

# Yi Yang

## List of Publications by Year in descending order

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488  
papers

39,818  
citations

7096

78  
h-index

9861

141  
g-index

494  
all docs

494  
docs citations

494  
times ranked

19525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlabeled Samples Generated by GAN Improve the Person Re-identification Baseline in Vitro. , 2017, , .		1,283
2	Random Erasing Data Augmentation. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13001-13008.	4.9	1,241
3	Beyond Part Models: Person Retrieval with Refined Part Pooling (and A Strong Convolutional) Tj ETQq1 1 0.784314,rgBT /Overlock 10 1.5 1,079		
4	Attention to Scale: Scale-Aware Semantic Image Segmentation. , 2016, , .		856
5	Articulated pose estimation with flexible mixtures-of-parts. , 2011, , .		762
6	CNN-RNN: A Unified Framework for Multi-label Image Classification. , 2016, , .		707
7	Infrared Patch-Image Model for Small Target Detection in a Single Image. IEEE Transactions on Image Processing, 2013, 22, 4996-5009.	9.8	658
8	Filter Pruning via Geometric Median for Deep Convolutional Neural Networks Acceleration. , 2019, , .		600
9	Articulated Human Detection with Flexible Mixtures of Parts. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2878-2890.	13.9	576
10	Image-Image Domain Adaptation with Preserved Self-Similarity and Domain-Dissimilarity for Person Re-identification. , 2018, , .		573
11	SIFT Meets CNN: A Decade Survey of Instance Retrieval. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1224-1244.	13.9	501
12	Joint Discriminative and Generative Learning for Person Re-Identification. , 2019, , .		491
13	Soft Filter Pruning for Accelerating Deep Convolutional Neural Networks. , 2018, , .		466
14	Contrastive Adaptation Network for Unsupervised Domain Adaptation. , 2019, , .		463
15	Improving person re-identification by attribute and identity learning. Pattern Recognition, 2019, 95, 151-161.	8.1	460
16	Person Re-identification in the Wild. , 2017, , .		458
17	Unsupervised Person Re-identification. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-18.	4.3	455
18	Taking a Closer Look at Domain Shift: Category-Level Adversaries for Semantics Consistent Domain Adaptation. , 2019, , .		448

#	ARTICLE	IF	CITATIONS
19	A Discriminatively Learned CNN Embedding for Person Reidentification. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-20.	4.3	447
20	Inter-media hashing for large-scale retrieval from heterogeneous data sources. , 2013, , .		442
21	A Multimedia Retrieval Framework Based on Semi-Supervised Ranking and Relevance Feedback. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 723-742.	13.9	426
22	Invariance Matters: Exemplar Memory for Domain Adaptive Person Re-Identification. , 2019, , .		424
23	DS-SLAM: A Semantic Visual SLAM towards Dynamic Environments. , 2018, , .		423
24	A Graphene-Based Resistive Pressure Sensor with Record-High Sensitivity in a Wide Pressure Range. Scientific Reports, 2015, 5, 8603.	3.3	415
25	An intelligent artificial throat with sound-sensing ability based on laser induced graphene. Nature Communications, 2017, 8, 14579.	12.8	396
26	Camera Style Adaptation for Person Re-identification. , 2018, , .		379
27	Video Paragraph Captioning Using Hierarchical Recurrent Neural Networks. , 2016, , .		350
28	Adversarial Complementary Learning for Weakly Supervised Object Localization. , 2018, , .		349
29	Pose-Invariant Embedding for Deep Person Re-Identification. IEEE Transactions on Image Processing, 2019, 28, 4500-4509.	9.8	326
30	A Bottom-Up Clustering Approach to Unsupervised Person Re-Identification. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8738-8745.	4.9	325
31	Searching for a Robust Neural Architecture in Four GPU Hours. , 2019, , .		311
32	Multiview Consensus Graph Clustering. IEEE Transactions on Image Processing, 2019, 28, 1261-1270.	9.8	310
33	Multi-Class Active Learning by Uncertainty Sampling with Diversity Maximization. International Journal of Computer Vision, 2015, 113, 113-127.	15.6	296
34	Image Clustering Using Local Discriminant Models and Global Integration. IEEE Transactions on Image Processing, 2010, 19, 2761-2773.	9.8	295
35	Semantic Pooling for Complex Event Analysis in Untrimmed Videos. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 1617-1632.	13.9	290
36	Pedestrian Alignment Network for Large-scale Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3037-3045.	8.3	278

