

Jiwen Lu

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.

279
papers

9,643
citations

52
h-index

88
g-index

326
ext. papers

12,402
ext. citations

5.4
avg, IF

7.11
L-index

#	Paper	IF	Citations
279	Order-Constrained Representation Learning for Instructional Video Prediction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1	6.4	0
278	Learning multiscale hierarchical attention for video summarization. <i>Pattern Recognition</i> , 2022 , 122, 10831-7	17	2
277	Latent Fingerprint Indexing: Robust Representation and Adaptive Candidate List. <i>IEEE Transactions on Information Forensics and Security</i> , 2022 , 17, 908-923	8	0
276	Relational Reasoning Over Spatial-Temporal Graphs for Video Summarization.. <i>IEEE Transactions on Image Processing</i> , 2022 , 31, 3017-3031	8.7	0
275	Learning from Temporal Spatial Cubism for Cross-Dataset Skeleton-based Action Recognition. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022 , 18, 1-24	3.4	0
274	Unintentional Action Localization via Counterfactual Examples.. <i>IEEE Transactions on Image Processing</i> , 2022 , PP,	8.7	1
273	Video Saliency Forecasting Transformer. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1	6.4	1
272	Comprehensive Instructional Video Analysis: The COIN Dataset and Performance Evaluation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 3138-3153	13.3	6
271	Hardness-Aware Deep Metric Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 3214-3228	13.3	4
270	Similarity-Aware Fusion Network for 3D Semantic Segmentation 2021 ,		1
269	Meta-Mining Discriminative Samples for Kinship Verification 2021 ,		1
268	WebFace260M: A Benchmark Unveiling the Power of Million-Scale Deep Face Recognition 2021 ,		14
267	PV-RAFT: Point-Voxel Correlation Fields for Scene Flow Estimation of Point Clouds 2021 ,		6
266	Objects are Different: Flexible Monocular 3D Object Detection 2021 ,		13
265	Deep Compositional Metric Learning 2021 ,		6
264	Structure-Aware Face Clustering on a Large-Scale Graph with 107 Nodes 2021 ,		2
263	Saliency-Aware Face Presentation Attack Detection via Deep Reinforcement Learning. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 1-1	8	1

262	Inconsistency-aware Uncertainty Estimation for Semi-supervised Medical Image Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2021 , PP,	11.7	5
261	Iterative Feature Matching for Self-Supervised Indoor Depth Estimation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	1
260	DotFAN: A Domain-Transferred Face Augmentation Net. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 8759-8772	8.7	0
259	FGR: Frustum-Aware Geometric Reasoning for Weakly Supervised 3D Vehicle Detection 2021 ,		4
258	Learning Channel-Wise Interactions for Binary Convolutional Neural Networks. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 3432-3445	13.3	3
257	SOSD-Net: Joint semantic object segmentation and depth estimation from monocular images. <i>Neurocomputing</i> , 2021 , 440, 251-263	5.4	10
256	Recurrent Semantic Preserving Generation for Action Prediction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 231-245	6.4	11
255	Latent Fingerprint Registration via Matching Densely Sampled Points. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 1231-1244	8	5
254	Structure-Preserving Image Super-Resolution. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	5
253	Structure-Coherent Deep Feature Learning for Robust Face Alignment. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 5313-5326	8.7	1
252	Separable Structure Modeling for Semi-supervised Video Object Segmentation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	2
251	Domain-Transferred Face Augmentation Network. <i>Lecture Notes in Computer Science</i> , 2021 , 309-325	0.9	
250	. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 1467-1479	8	4
249	Adversarial Multi-Label Variational Hashing. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 332-344	8.7	7
248	Structure-adaptive Neighborhood Preserving Hashing for Scalable Video Search. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	0
247	Orientation Field Estimation for Latent Fingerprints with Prior Knowledge of Fingerprint Pattern 2021 ,		1
246	Person Re-Identification via Attention Pyramid. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 7663-7686	8.6	4
245	Learning Efficient Binarized Object Detectors with Information Compression. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	3

