

# Shiguang Shan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

300  
papers

10,362  
citations

51  
h-index

93  
g-index

324  
ext. papers

13,349  
ext. citations

4.6  
avg, IF

6.84  
L-index

#	Paper	IF	Citations
300	Personalized Convolution for Face Recognition. <i>International Journal of Computer Vision</i> , <b>2022</b> , 130, 344	10.6	0
299	Learning Representations for Facial Actions From Unlabeled Videos. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2022</b> , 44, 302-317	13.3	4
298	Motion Feature Aggregation for Video-based Person Re-identification. <i>IEEE Transactions on Image Processing</i> , <b>2022</b> , 1-1	8.7	0
297	Graph Jigsaw Learning for Cartoon Face Recognition. <i>IEEE Transactions on Image Processing</i> , <b>2022</b> , 1-1	8.7	0
296	BiCnet-TKS: Learning Efficient Spatial-Temporal Representation for Video Person Re-Identification <b>2021</b> ,		10
295	Dual-Branch Meta-Learning Network With Distribution Alignment for Face Anti-Spoofing. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 1-1	8	2
294	Meta Auxiliary Learning for Facial Action Unit Detection. <i>IEEE Transactions on Affective Computing</i> , <b>2021</b> , 1-1	5.7	1
293	SANet: Statistic Attention Network for Video-Based Person Re-Identification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	1
292	IAUnet: Global Context-Aware Feature Learning for Person Reidentification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 4460-4474	10.3	10
291	Learning to Learn Adaptive Classifier-Predictor for Few-Shot Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 3458-3470	10.3	12
290	Image style disentangling for instance-level facial attribute transfer. <i>Computer Vision and Image Understanding</i> , <b>2021</b> , 207, 103205	4.3	0
289	Unified unsupervised and semi-supervised domain adaptation network for cross-scenario face anti-spoofing. <i>Pattern Recognition</i> , <b>2021</b> , 115, 107888	7.7	14
288	Efficient Face Alignment Network For Masked Face <b>2021</b> ,		2
287	Unsupervised Adversarial Domain Adaptation for Cross-Domain Face Presentation Attack Detection. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 16, 56-69	8	31
286	Corrections to "Learning to Learn Adaptive Classifier-Predictor for Few-Shot Learning". <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 3784	10.3	0
285	Deep video code for efficient face video retrieval. <i>Pattern Recognition</i> , <b>2021</b> , 113, 107754	7.7	2
284	Learning efficient text-to-image synthesis via interstage cross-sample similarity distillation. <i>Science China Information Sciences</i> , <b>2021</b> , 64, 1	3.4	1

283	Multiset Feature Learning for Highly Imbalanced Data Classification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , 43, 139-156	13.3	36
282	What is a Tabby? Interpretable Model Decisions by Learning Attribute-Based Classification Criteria. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , 43, 1791-1807	13.3	2
281	Deep Conditional Distribution Learning for Age Estimation. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2021</b> , 1-1	8	3
280	Feature Completion for Occluded Person Re-Identification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , PP,	13.3	2
279	A Spatio-temporal Approach for Apathy Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2021</b> , 1-1	6.4	0
278	Learning to Recognize Visual Concepts for Visual Question Answering With Structural Label Space. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2020</b> , 14, 494-505	7.5	3
277	Learning deep face representation with long-tail data: An aggregate-and-disperse approach. <i>Pattern Recognition Letters</i> , <b>2020</b> , 133, 48-54	4.7	2
276	Learning Multifunctional Binary Codes for Personalized Image Retrieval. <i>International Journal of Computer Vision</i> , <b>2020</b> , 128, 2223-2242	10.6	
275	Sketching Image Gist: Human-Mimetic Hierarchical Scene Graph Generation. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 222-239	0.9	3
274	Video-Based Remote Physiological Measurement via Cross-Verified Feature Disentangling. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 295-310	0.9	16
273	Temporal Complementary Learning for Video Person Re-identification. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 388-405	0.9	17
272	FCSR-GAN: Joint Face Completion and Super-Resolution via Multi-Task Learning. <i>IEEE Transactions on Biometrics, Behavior, and Identity Science</i> , <b>2020</b> , 2, 109-121	4.3	17
271	Deformable face net for pose invariant face recognition. <i>Pattern Recognition</i> , <b>2020</b> , 100, 107113	7.7	27
270	The 1st Challenge on Remote Physiological Signal Sensing (RePSS) <b>2020</b> ,		7
269	Cross-modal Scene Graph Matching for Relationship-aware Image-Text Retrieval <b>2020</b> ,		39
268	Unsupervised Domain Adaptation With Hierarchical Gradient Synchronization <b>2020</b> ,		19
267	Deep Position-Aware Hashing for Semantic Continuous Image Retrieval <b>2020</b> ,		2
266	Isosceles Constraints for Person Re-identification. <i>IEEE Transactions on Image Processing</i> , <b>2020</b> , PP,	8.7	5