#	ARTICLE	IF	CITATIONS
37	Pose-Guided Feature Alignment for Occluded Person Re-Identification. , 2019, , .		272
38	DM-GAN: Dynamic Memory Generative Adversarial Networks for Text-To-Image Synthesis. , 2019, , .		269
39	An Adaptive Semisupervised Feature Analysis for Video Semantic Recognition. IEEE Transactions on Cybernetics, 2018, 48, 648-660.	9.5	265
40	Discovering Discriminative Graphlets for Aerial Image Categories Recognition. IEEE Transactions on Image Processing, 2013, 22, 5071-5084.	9.8	264
41	A discriminative CNN video representation for event detection. , 2015, , .		263
42	Generalizing a Person Retrieval Model Hetero- and Homogeneously. Lecture Notes in Computer Science, 2018, , 176-192.	1.3	262
43	Hierarchical Recurrent Neural Encoder for Video Representation with Application to Captioning. , 2016, , .		258
44	Multiple feature hashing for real-time large scale near-duplicate video retrieval. , 2011, , .		256
45	Rectifying Pseudo Label Learning via Uncertainty Estimation for Domain Adaptive Semantic Segmentation. International Journal of Computer Vision, 2021, 129, 1106-1120.	15.6	253
46	Look and Think Twice: Capturing Top-Down Visual Attention with Feedback Convolutional Neural Networks. , 2015, , .		249
47	Exploit the Unknown Gradually: One-Shot Video-Based Person Re-identification by Stepwise Learning. , 2018, , .		240
48	Decomposable Nonlocal Tensor Dictionary Learning for Multispectral Image Denoising. , 2014, , .		237
49	Dual-path Convolutional Image-Text Embeddings with Instance Loss. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-23.	4.3	236
50	SG-One: Similarity Guidance Network for One-Shot Semantic Segmentation. IEEE Transactions on Cybernetics, 2020, 50, 3855-3865.	9.5	226
51	Clustering-Guided Sparse Structural Learning for Unsupervised Feature Selection. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2138-2150.	5.7	223
52	DevNet: A Deep Event Network for multimedia event detection and evidence recounting. , 2015, , .		216
53	CamStyle: A Novel Data Augmentation Method for Person Re-Identification. IEEE Transactions on Image Processing, 2019, 28, 1176-1190.	9.8	215
54	Effective Multiple Feature Hashing for Large-Scale Near-Duplicate Video Retrieval. IEEE Transactions on Multimedia, 2013, 15, 1997-2008.	7.2	213

#	ARTICLE	IF	CITATIONS
55	Bi-Level Semantic Representation Analysis for Multimedia Event Detection. IEEE Transactions on Cybernetics, 2017, 47, 1180-1197.	9.5	211
56	Occlusion Aware Unsupervised Learning of Optical Flow. , 2018, , .		205
57	ActBERT: Learning Global-Local Video-Text Representations. , 2020, , .		203
58	Harmonizing Hierarchical Manifolds for Multimedia Document Semantics Understanding and Cross-Media Retrieval. IEEE Transactions on Multimedia, 2008, 10, 437-446.	7.2	199
59	Style Aggregated Network for Facial Landmark Detection. , 2018, , .		199
60	Weakly Supervised Photo Cropping. IEEE Transactions on Multimedia, 2014, 16, 94-107.	7.2	198
61	Rank-Constrained Spectral Clustering With Flexible Embedding. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6073-6082.	11.3	195
62	Dynamic Affinity Graph Construction for Spectral Clustering Using Multiple Features. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 6323-6332.	11.3	191
63	Semisupervised Feature Analysis by Mining Correlations Among Multiple Tasks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2294-2305.	11.3	189
64	Feature Selection for Multimedia Analysis by Sharing Information Among Multiple Tasks. IEEE Transactions on Multimedia, 2013, 15, 661-669.	7.2	187
65	Compound Rank- $\alpha$ & $\beta$ Projections for Bilinear Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1502-1513.	11.3	184
66	Feature Interaction Augmented Sparse Learning for Fast Kinect Motion Detection. IEEE Transactions on Image Processing, 2017, 26, 3911-3920.	9.8	184
67	Multiple knowledge representation for big data artificial intelligence: framework, applications, and case studies. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 1551-1558.	2.6	183
68	Entangled Transformer for Image Captioning. , 2019, , .		182
69	Web Image Annotation Via Subspace-Sparsity Collaborated Feature Selection. IEEE Transactions on Multimedia, 2012, 14, 1021-1030.	7.2	171
70	Progressive Learning for Person Re-Identification With One Example. IEEE Transactions on Image Processing, 2019, 28, 2872-2881.	9.8	170
71	More is Less: A More Complicated Network with Less Inference Complexity. , 2017, , .		168
72	Adaptive Unsupervised Feature Selection With Structure Regularization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 944-956.	11.3	167