244	DSNet: A Flexible Detect-to-Summarize Network for Video Summarization. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 948-962	8.7	14
243	Reasoning Graph Networks for Kinship Verification: From Star-Shaped to Hierarchical. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 4947-4961	8.7	3
242	Human Trajectory Prediction via Counterfactual Analysis 2021 ,		3
241	Counterfactual Attention Learning for Fine-Grained Visual Categorization and Re-identification 2021 ,		23
240	NerfingMVS: Guided Optimization of Neural Radiance Fields for Indoor Multi-view Stereo 2021 ,		17
239	Learning Recurrent 3D Attention for Video-Based Person Re-Identification. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 6963-6976	8.7	16
238	Graph Interaction Networks for Relation Transfer in Human Activity Videos. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 2872-2886	6.4	10
237	Identity-Preserving Face Hallucination via Deep Reinforcement Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 4796-4809	6.4	3
236	Graininess-Aware Deep Feature Learning for Robust Pedestrian Detection. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	27
235	Structural Deep Metric Learning for Room Layout Estimation. <i>Lecture Notes in Computer Science</i> , 2020 , 735-751	0.9	1
234	Temporal Coherence or Temporal Motion: Which Is More Critical for Video-Based Person Re-identification?. <i>Lecture Notes in Computer Science</i> , 2020 , 660-676	0.9	11
233	Spatial Geometric Reasoning for Room Layout Estimation via Deep Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , 2020 , 550-565	0.9	2
232	Rotation-Robust Intersection over Union for 3D Object Detection. <i>Lecture Notes in Computer Science</i> , 2020 , 464-480	0.9	4
231	MetaDistiller: Network Self-Boosting via Meta-Learned Top-Down Distillation. <i>Lecture Notes in Computer Science</i> , 2020 , 694-709	0.9	4
230	Deep Hashing with Active Pairwise Supervision. <i>Lecture Notes in Computer Science</i> , 2020 , 522-538	0.9	1
229	Reinforced Axial Refinement Network for Monocular 3D Object Detection. <i>Lecture Notes in Computer Science</i> , 2020 , 540-556	0.9	3
228	Graph-Based Social Relation Reasoning. <i>Lecture Notes in Computer Science</i> , 2020 , 18-34	0.9	4
227	Deep Credible Metric Learning for Unsupervised Domain Adaptation Person Re-identification. <i>Lecture Notes in Computer Science</i> , 2020 , 643-659	0.9	18

226	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 1542-1554	6.6	10
225	Deep Adversarial Metric Learning. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 2037-2051	8.7	15
224	Graph-Based Kinship Reasoning Network 2020 ,		7
223	BiDet: An Efficient Binarized Object Detector 2020 ,		13
222	Deep Metric Learning via Adaptive Learnable Assessment 2020 ,		6
221	Guest Editorial Introduction to the Special Section on Representation Learning for Visual Content Understanding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 2797-2800	6.4	2
220	Global-Local Bidirectional Reasoning for Unsupervised Representation Learning of 3D Point Clouds 2020 ,		15
219	Deep Face Super-Resolution With Iterative Collaboration Between Attentive Recovery and Landmark Estimation 2020 ,		25
218	Structure-Preserving Super Resolution With Gradient Guidance 2020 ,		70
217	Uncertainty-Aware Score Distribution Learning for Action Quality Assessment 2020 ,		17
216	. <i>IEEE Transactions on Multimedia</i> , 2020 , 1-1	6.6	1
215	Deep Variational and Structural Hashing. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , 42, 580-595	13.3	21
214	Learning Reasoning-Decision Networks for Robust Face Alignment. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , 42, 679-693	13.3	5
213	Efficient nearest neighbor search in high dimensional hamming space. <i>Pattern Recognition</i> , 2020 , 99, 107082	7.7	10
212	Multi-View Geometric Mean Metric Learning for Kinship Verification 2019 ,		8
211	Face Segmentor-Enhanced Deep Feature Learning for Face Recognition. <i>IEEE Transactions on Biometrics, Behavior, and Identity Science</i> , 2019 , 1, 223-237	4.3	4
210	Uniform and Variational Deep Learning for RGB-D Object Recognition and Person Re-Identification. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 4970-4983	8.7	16
209	Structured general and specific multi-view subspace clustering. <i>Pattern Recognition</i> , 2019 , 93, 392-403	7.7	28

