descriptors via Multiple Metric Learning for Face Recognition in the Wild. , 2013, , .		138
27	Coupling Alignments with Recognition for Still-to-Video Face Recognition. , 2013, , .		26
28	Fusing Magnitude and Phase Features for Robust Face Recognition. Lecture Notes in Computer Science, 2013, , 601-612.	1.0	14
29	A Concatenational Graph Evolution Aging Model. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 2083-2096.	9.7	87
30	Boosted translation-tolerable classifiers for fast object detection. Image and Vision Computing, 2012, 30, 480-491.	2.7	1
31	Separability Oriented Preprocessing for Illumination-Insensitive Face Recognition. Lecture Notes in Computer Science, 2012, , 307-320.	1.0	16
32	Manifoldâ€"Manifold Distance and its Application to Face Recognition With Image Sets. IEEE Transactions on Image Processing, 2012, 21, 4466-4479.	6.0	92
33	Image sets alignment for Video-Based Face Recognition. , 2012, , .		25
34	Sparsely Encoded Local Descriptor for face recognition. , 2011, , .		26
35	Cross-pose face recognition based on partial least squares. Pattern Recognition Letters, 2011, 32, 1948-1955.	2.6	41
36	Maximal Linear Embedding for Dimensionality Reduction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1776-1792.	9.7	55

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37	Fusing Local Patterns of Gabor Magnitude and Phase for Face Recognition. IEEE Transactions on Image Processing, 2010, 19, 1349-1361.	6.0	316
38	WLD: A Robust Local Image Descriptor. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1705-1720.	9.7	863
39	A Compositional and Dynamic Model for Face Aging. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 385-401.	9.7	190
40	Lighting Aware Preprocessing for Face Recognition across Varying Illumination. Lecture Notes in Computer Science, 2010, , 308-321.	1.0	22
41	Gaze Data Collection with the Off-the-Shelf Devices. Lecture Notes in Computer Science, 2010, , 747-754.	1.0	0
42	Are Gabor phases really useless for face recognition?. Pattern Analysis and Applications, 2009, 12, 301-307.	3.1	120
43	Learned local Gabor patterns for face representation and recognition. Signal Processing, 2009, 89, 2333-2344.	2.1	86
44	Manifold Discriminant Analysis. , 2009, , .		175
45	Maximizing intra-individual correlations for face recognition across pose differences. , 2009, , .		17
46	Hierarchical Ensemble of Global and Local Classifiers for Face Recognition. IEEE Transactions on Image Processing, 2009, 18, 1885-1896.	6.0	251
47	The CAS-PEAL Large-Scale Chinese Face Database and Baseline Evaluations. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2008, 38, 149-161.	3.4	795
48	Design sparse features for age estimation using hierarchical face model. , 2008, , .		46
49	A Multi-Resolution Dynamic Model for Face Aging Simulation. , 2007, , .		81
50	Histogram of Gabor Phase Patterns (HGPP): A Novel Object Representation Approach for Face Recognition. IEEE Transactions on Image Processing, 2007, 16, 57-68.	6.0	500
51	Local Gabor Binary Patterns Based on Kullbackâ€"Leibler Divergence for Partially Occluded Face Recognition. IEEE Signal Processing Letters, 2007, 14, 875-878.	2.1	69
52	Locally Linear Regression for Pose-Invariant Face Recognition. IEEE Transactions on Image Processing, 2007, 16, 1716-1725.	6.0	231
53	Viewpoint invariant sign language recognition. Computer Vision and Image Understanding, 2007, 108, 87-97.	3.0	37
54	Object detection using spatial histogram features. Image and Vision Computing, 2006, 24, 327-341.	2.7	87

#	Article	IF	Citations
55	A vision-based sign language recognition system using tied-mixture density HMM. , 2004, , .		46
56	Local Linear Regression (LLR) for Pose Invariant Face Recognition. , 0, , .		16