#	ARTICLE	IF	CITATIONS
73	Auto-ReID: Searching for a Part-Aware ConvNet for Person Re-Identification. , 2019, , .		160
74	Semisupervised Feature Selection via Spline Regression for Video Semantic Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 252-264.	11.3	156
75	Ranking with local regression and global alignment for cross media retrieval. , 2009, , .		153
76	Multitask Spectral Clustering by Exploring Intertask Correlation. IEEE Transactions on Cybernetics, 2015, 45, 1083-1094.	9.5	150
77	Multi-Feature Fusion via Hierarchical Regression for Multimedia Analysis. IEEE Transactions on Multimedia, 2013, 15, 572-581.	7.2	146
78	Saliency-Guided Cascaded Suppression Network for Person Re-Identification. , 2020, , .		142
79	Fusing Geometric Features for Skeleton-Based Action Recognition Using Multilayer LSTM Networks. IEEE Transactions on Multimedia, 2018, 20, 2330-2343.	7.2	140
80	A Probabilistic Associative Model for Segmenting Weakly Supervised Images. IEEE Transactions on Image Processing, 2014, 23, 4150-4159.	9.8	136
81	Gated Channel Transformation for Visual Recognition. , 2020, , .		136
82	Uncovering the Temporal Context for Video Question Answering. International Journal of Computer Vision, 2017, 124, 409-421.	15.6	135
83	Novel Field-Effect Schottky Barrier Transistors Based on Graphene-MoS2 Heterojunctions. Scientific Reports, 2014, 4, 5951.	3.3	134
84	Mining Semantic Correlation of Heterogeneous Multimedia Data for Cross-Media Retrieval. IEEE Transactions on Multimedia, 2008, 10, 221-229.	7.2	133
85	Learning from massive noisy labeled data for image classification. , 2015, , .		133
86	Supervision-by-Registration: An Unsupervised Approach to Improve the Precision of Facial Landmark Detectors. , 2018, , .		132
87	Discriminating Joint Feature Analysis for Multimedia Data Understanding. IEEE Transactions on Multimedia, 2012, 14, 1662-1672.	7.2	129
88	Beyond Trace Ratio: Weighted Harmonic Mean of Trace Ratios for Multiclass Discriminant Analysis. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2100-2110.	5.7	128
89	Learning Filter Pruning Criteria for Deep Convolutional Neural Networks Acceleration. , 2020, , .		128
90	Image Classification by Cross-Media Active Learning With Privileged Information. IEEE Transactions on Multimedia, 2016, 18, 2494-2502.	7.2	124