265	Multi-Modal Graph Neural Network for Joint Reasoning on Vision and Scene Text <b>2020,</b>		13
264	<b>2020,</b>		8
263	Self-Supervised Equivariant Attention Mechanism for Weakly Supervised Semantic Segmentation <b>2020,</b>		93
262	<b>2020,</b>		31
261	Single-Side Domain Generalization for Face Anti-Spoofing <b>2020,</b>		40
260	Visual concept conjunction learning with recurrent neural networks. <i>Neurocomputing</i> , <b>2020</b> , 395, 229-236.	4	0
259	Multi-Task Learning of Emotion Recognition and Facial Action Unit Detection with Adaptively Weights Sharing Network <b>2019,</b>		2
258	Robust Remote Heart Rate Estimation from Face Utilizing Spatial-temporal Attention <b>2019,</b>		20
257	Task-Adaptive Feature Reweighting for Few Shot Classification. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 649-662		0.9
256	Multi-label Learning from Noisy Labels with Non-linear Feature Transformation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 404-419		0.9 1
255	Zero-Shot Facial Expression Recognition with Multi-label Label Propagation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 19-34		0.9 1
254	Deep Supervised Hashing for Fast Image Retrieval. <i>International Journal of Computer Vision</i> , <b>2019</b> , 127, 1217-1234		10.6 16
253	Unifying Visual Attribute Learning with Object Recognition in a Multiplicative Framework. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2019</b> , 41, 1747-1760		13.3 6
252	Adaptive Metric Learning For Zero-Shot Recognition. <i>IEEE Signal Processing Letters</i> , <b>2019</b> , 26, 1270-1274.	3.2	11
251	Improving Face Sketch Recognition via Adversarial Sketch-Photo Transformation <b>2019,</b>		6
250	Deformable Face Net: Learning Pose Invariant Feature with Pose Aware Feature Alignment for Face Recognition <b>2019,</b>		4
249	TKDN: Scene Text Detection via Keypoints Detection. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 231-246	0.9	
248	FCSR-GAN: End-to-end Learning for Joint Face Completion and Super-resolution <b>2019,</b>		5

247	A fast and robust 3D face recognition approach based on deeply learned face representation. <i>Neurocomputing</i> , <b>2019</b> , 363, 375-397	5.4	22
246	LRW-1000: A Naturally-Distributed Large-Scale Benchmark for Lip Reading in the Wild <b>2019</b> ,		26
245	AttGAN: Facial Attribute Editing by Only Changing What You Want. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> , 28, 5464-5478	8.7	199
244	Style Transfer with Adversarial Learning for Cross-Dataset Person Re-identification. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 165-180	0.9	1
243	VIPL-HR: A Multi-modal Database for Pulse Estimation from Less-Constrained Face Video. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 562-576	0.9	12
242	COSONet: Compact Second-Order Network for Video Face Recognition. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 51-67	0.9	2
241	RhythmNet: End-to-end Heart Rate Estimation from Face via Spatial-temporal Representation. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	61
240	Deep Heterogeneous Hashing for Face Video Retrieval. <i>IEEE Transactions on Image Processing</i> , <b>2019</b> ,	8.7	9
239	Hierarchical Attention for Part-Aware Face Detection. <i>International Journal of Computer Vision</i> , <b>2019</b> , 127, 560-578	10.6	18
238	Multi-Modal Face Presentation Attack Detection via Spatial and Channel Attentions <b>2019</b> ,		12
237	Temporal Knowledge Propagation for Image-to-Video Person Re-Identification <b>2019</b> ,		24
236	VRSTC: Occlusion-Free Video Person Re-Identification <b>2019</b> ,		63
235	<b>2019</b> ,		20
234	Local Relationship Learning With Person-Specific Shape Regularization for Facial Action Unit Detection <b>2019</b> ,		20
233	S2GAN: Share Aging Factors Across Ages and Share Aging Trends Among Individuals <b>2019</b> ,		21
232	<b>2019</b> ,		23
231	Fully Learnable Group Convolution for Acceleration of Deep Neural Networks <b>2019</b> ,		17
230	Interaction-And-Aggregation Network for Person Re-Identification <b>2019</b> ,		127