208	A Vessel-Focused 3D Convolutional Network for Automatic Segmentation and Classification of Coronary Artery Plaques in Cardiac CTA. <i>Lecture Notes in Computer Science</i> , 2019 , 131-141	0.9	3
207	Context Aware 3D Fully Convolutional Networks for Coronary Artery Segmentation. <i>Lecture Notes in Computer Science</i> , 2019 , 85-93	0.9	
206	Spatial-Temporal Attention-Aware Learning for Video-Based Person Re-Identification. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 4192-4205	8.7	44
205	Learning Deep Binary Descriptor with Multi-Quantization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1924-1938	13.3	26
204	Unsupervised Deep Learning of Compact Binary Descriptors. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1501-1514	13.3	34
203	Learning Semantics-Preserving Attention and Contextual Interaction for Group Activity Recognition. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	14
202	BridgeNet: A Continuity-Aware Probabilistic Network for Age Estimation 2019 ,		37
201	Breast Mass Detection in Mammograms via Blending Adversarial Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 52-61	0.9	1
200	DensePoint: Learning Densely Contextual Representation for Efficient Point Cloud Processing 2019 ,		61
199	2019 ,		29
198	UniformFace: Learning Deep Equidistributed Representation for Face Recognition 2019 ,		41
197	Learning Channel-Wise Interactions for Binary Convolutional Neural Networks 2019 ,		22
196	Deep Meta Metric Learning 2019 ,		16
195	Self-Critical Attention Learning for Person Re-Identification 2019 ,		44
194	Deep Embedding Learning With Discriminative Sampling Policy 2019 ,		12
193	Enhanced Bayesian Compression via Deep Reinforcement Learning 2019 ,		6
192	Hardness-Aware Deep Metric Learning 2019 ,		43
191	Conditional Single-View Shape Generation for Multi-View Stereo Reconstruction 2019 ,		14

190	Neighborhood Preserving Hashing for Scalable Video Retrieval 2019 ,		10
189	Structural Relational Reasoning of Point Clouds 2019 ,		30
188	2019 ,		40
187	2019 ,		39
186	Learning principal orientations and residual descriptor for action recognition. <i>Pattern Recognition</i> , 2019 , 86, 14-26	7.7	6
185	Learning Discriminative Aggregation Network for Video-Based Face Recognition and Person Re-identification. <i>International Journal of Computer Vision</i> , 2019 , 127, 701-718	10.6	24
184	Runtime Network Routing for Efficient Image Classification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 2291-2304	13.3	15
183	Multi-Grained Deep Feature Learning for Robust Pedestrian Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3608-3621	6.4	11
182	Multi-Stream Deep Neural Networks for RGB-D Egocentric Action Recognition. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3001-3015	6.4	19
181	Ordinal Deep Learning for Facial Age Estimation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 486-501	6.4	22
180	Reconstruction-based supervised hashing. <i>Pattern Recognition</i> , 2018 , 79, 147-161	7.7	3
179	Left Atrial Appendage Segmentation Using Fully Convolutional Neural Networks and Modified Three-Dimensional Conditional Random Fields. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018 , 22, 1906-1916	7.2	17
178	Topology Preserving Structural Matching for Automatic Partial Face Recognition. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 1823-1837	8	12
177	Cross-Modal Discrete Hashing. <i>Pattern Recognition</i> , 2018 , 79, 114-129	7.7	32
176	Left atrial appendage segmentation and quantitative assisted diagnosis of atrial fibrillation based on fusion of temporal-spatial information. <i>Computers in Biology and Medicine</i> , 2018 , 96, 52-68	7	11
175	Local Large-Margin Multi-Metric Learning for Face and Kinship Verification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1875-1891	6.4	42
174	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 1421-1433	6.4	23
173	Context-Aware Local Binary Feature Learning for Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 1139-1153	13.3	115