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91	Significance-Aware Information Bottleneck for Domain Adaptive Semantic Segmentation. , 2019, , .		122
92	Multimedia Event Detection Using A Classifier-Specific Intermediate Representation. IEEE Transactions on Multimedia, 2013, 15, 1628-1637.	7.2	121
93	Self-produced Guidance for Weakly-Supervised Object Localization. Lecture Notes in Computer Science, 2018, , 610-625.	1.3	121
94	Interactive Video Indexing With Statistical Active Learning. IEEE Transactions on Multimedia, 2012, 14, 17-27.	7.2	120
95	Sparse Multi-Modal Hashing. IEEE Transactions on Multimedia, 2014, 16, 427-439.	7.2	116
96	Graph Structure Fusion for Multiview Clustering. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1984-1993.	5.7	115
97	A spectrally tunable all-graphene-based flexible field-effect light-emitting device. Nature Communications, 2015, 6, 7767.	12.8	113
98	Wafer-Scale Integration of Graphene-based Electronic, Optoelectronic and Electroacoustic Devices. Scientific Reports, 2014, 4, 3598.	3.3	113
99	Asymptotic Soft Filter Pruning for Deep Convolutional Neural Networks. IEEE Transactions on Cybernetics, 2020, 50, 3594-3604.	9.5	111
100	UnOS: Unified Unsupervised Optical-Flow and Stereo-Depth Estimation by Watching Videos. , 2019, , .		110
101	High performance flexible strain sensor based on self-locked overlapping graphene sheets. Nanoscale, 2016, 8, 20090-20095.	5.6	108
102	Person Reidentification via Multi-Feature Fusion With Adaptive Graph Learning. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1592-1601.	11.3	107
103	Event Oriented Dictionary Learning for Complex Event Detection. IEEE Transactions on Image Processing, 2015, 24, 1867-1878.	9.8	105
104	One-Shot Neural Architecture Search via Self-Evaluated Template Network. , 2019, , .		105
105	Few-Example Object Detection with Model Communication. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1641-1654.	13.9	104
106	Web and Personal Image Annotation by Mining Label Correlation With Relaxed Visual Graph Embedding. IEEE Transactions on Image Processing, 2012, 21, 1339-1351.	9.8	103
107	Compound Memory Networks for Few-Shot Video Classification. Lecture Notes in Computer Science, 2018, , 782-797.	1.3	103
108	EEMEFN: Low-Light Image Enhancement via Edge-Enhanced Multi-Exposure Fusion Network. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13106-13113.	4.9	102

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109	Discriminative coupled dictionary hashing for fast cross-media retrieval. , 2014, , .		101
110	IDE: Image Dehazing and Exposure Using an Enhanced Atmospheric Scattering Model. IEEE Transactions on Image Processing, 2021, 30, 2180-2192.	9.8	101
111	Adaptive Exploration for Unsupervised Person Re-identification. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-19.	4.3	101
112	Dual Attention Matching for Audio-Visual Event Localization. , 2019, , .		100
113	DerainCycleGAN: Rain Attentive CycleGAN for Single Image Deraining and Rainmaking. IEEE Transactions on Image Processing, 2021, 30, 4788-4801.	9.8	100
114	Collaborative Video Object Segmentation by Foreground-Background Integration. Lecture Notes in Computer Science, 2020, , 332-348.	1.3	100
115	Graphene-based wearable sensors. Nanoscale, 2019, 11, 18923-18945.	5.6	98
116	Learning to Adapt Invariance in Memory for Person Re-identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 43, 1-1.	13.9	96
117	Weakly Semi-Supervised Deep Learning for Multi-Label Image Annotation. IEEE Transactions on Big Data, 2015, 1, 109-122.	6.1	93
118	Towards efficient search for activity trajectories. , 2013, , .		92
119	Self-Correction for Human Parsing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3260-3271.	13.9	91
120	T2VLAD: Global-Local Sequence Alignment for Text-Video Retrieval. , 2021, , .		91
121	Learning a 3D Human Pose Distance Metric from Geometric Pose Descriptor. IEEE Transactions on Visualization and Computer Graphics, 2011, 17, 1676-1689.	4.4	90
122	Learning Like a Child: Fast Novel Visual Concept Learning from Sentence Descriptions of Images. , 2015, , .		88
123	Ultrafast Photodetector by Integrating Perovskite Directly on Silicon Wafer. ACS Nano, 2020, 14, 2860-2868.	14.6	86
124	University-1652: A Multi-view Multi-source Benchmark for Drone-based Geo-localization. , 2020, , .		86
125	Beyond Doctors. , 2015, , .		84
126	Tag localization with spatial correlations and joint group sparsity. , 2011, , .		83