229	Weakly Supervised Image Classification Through Noise Regularization <b>2019</b> ,		8
228	Improving Cross-database Face Presentation Attack Detection via Adversarial Domain Adaptation <b>2019</b> ,		26
227	Weakly Supervised Object Detection With Segmentation Collaboration <b>2019</b> ,		28
226	Transferable Contrastive Network for Generalized Zero-Shot Learning <b>2019</b> ,		54
225	Locality-constrained framework for face alignment. <i>Frontiers of Computer Science</i> , <b>2019</b> , 13, 789-801	2.2	0
224	Tattoo Image Search at Scale: Joint Detection and Compact Representation Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2019</b> , 41, 2333-2348	13.3	15
223	Discriminant Analysis on Riemannian Manifold of Gaussian Distributions for Face Recognition With Image Sets. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> , 27, 151-163	8.7	36
222	Cross Euclidean-to-Riemannian Metric Learning with Application to Face Recognition from Video. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 2827-2840	13.3	36
221	Deep Learning for Visual Understanding: Part 2 [From the Guest Editors]. <i>IEEE Signal Processing Magazine</i> , <b>2018</b> , 35, 17-19	9.4	5
220	Image to Video Person Re-Identification by Learning Heterogeneous Dictionary Pair With Feature Projection Matrix. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2018</b> , 13, 717-732	8	44
219	Improving 2D Face Recognition via Discriminative Face Depth Estimation <b>2018</b> ,		20
218	Attribute annotation on large-scale image database by active knowledge transfer. <i>Image and Vision Computing</i> , <b>2018</b> , 78, 1-13	3.7	1
217	RGB-D Face Recognition via Deep Complementary and Common Feature Learning <b>2018</b> ,		19
216	Multi-Channel Pose-Aware Convolution Neural Networks for Multi-View Facial Expression Recognition <b>2018</b> ,		20
215	HeadNet: Pedestrian Head Detection Utilizing Body in Context <b>2018</b> ,		4
214	RGB-D Face Recognition: A Comparative Study of Representative Fusion Schemes. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 358-366	0.9	1
213	Generative Adversarial Network with Spatial Attention for Face Attribute Editing. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 422-437	0.9	54
212	Joint Representation and Truncated Inference Learning for Correlation Filter Based Tracking. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 560-575	0.9	16

211	Face Recognition with Contrastive Convolution. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 120-135	0.9	18
210	Learning Class Prototypes via Structure Alignment for Zero-Shot Recognition. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 121-138	0.9	36
209	Facial Expression Recognition with Inconsistently Annotated Datasets. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 227-243	0.9	67
208	Occlusion aware facial expression recognition using CNN with attention mechanism. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	220
207	Geometry-Aware Similarity Learning on SPD Manifolds for Visual Recognition. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2018</b> , 28, 2513-2523	6.4	11
206	Heterogeneous Face Attribute Estimation: A Deep Multi-Task Learning Approach. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 2597-2609	13.3	104
205	Structure Inference Net: Object Detection Using Scene-Level Context and Instance-Level Relationships <b>2018</b> ,		90
204	Scene Text Detection via Deep Semantic Feature Fusion and Attention-based Refinement <b>2018</b> ,		3
203	Mean-Variance Loss for Deep Age Estimation from a Face <b>2018</b> ,		75
202	Patch-Gated CNN for Occlusion-aware Facial Expression Recognition <b>2018</b> ,		46
201	Duplex Generative Adversarial Network for Unsupervised Domain Adaptation <b>2018</b> ,		69
200	<b>2018</b> ,		2
199	SynRhythm: Learning a Deep Heart Rate Estimator from General to Specific <b>2018</b> ,		44
198	Real-Time Rotation-Invariant Face Detection with Progressive Calibration Networks <b>2018</b> ,		39
197	Face Anti-Spoofing with Multi-Scale Information <b>2018</b> ,		2
196	Shift-Net: Image Inpainting via Deep Feature Rearrangement. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 3-19	0.9	109
195	MEC 2017: Multimodal Emotion Recognition Challenge <b>2018</b> ,		17
194	Continuity-Discrimination Convolutional Neural Network for Visual Object Tracking <b>2018</b> ,		1