172	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2644-2656	6.4	26
171	Scene recognition with objectness. <i>Pattern Recognition</i> , 2018 , 74, 474-487	7.7	61
170	Efficient Rectification of Distorted Fingerprints. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 156-169	8	12
169	Sharable and Individual Multi-View Metric Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 2281-2288	13.3	80
168	Nonlinear subspace clustering for image clustering. <i>Pattern Recognition Letters</i> , 2018 , 107, 131-136	4.7	25
167	2-D Phase Demodulation for Deformable Fingerprint Registration. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 3153-3165	8	12
166	Left Atrial Appendage Neck Modeling for Closure Surgery. <i>Lecture Notes in Computer Science</i> , 2018 , 32-41.9		
165	Part-Activated Deep Reinforcement Learning for Action Prediction. <i>Lecture Notes in Computer Science</i> , 2018 , 435-451	0.9	24
164	Collaborative Deep Reinforcement Learning for Multi-object Tracking. <i>Lecture Notes in Computer Science</i> , 2018 , 605-621	0.9	21
163	Relaxation-Free Deep Hashing via Policy Gradient. <i>Lecture Notes in Computer Science</i> , 2018 , 141-157	0.9	17
162	Deep Reinforcement Learning with Iterative Shift for Visual Tracking. <i>Lecture Notes in Computer Science</i> , 2018 , 697-713	0.9	24
161	Graininess-Aware Deep Feature Learning for Pedestrian Detection. <i>Lecture Notes in Computer Science</i> , 2018 , 745-761	0.9	60
160	Dual-Agent Deep Reinforcement Learning for Deformable Face Tracking. <i>Lecture Notes in Computer Science</i> , 2018 , 783-799	0.9	12
159	Deep Variational Metric Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 714-729	0.9	22
158	Label-Sensitive Deep Metric Learning for Facial Age Estimation. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 292-305	8	46
157	Two-Stream Transformer Networks for Video-Based Face Alignment. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 2546-2554	13.3	46
156	Simultaneous Local Binary Feature Learning and Encoding for Homogeneous and Heterogeneous Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 1979-1993	13.3	104
155	Deep Progressive Reinforcement Learning for Skeleton-Based Action Recognition 2018 ,		177

154	Orientation Field Estimation for Latent Fingerprints by Exhaustive Search of Large Database 2018 ,		3
153	Multi-Label Deep Sparse Hashing 2018 ,		1
152	Learning Globally Optimized Object Detector via Policy Gradient 2018 ,		14
151	GraphBit: Bitwise Interaction Mining via Deep Reinforcement Learning 2018 ,		16
150	Deep Hashing via Discrepancy Minimization 2018 ,		27
149	Deep Adversarial Metric Learning 2018 ,		78
148	Endo3D: Online Workflow Analysis for Endoscopic Surgeries Based on 3D CNN and LSTM. <i>Lecture Notes in Computer Science</i> , 2018 , 97-107	0.9	6
147	Multi-Grained Deep Feature Learning for Pedestrian Detection 2018 ,		8
146	Rank-Consistency Multi-Label Deep Hashing 2018 ,		6
145	Mining Semantics-Preserving Attention for Group Activity Recognition 2018 ,		16
144	Towards Accurate and Complete Registration of Coronary Arteries in CTA Images. <i>Lecture Notes in Computer Science</i> , 2018 , 419-427	0.9	2
143	Order-Sensitive Deep Hashing for Multimorbidity Medical Image Retrieval. <i>Lecture Notes in Computer Science</i> , 2018 , 620-628	0.9	5
142	Detection of Substances in the Left Atrial Appendage by Spatiotemporal Motion Analysis Based on 4D-CT. <i>Lecture Notes in Computer Science</i> , 2018 , 42-50	0.9	
141	Structure-Aware Multimodal Feature Fusion for RGB-D Scene Classification and Beyond. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2018 , 14, 1-22	3.4	4
140	Automatic Subspace Learning via Principal Coefficients Embedding. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3583-3596	10.2	64
139	Learning Deep Sharable and Structural Detectors for Face Alignment. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 1666-1678	8.7	26
138	Deep Hashing for Scalable Image Search. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2352-2367	8.7	79
137	Simultaneous Feature and Dictionary Learning for Image Set Based Face Recognition. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4042-4054	8.7	70