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127	Dynamic Computational Time for Visual Attention. , 2017, , .		83
128	Thorax disease classification with attention guided convolutional neural network. Pattern Recognition Letters, 2020, 131, 38-45.	4.2	82
129	Macro-Micro Adversarial Network for Human Parsing. Lecture Notes in Computer Science, 2018, , 424-440.	1.3	82
130	VehicleNet: Learning Robust Visual Representation for Vehicle Re-Identification. IEEE Transactions on Multimedia, 2021, 23, 2683-2693.	7.2	80
131	You Lead, We Exceed: Labor-Free Video Concept Learning by Jointly Exploiting Web Videos and Images. , 2016, , .		78
132	Holistic LSTM for Pedestrian Trajectory Prediction. IEEE Transactions on Image Processing, 2021, 30, 3229-3239.	9.8	78
133	Point 4D Transformer Networks for Spatio-Temporal Modeling in Point Cloud Videos. , 2021, , .		77
134	Robust Hashing With Local Models for Approximate Similarity Search. IEEE Transactions on Cybernetics, 2014, 44, 1225-1236.	9.5	74
135	Knowledge Adaptation with Partially Shared Features for Event Detection Using Few Exemplars. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 1789-1802.	13.9	73
136	Layered object detection for multi-class segmentation. , 2010, , .		70
137	Unsupervised Person Re-identification via Cross-Camera Similarity Exploration. IEEE Transactions on Image Processing, 2020, 29, 5481-5490.	9.8	70
138	Each Part Matters: Local Patterns Facilitate Cross-View Geo-Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 867-879.	8.3	66
139	The Many Shades of Negativity. IEEE Transactions on Multimedia, 2017, 19, 1558-1568.	7.2	64
140	Harnessing Lab Knowledge for Real-World Action Recognition. International Journal of Computer Vision, 2014, 109, 60-73.	15.6	63
141	Convex Sparse PCA for Unsupervised Feature Learning. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-16.	3.5	63
142	Very Long Natural Scenery Image Prediction by Outpainting. , 2019, , .		63
143	Semantic Correspondence as an Optimal Transport Problem. , 2020, , .		60
144	Learning Part-based Convolutional Features for Person Re-Identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 902-917.	13.9	60

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145	Deep Adversarial Attention Alignment for Unsupervised Domain Adaptation: The Benefit of Target Expectation Maximization. Lecture Notes in Computer Science, 2018, , 420-436.	1.3	59
146	Knowledge adaptation for ad hoc multimedia event detection with few exemplars. , 2012, , .		58
147	Semi-Supervised Multiple Feature Analysis for Action Recognition. IEEE Transactions on Multimedia, 2014, 16, 289-298.	7.2	58
148	Observation of a giant two-dimensional band-piezoelectric effect on biaxial-strained graphene. NPG Asia Materials, 2015, 7, e154-e154.	7.9	58
149	RCAA: Relational Context-Aware Agents for Person Search. Lecture Notes in Computer Science, 2018, , 86-102.	1.3	58
150	Unsupervised Scene Adaptation with Memory Regularization in vivo. , 2020, , .		58
151	Graphene-Based Multifunctional Textile for Sensing and Actuating. ACS Nano, 2021, 15, 17738-17747.	14.6	57
152	Discriminative Nonnegative Spectral Clustering with Out-of-Sample Extension. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 1760-1771.	5.7	56
153	SF-Net: Single-Frame Supervision for Temporal Action Localization. Lecture Notes in Computer Science, 2020, , 420-437.	1.3	56
154	Flexible CNT-array double helices Strain Sensor with high stretchability for Motion Capture. Scientific Reports, 2015, 5, 15554.	3.3	55
155	Data-Driven Answer Selection in Community QA Systems. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1186-1198.	5.7	55
156	In Situ Tuning of Switching Window in a Gateâ€Controlled Bilayer Grapheneâ€Electrode Resistive Memory Device. Advanced Materials, 2015, 27, 7767-7774.	21.0	54
157	Memory Aggregation Networks for Efficient Interactive Video Object Segmentation. , 2020, , .		54
158	Content-Consistent Matching for Domain Adaptive Semantic Segmentation. Lecture Notes in Computer Science, 2020, , 440-456.	1.3	54
159	Watching a Small Portion could be as Good as Watching All: Towards Efficient Video Classification. , 2018, , .		54
160	Exploiting the entire feature space with sparsity for automatic image annotation. , 2011, , .		53
161	Complex Event Detection via Multi-source Video Attributes. , 2013, , .		52
162	Bidirectional Multirate Reconstruction for Temporal Modeling in Videos. , 2017, , .		52