193	Automatic Engagement Prediction with GAP Feature <b>2018</b> ,		21
192	Fusing magnitude and phase features with multiple face models for robust face recognition. <i>Frontiers of Computer Science</i> , <b>2018</b> , 12, 1173-1191	2.2	2
191	Face Alignment across Large Pose via MT-CNN Based 3D Shape Reconstruction <b>2018</b> ,		3
190	Multiple-Shot Person Re-identification via Riemannian Discriminative Learning. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 408-425	0.9	
189	Deep Second-Order Siamese Network for Pedestrian Re-identification. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 321-337	0.9	1
188	VIPLFaceNet: an open source deep face recognition SDK. <i>Frontiers of Computer Science</i> , <b>2017</b> , 11, 208-218		50
187	Robust FEC-CNN: A High Accuracy Facial Landmark Detection System <b>2017</b> ,		14
186	Prototype Discriminative Learning for Image Set Classification. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 1318-1322	3.2	18
185	Noisy Face Image Sets Refining Collaborated with Discriminant Feature Space Learning <b>2017</b> ,		1
184	A Fully End-to-End Cascaded CNN for Facial Landmark Detection <b>2017</b> ,		22
183	LDF-Net: Learning a Displacement Field Network for Face Recognition across Pose <b>2017</b> ,		8
182	Self-Error-Correcting Convolutional Neural Network for Learning with Noisy Labels <b>2017</b> ,		10
181	<b>2017</b> ,		22
180	Funnel-structured cascade for multi-view face detection with alignment-awareness. <i>Neurocomputing</i> , <b>2017</b> , 221, 138-145	5.4	50
179	Continuous heart rate measurement from face: A robust rPPG approach with distribution learning <b>2017</b> ,		15
178	Recursive Spatial Transformer (ReST) for Alignment-Free Face Recognition <b>2017</b> ,		24
177	Deep Learning for Visual Understanding [From the Guest Editors]. <i>IEEE Signal Processing Magazine</i> , <b>2017</b> , 34, 24-25	9.4	3
176	KinNet <b>2017</b> ,		17



175	Discriminative Covariance Oriented Representation Learning for Face Recognition with Image Sets <b>2017</b> ,		20
174	Learning Discriminative Latent Attributes for Zero-Shot Classification <b>2017</b> ,		47
173	Learning Multifunctional Binary Codes for Both Category and Attribute Oriented Retrieval Tasks <b>2017</b> ,		18
172	Prototype Discriminative Learning for Face Image Set Classification. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 344-360	0.9	2
171	Actions Recognition in Crowd Based on Coarse-to-Fine Multi-object Tracking. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 478-490	0.9	
170	Deep Video Code for Efficient Face Video Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 296-312	0.9	2
169	Spatial Pyramid Covariance-Based Compact Video Code for Robust Face Retrieval in TV-Series. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 5905-5919	8.7	12
168	MEC 2016: The Multimodal Emotion Recognition Challenge of CCPR 2016. <i>Communications in Computer and Information Science</i> , <b>2016</b> , 667-678	0.3	15
167	Learning prototypes and similes on Grassmann manifold for spontaneous expression recognition. <i>Computer Vision and Image Understanding</i> , <b>2016</b> , 147, 95-101	4.3	1
166	Relative Forest for Visual Attribute Prediction. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 3991-4003	8.7	8
165	Video modeling and learning on Riemannian manifold for emotion recognition in the wild. <i>Journal on Multimodal User Interfaces</i> , <b>2016</b> , 10, 113-124	1.7	4
164	Learning to Diffuse: A New Perspective to Design PDEs for Visual Analysis. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 2457-2471	13.3	25
163	Guest Editorial Special Issue on Mobile Biometrics. <i>IET Biometrics</i> , <b>2016</b> , 5, 1-2	2.9	2
162	Multi-View Discriminant Analysis. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 188-94	13.3	328
161	Attribute Conjunction Learning with Recurrent Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 345-360	0.9	
160	Deep Supervised Hashing for Fast Image Retrieval <b>2016</b> ,		335
159	Occlusion-Free Face Alignment: Deep Regression Networks Coupled with De-Corrupt AutoEncoders <b>2016</b> ,		41
158	Unsupervised person re-identification with locality-constrained Earth Mover's distance <b>2016</b> ,		2