136	Learning Rotation-Invariant Local Binary Descriptor. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3636-3651	8.7	42
135	Discriminative Deep Metric Learning for Face and Kinship Verification. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4269-4282	8.7	156
134	Introduction to Facial Kinship Verification. <i>SpringerBriefs in Computer Science</i> , 2017 , 1-5	0.4	
133	Feature Learning for Facial Kinship Verification. <i>SpringerBriefs in Computer Science</i> , 2017 , 7-36	0.4	1
132	Metric Learning for Facial Kinship Verification. <i>SpringerBriefs in Computer Science</i> , 2017 , 37-62	0.4	1
131	Learning a Discriminative Distance Metric With Label Consistency for Scene Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017 , 55, 4427-4440	8.1	23
130	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1209-1219	6.6	61
129	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1234-1244	6.6	70
128	Left Atrium Segmentation in CT Volumes with Fully Convolutional Networks. <i>Lecture Notes in Computer Science</i> , 2017 , 39-46	0.9	3
127	Topology preserving graph matching for partial face recognition 2017 ,		2
126	Ordinal Deep Feature Learning for Facial Age Estimation 2017 ,		21
125	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1996-2009	6.6	5
124	Multi-modal uniform deep learning for RGB-D person re-identification. <i>Pattern Recognition</i> , 2017 , 72, 446-457	7.7	33
123	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 123-135	6.6	33
122	Group-aware deep feature learning for facial age estimation. <i>Pattern Recognition</i> , 2017 , 66, 82-94	7.7	56
121	Deep Metric Learning for Visual Understanding: An Overview of Recent Advances. <i>IEEE Signal Processing Magazine</i> , 2017 , 34, 76-84	9.4	63
120	Attention-Aware Deep Reinforcement Learning for Video Face Recognition 2017 ,		71
119	Action recognition in RGB-D egocentric videos 2017 ,		17

118	Learning a cross-modal hashing network for multimedia search 2017 ,		1
117	Consistent-Aware Deep Learning for Person Re-identification in a Camera Network 2017 ,		74
116	Learning Deep Binary Descriptor with Multi-quantization 2017 ,		34
115	Cross-Modal Deep Variational Hashing 2017 ,		39
114	Learning Discriminative Aggregation Network for Video-Based Face Recognition 2017 ,		25
113	Localized multi-kernel discriminative canonical correlation analysis for video-based person re-identification 2017 ,		8
112	3DCNN-DQN-RNN: A Deep Reinforcement Learning Framework for Semantic Parsing of Large-Scale 3D Point Clouds 2017 ,		33
111	Fingerprint pose estimation based on faster R-CNN 2017 ,		6
110	Latent fingerprint enhancement using Gabor and minutia dictionaries 2017 ,		2
109	Left Atrial Appendage Segmentation Based on Ranking 2-D Segmentation Proposals. <i>Lecture Notes in Computer Science</i> , 2017 , 21-29	0.9	3
108	Facial Kinship Verification. <i>SpringerBriefs in Computer Science</i> , 2017 ,	0.4	4
107	Video-Based Facial Kinship Verification. <i>SpringerBriefs in Computer Science</i> , 2017 , 63-80	0.4	1
106	Deep Metric Learning for Visual Tracking. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 2056-2068	6.4	51
105	Localized Multifeature Metric Learning for Image-Set-Based Face Recognition. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 529-540	6.4	51
104	. <i>IEEE Transactions on Multimedia</i> , 2016 , 18, 2066-2078	6.6	37
103	Robust Point Set Matching for Partial Face Recognition. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 1163-76	8.7	74
102	Learning Invariant Color Features for Person Reidentification. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3395-3410	8.7	45
101	Simultaneous Audio Source Localization and Microphone Placement. <i>Communications in Computer and Information Science</i> , 2016 , 563-575	0.3	