157	. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2016</b> , 11, 2866-2875	8	5
156	Learning Expressionlets via Universal Manifold Model for Dynamic Facial Expression Recognition. <i>IEEE Transactions on Image Processing</i> , <b>2016</b> , 25, 5920-5932	8.7	36
155	Probabilistic nearest neighbor search for robust classification of face image sets <b>2015</b> ,		8
154	AU-inspired Deep Networks for Facial Expression Feature Learning. <i>Neurocomputing</i> , <b>2015</b> , 159, 126-136	5.4	146
153	Face recognition on large-scale video in the wild with hybrid Euclidean-and-Riemannian metric learning. <i>Pattern Recognition</i> , <b>2015</b> , 48, 3113-3124	7.7	61
152	Hierarchical hybrid statistic based video binary code and its application to face retrieval in TV-series <b>2015</b> ,		3
151	Report on the FG 2015 Video Person Recognition Evaluation <b>2015</b> ,		22
150	Sparsely encoded local descriptor for face verification. <i>Neurocomputing</i> , <b>2015</b> , 147, 403-411	5.4	3
149	Discriminant analysis on Riemannian manifold of Gaussian distributions for face recognition with image sets <b>2015</b> ,		45
148	Exploiting Feature Hierarchies with Convolutional Neural Networks for Cultural Event Recognition <b>2015</b> ,		8
147	Bi-Shifting Auto-Encoder for Unsupervised Domain Adaptation <b>2015</b> ,		26
146	Leveraging Datasets with Varying Annotations for Face Alignment via Deep Regression Network <b>2015</b> ,		12
145	A Unified Multiplicative Framework for Attribute Learning <b>2015</b> ,		14
144	Two Birds, One Stone: Jointly Learning Binary Code for Large-Scale Face Image Retrieval and Attributes Prediction <b>2015</b> ,		26
143	A Benchmark and Comparative Study of Video-Based Face Recognition on COX Face Database. <i>IEEE Transactions on Image Processing</i> , <b>2015</b> , 24, 5967-81	8.7	94
142	Face video retrieval with image query via hashing across Euclidean space and Riemannian manifold <b>2015</b> ,		36
141	AgeNet: Deeply Learned Regressor and Classifier for Robust Apparent Age Estimation <b>2015</b> ,		71
140	Projection Metric Learning on Grassmann Manifold with Application to Video based Face Recognition <b>2015</b> ,		89

139	Still to video face recognition using a heterogeneous matching approach <b>2015</b> ,		3
138	Shape driven kernel adaptation in Convolutional Neural Network for robust facial trait recognition <b>2015</b> ,		27
137	Representation Learning with Smooth Autoencoder. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 72-86	0.9	4
136	Hybrid Euclidean-and-Riemannian Metric Learning for Image Set Classification. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 562-577	0.9	7
135	Deeply Learning Deformable Facial Action Parts Model for Dynamic Expression Analysis. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 143-157	0.9	75
134	Everything is in the Face? Represent Faces with Object Bank. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 180-193	0.9	
133	Learning Euclidean-to-Riemannian Metric for Point-to-Set Classification <b>2014</b> ,		56
132	Stacked Progressive Auto-Encoders (SPA-E) for Face Recognition Across Poses <b>2014</b> ,		137
131	Learning Expressionlets on Spatio-temporal Manifold for Dynamic Facial Expression Recognition <b>2014</b> ,		165
130	Maximal likelihood correspondence estimation for face recognition across pose. <i>IEEE Transactions on Image Processing</i> , <b>2014</b> , 23, 4587-600	8.7	17
129	CovGa: A novel descriptor based on symmetry of regions for head pose estimation. <i>Neurocomputing</i> , <b>2014</b> , 143, 97-108	5.4	24
128	Domain Adaptation for Face Recognition: Targetize Source Domain Bridged by Common Subspace. <i>International Journal of Computer Vision</i> , <b>2014</b> , 109, 94-109	10.6	67
127	Joint sparse representation for video-based face recognition. <i>Neurocomputing</i> , <b>2014</b> , 135, 306-312	5.4	49
126	Data-driven hair segmentation with isomorphic manifold inference. <i>Image and Vision Computing</i> , <b>2014</b> , 32, 739-750	3.7	2
125	Robust Head-Shoulder Detection Using a Two-Stage Cascade Framework <b>2014</b> ,		4
124	Deep Network Cascade for Image Super-resolution. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 49-64	0.9	89
123	Combining Multiple Kernel Methods on Riemannian Manifold for Emotion Recognition in the Wild <b>2014</b> ,		99
122	Adaptive Partial Differential Equation Learning for Visual Saliency Detection <b>2014</b> ,		70

121	Flowing on Riemannian manifold: domain adaptation by shifting covariance. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2264-73	10.2	41
120	Semisupervised Hashing via Kernel Hyperplane Learning for Scalable Image Search. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2014</b> , 24, 704-713	6.4	23
119	Compact Video Code and Its Application to Robust Face Retrieval in TV-Series <b>2014</b> ,		10
118	Modeling Video Dynamics with Deep Dynencoder. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 215-230	0.9	17
117	Coarse-to-Fine Auto-Encoder Networks (CFAN) for Real-Time Face Alignment. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 1-16	0.9	158
116	<b>2013</b> ,		11
115	Partial least squares regression on grassmannian manifold for emotion recognition <b>2013</b> ,		28
114	Face Recognition after Plastic Surgery: A Comprehensive Study. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 565-576	0.9	10
113	Head yaw estimation via symmetry of regions <b>2013</b> ,		2
112	A comparative study on illumination preprocessing in face recognition. <i>Pattern Recognition</i> , <b>2013</b> , 46, 1691-1699	7.7	129
111	Adaptive discriminant learning for face recognition. <i>Pattern Recognition</i> , <b>2013</b> , 46, 2497-2509	7.7	50
110	Learning prototype hyperplanes for face verification in the wild. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 3310-6	8.7	25
109	Strip features for fast object detection. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 1898-1912	10.2	7
108	Isomorphic Manifold Inference for hair segmentation <b>2013</b> ,		5
107	Fusing Robust Face Region Descriptors via Multiple Metric Learning for Face Recognition in the Wild <b>2013</b> ,		117
106	Cascaded Shape Space Pruning for Robust Facial Landmark Detection <b>2013</b> ,		12
105	Coupling Alignments with Recognition for Still-to-Video Face Recognition <b>2013</b> ,		24
104	Effects of Image Preprocessing on Face Matching and Recognition in Human Observers. <i>Applied Cognitive Psychology</i> , <b>2013</b> , 27, 718-724	2.1	5

103	Relative Forest for Attribute Prediction. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 316-327	0.9	10
102	Locality-Constrained Active Appearance Model. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 636-647	0.9	7
101	Active Learning for Interactive Segmentation with Expected Confidence Change. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 790-802	0.9	5
100	Enhancing Expression Recognition in the Wild with Unlabeled Reference Data. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 577-588	0.9	11
99	Benchmarking Still-to-Video Face Recognition via Partial and Local Linear Discriminant Analysis on COX-S2V Dataset. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 589-600	0.9	11
98	Fusing Magnitude and Phase Features for Robust Face Recognition. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 601-612	0.9	7
97	Cross-view Graph Embedding. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 770-781	0.9	3
96	Interactive Segmentation with Recommendation of Most Informative Regions. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 483-490	0.9	
95	Head Pose Estimation via Background Removal. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 140-147	0.9	1
94	Context modeling for facial landmark detection based on Non-Adjacent Rectangle (NAR) Haar-like feature. <i>Image and Vision Computing</i> , <b>2012</b> , 30, 136-146	3.7	14
93	Coupled bias-variance tradeoff for cross-pose face recognition. <i>IEEE Transactions on Image Processing</i> , <b>2012</b> , 21, 305-15	8.7	88
92	Boosted translation-tolerable classifiers for fast object detection. <i>Image and Vision Computing</i> , <b>2012</b> , 30, 480-491	3.7	1
91	Morphable Displacement Field Based Image Matching for Face Recognition across Pose. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 102-115	0.9	39
90	Separability Oriented Preprocessing for Illumination-Insensitive Face Recognition. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 307-320	0.9	13
89	Manifold-manifold distance and its application to face recognition with image sets. <i>IEEE Transactions on Image Processing</i> , <b>2012</b> , 21, 4466-79	8.7	82
88	Image sets alignment for Video-Based Face Recognition <b>2012</b> ,		5
87	Multiview Metric Learning with Global Consistency and Local Smoothness. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2012</b> , 3, 1-22	8	38
86	A concatenational graph evolution aging model. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2012</b> , 34, 2083-96	13.3	60