100	Learning Compact Binary Descriptors with Unsupervised Deep Neural Networks 2016 ,		156
99	Modality and Component Aware Feature Fusion for RGB-D Scene Classification 2016 ,		27
98	A Siamese Long Short-Term Memory Architecture for Human Re-identification. <i>Lecture Notes in Computer Science</i> , 2016 , 135-153	0.9	199
97	Collaborative multi-view metric learning for visual classification 2016 ,		2
96	Nonlinear metric learning for visual tracking 2016 ,		3
95	Deep Transfer Metric Learning. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5576-5588	8.7	49
94	Prototype-Based Discriminative Feature Learning for Kinship Verification. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2535-45	10.2	124
93	Learning Compact Binary Face Descriptor for Face Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015 , 37, 2041-56	13.3	269
92	2015 ,		3
91	PCANet: A Simple Deep Learning Baseline for Image Classification?. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5017-32	8.7	880
90	Discriminative regularized metric learning for person re-identification 2015 ,		2
89	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1949-1959	6.6	146
88	. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 2108-2118	8	135
87	Cross-Speed Gait Recognition Using Speed-Invariant Gait Templates and Globality/Locality Preserving Projections. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 2071-2083	8	22
86	Large Margin Coupled Feature Learning for cross-modal face recognition 2015 ,		9
85	Fine-grained face verification: Dataset and baseline results 2015 ,		3
84	Unsupervised Joint Feature Learning and Encoding for RGB-D Scene Labeling. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4459-73	8.7	21
83	Cost-Sensitive Local Binary Feature Learning for Facial Age Estimation. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5356-68	8.7	86

82	Reconstruction-Based Metric Learning for Unconstrained Face Verification. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 79-89	8	43
81	Local Subspace Collaborative Tracking 2015 ,		6
80	Deep hashing for compact binary codes learning 2015 ,		193
79	Joint Feature Learning for Face Recognition. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 1371-1383	8	75
78	Regularized local metric learning for person re-identification. <i>Pattern Recognition Letters</i> , 2015 , 68, 288-296	296	31
77	Multi-View Complementary Hash Tables for Nearest Neighbor Search 2015 ,		31
76	Deep transfer metric learning 2015 ,		117
75	Simultaneous Local Binary Feature Learning and Encoding for Face Recognition 2015 ,		15
74	MMSS: Multi-modal Sharable and Specific Feature Learning for RGB-D Object Recognition 2015 ,		43
73	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 1887-1898	6.6	111
72	Multi-manifold deep metric learning for image set classification 2015 ,		88
71	Multiple Feature Fusion via Weighted Entropy for Visual Tracking 2015 ,		16
70	Discriminative transfer learning for single-sample face recognition 2015 ,		4
69	Coupled Discriminative Feature Learning for Heterogeneous Face Recognition. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 640-652	8	67
68	Summarizing surveillance videos with local-patch-learning-based abnormality detection, blob sequence optimization, and type-based synopsis. <i>Neurocomputing</i> , 2015 , 155, 84-98	5.4	62
67	Activity-Based Person Identification Using Discriminative Sparse Projections and Orthogonal Ensemble Metric Learning. <i>Lecture Notes in Computer Science</i> , 2015 , 809-824	0.9	1
66	Regularized Bayesian Metric Learning for Person Re-identification. <i>Lecture Notes in Computer Science</i> , 2015 , 209-224	0.9	3
65	Large Margin Multi-metric Learning for Face and Kinship Verification in the Wild. <i>Lecture Notes in Computer Science</i> , 2015 , 252-267	0.9	36

64	Co-Learned Multi-View Spectral Clustering for Face Recognition Based on Image Sets. <i>IEEE Signal Processing Letters</i> , 2014 , 21, 875-879	3.2	19
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38	Activity-based human identification 2013 ,		3
37	Makeup-robust face verification 2013 ,		17
36	Cross-scene abnormal event detection 2013 ,		1
35	Ordinary Preserving Manifold Analysis for Human Age and Head Pose Estimation. <i>IEEE Transactions on Human-Machine Systems</i> , 2013 , 43, 249-258	4.1	77
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31	Activity-based person identification using sparse coding and discriminative metric learning 2012 ,		7
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