85	Structured Sparse Linear Discriminant Analysis <b>2012</b> ,		7
84	Multi-view Discriminant Analysis. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 808-821	0.9	87
83	Joint Face Alignment: Rescue Bad Alignments with Good Ones by Regularized Re-fitting. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 616-630	0.9	4
82	Cross-pose face recognition based on partial least squares. <i>Pattern Recognition Letters</i> , <b>2011</b> , 32, 1948-1955	1.7	37
81	High-Resolution Face Fusion for Gender Conversion. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2011</b> , 41, 226-237		20
80	Maximal Linear Embedding for Dimensionality Reduction. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2011</b> , 33, 1776-92	13.3	52
79	Context constrained facial landmark localization based on discontinuous Haar-like feature <b>2011</b> ,		8
78	<b>2011</b> ,		7
77	Local Regression Model for Automatic Face Sketch Generation <b>2011</b> ,		8
76	Margin Emphasized Metric Learning and its application to Gabor feature based face recognition <b>2011</b> ,		3
75	Adaptive discriminant analysis for face recognition from single sample per person <b>2011</b> ,		14
74	Sparsely Encoded Local Descriptor for face recognition <b>2011</b> ,		16
73	Classifiability-based discriminatory projection pursuit. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 2050-61		12
72	Face recognition based on non-corresponding region matching <b>2011</b> ,		12
71	Side-Information based Linear Discriminant Analysis for Face Recognition <b>2011</b> ,		43
70	Learning Gabor Features for Facial Age Estimation. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 204-213	0.9	3
69	Gray-scale super-resolution for face recognition from low Gray-scale resolution face images <b>2010</b> ,		1
68	Adaptive generic learning for face recognition from a single sample per person <b>2010</b> ,		71

67	Fusing local patterns of Gabor magnitude and phase for face recognition. <i>IEEE Transactions on Image Processing</i> , <b>2010</b> , 19, 1349-61	8.7	245
66	WLD: a robust local image descriptor. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2010</b> , 32, 1705-20	13.3	661
65	A compositional and dynamic model for face aging. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2010</b> , 32, 385-401	13.3	141
64	Sigma Set Based Implicit Online Learning for Object Tracking. <i>IEEE Signal Processing Letters</i> , <b>2010</b> , 17, 807-810	3.2	7
63	Low-Resolution Face Recognition via Coupled Locality Preserving Mappings. <i>IEEE Signal Processing Letters</i> , <b>2010</b> , 17, 20-23	3.2	114
62	Manifold Alignment via Corresponding Projections <b>2010</b> ,		14
61	Spatial-Temporal Granularity-Tunable Gradients Partition (STGGP) Descriptors for Human Detection. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 327-340	0.9	5
60	Lighting Aware Preprocessing for Face Recognition across Varying Illumination. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 308-321	0.9	17
59	A novel two-tier Bayesian based method for hair segmentation <b>2009</b> ,		6
58	Locality preserving constraints for super-resolution with neighbor embedding <b>2009</b> ,		6
57	Fea-Accu cascade for face detection <b>2009</b> ,		1
56	Synthesized views can improve face recognition. <i>Applied Cognitive Psychology</i> , <b>2009</b> , 23, 987-998	2.1	4
55	Are Gabor phases really useless for face recognition?. <i>Pattern Analysis and Applications</i> , <b>2009</b> , 12, 301-307.	7.3	75
54	Optimization of a training set for more robust face detection. <i>Pattern Recognition</i> , <b>2009</b> , 42, 2828-2840	7.7	18
53	Learned local Gabor patterns for face representation and recognition. <i>Signal Processing</i> , <b>2009</b> , 89, 2333-2344	11.4	79
52	Facial Shape Localization Using Probability Gradient Hints. <i>IEEE Signal Processing Letters</i> , <b>2009</b> , 16, 897-900	9.0	5
51	Maximizing intra-individual correlations for face recognition across pose differences <b>2009</b> ,		4
50	Aligning Coupled Manifolds for Face Hallucination. <i>IEEE Signal Processing Letters</i> , <b>2009</b> , 16, 957-960	3.2	63

49	Hierarchical ensemble of global and local classifiers for face recognition. <i>IEEE Transactions on Image Processing</i> , <b>2009</b> , 18, 1885-96	8.7	189
48	Coupled Metric Learning for Face Recognition with Degraded Images. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 220-233	0.9	16
47	Semi-Supervised Discriminant Analysis via Spectral Transduction <b>2009</b> ,		2
46	Locally Assembled Binary (LAB) feature with feature-centric cascade for fast and accurate face detection <b>2008</b> ,		5
45	. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2008</b> , 38, 149-161		574
44	Head yaw estimation from asymmetry of facial appearance. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 1501-12		23
43	Illumination transfer using homomorphic wavelet filtering and its application to light-insensitive face recognition <b>2008</b> ,		6
42	Discriminant analysis for perceptually comparable classes <b>2008</b> ,		1
41	Recovering 3D facial shape via coupled 2D/3D space learning <b>2008</b> ,		5
40	<b>2008</b> ,		1
39	<b>2008</b> ,		2
38	Design sparse features for age estimation using hierarchical face model <b>2008</b> ,		33
37	Unified Principal Component Analysis with generalized Covariance Matrix for face recognition <b>2008</b> ,		1
36	Manifold-Manifold Distance with application to face recognition based on image set <b>2008</b> ,		13
35	Hierarchical Ensemble of Global and Local Classifiers for Face Recognition <b>2007</b> ,		25
34	Locally linear regression for pose-invariant face recognition. <i>IEEE Transactions on Image Processing</i> , <b>2007</b> , 16, 1716-25	8.7	188
33	LOCAL GABOR BINARY PATTERNS BASED ON MUTUAL INFORMATION FOR FACE RECOGNITION. <i>International Journal of Image and Graphics</i> , <b>2007</b> , 07, 777-793	0.5	20
32	<b>2007</b> ,		57



31	Matrix-Structural Learning (MSL) of Cascaded Classifier from Enormous Training Set <b>2007</b> ,		19
30	Enhancing Human Face Detection by Resampling Examples Through Manifolds. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , <b>2007</b> , 37, 1017-1028		29
29	Histogram of Gabor phase patterns (HGPP): a novel object representation approach for face recognition. <i>IEEE Transactions on Image Processing</i> , <b>2007</b> , 16, 57-68	8.7	390
28	Local Gabor Binary Patterns Based on Kullback-Leibler Divergence for Partially Occluded Face Recognition. <i>IEEE Signal Processing Letters</i> , <b>2007</b> , 14, 875-878	3.2	49
27	Isomap Based on the Image Euclidean Distance <b>2006</b> ,		4
26	Patch-Based Gabor Fisher Classifier for Face Recognition <b>2006</b> ,		3
25	Robust Head Pose Estimation Using LGBP <b>2006</b> ,		3
24	Modification of the AdaBoost-based Detector for Partially Occluded Faces <b>2006</b> ,		6
23	Local Visual Primitives (LVP) for Face Modelling and Recognition <b>2006</b> ,		9
22	Face Recognition under Varying Lighting Based on the Probabilistic Model of Gabor Phase <b>2006</b> ,		6
21	Ensemble of Piecewise FDA Based on Spatial Histograms of Local (Gabor) Binary Patterns for Face Recognition <b>2006</b> ,		1
20	<b>2006</b> ,		3
19	Bagging Based Efficient Kernel Fisher Discriminant Analysis for Face Recognition <b>2006</b> ,		2
18	Enhancing Training Set for Face Detection <b>2006</b> ,		5
17	Local Gabor binary pattern histogram sequence (LGBPHS): a novel non-statistical model for face representation and recognition <b>2005</b> ,		173
16	FACE RECOGNITION UNDER GENERIC ILLUMINATION BASED ON HARMONIC RELIGHTING. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2005</b> , 19, 513-531	1.1	25
15	AdaBoost Gabor Fisher Classifier for Face Recognition. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 279-292.	0.9	21
14	Review the strength of Gabor features for face recognition from the angle of its robustness to mis-alignment <b>2004</b> ,		15

13	Information fusion in face identification <b>2004</b> ,		6
12	Face recognition based on face-specific subspace. <i>International Journal of Imaging Systems and Technology</i> , <b>2003</b> , 13, 23-32	2.5	28
11	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2003</b> , 13, 1119-1128	6.4	16
10			2
9	Hierarchical ensemble of Gabor Fisher classifier for face recognition		5
8	Local Linear Regression (LLR) for Pose Invariant Face Recognition		10
7	A novel pupil localization method based on GaborEye model and radial symmetry operator		4
6			44
5	Pose normalization for robust face recognition based on statistical affine transformation		2
4	An improved active shape model for face alignment		19
3	Localizing the iris center by region growing search		4
2	An approach based on phonemes to large vocabulary Chinese sign language recognition		36
1	Maximizing intra-individual correlations for face recognition across pose differences		1