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163	Label Independent Memory for Semi-Supervised Few-shot Video Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 44, 1-1.	13.9	51
164	Effective transfer tagging from image to video. ACM Transactions on Multimedia Computing, Communications and Applications, 2013, 9, 1-20.	4.3	50
165	Symbiotic Attention for Egocentric Action Recognition With Object-Centric Alignment. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 6605-6617.	13.9	50
166	Inter-Image Communication for Weakly Supervised Localization. Lecture Notes in Computer Science, 2020, , 271-287.	1.3	50
167	Controllable Thermal Rectification Realized in Binary Phase Change Composites. Scientific Reports, 2015, 5, 8884.	3.3	49
168	Temporal Cross-Layer Correlation Mining for Action Recognition. IEEE Transactions on Multimedia, 2022, 24, 668-676.	7.2	49
169	Removing Raindrops and Rain Streaks in One Go. , 2021, , .		49
170	Depth-Based Hand Pose Estimation: Methods, Data, and Challenges. International Journal of Computer Vision, 2018, 126, 1180-1198.	15.6	48
171	Domain Consensus Clustering for Universal Domain Adaptation. , 2021, , .		48
172	Two-Stream Multirate Recurrent Neural Network for Video-Based Pedestrian Reidentification. IEEE Transactions on Industrial Informatics, 2018, 14, 3179-3186.	11.3	47
173	Twitter100k: A Real-World Dataset for Weakly Supervised Cross-Media Retrieval. IEEE Transactions on Multimedia, 2018, 20, 927-938.	7.2	47
174	Inflated Episodic Memory With Region Self-Attention for Long-Tailed Visual Recognition. , 2020, , .		46
175	Vector-Decomposed Disentanglement for Domain-Invariant Object Detection. , 2021, , .		46
176	Recognizing an Action Using Its Name: A Knowledge-Based Approach. International Journal of Computer Vision, 2016, 120, 61-77.	15.6	45
177	Light-Enhanced Ion Migration in Two-Dimensional Perovskite Single Crystals Revealed in Carbon Nanotubes/Two-Dimensional Perovskite Heterostructure and Its Photomemory Application. ACS Central Science, 2019, 5, 1857-1865.	11.3	45
178	Category-Level Adversarial Adaptation for Semantic Segmentation using Purified Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	45
179	Identifying Visible Parts via Pose Estimation for Occluded Person Re-Identification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4624-4634.	11.3	45
180	Parsing Occluded People. , 2014, , .		44

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181	Teacher Supervises Students How to Learn From Partially Labeled Images for Facial Landmark Detection. , 2019, , .		44
182	Long-Term Depression Mimicked in an IGZO-Based Synaptic Transistor. IEEE Electron Device Letters, 2017, 38, 191-194.	3.9	43
183	A Ferroelectric Thin Film Transistor Based on Annealing-Free HfZrO Film. IEEE Journal of the Electron Devices Society, 2017, 5, 378-383.	2.1	43
184	Substrate-Free Multilayer Graphene Electronic Skin for Intelligent Diagnosis. ACS Applied Materials & Interfaces, 2020, 12, 49945-49956.	8.0	43
185	Collaborative Video Object Segmentation by Multi-Scale Foreground-Background Integration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	43
186	Decoupled Novel Object Captioner. , 2018, , .		43
187	Symbiotic Attention with Privileged Information for Egocentric Action Recognition. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12249-12256.	4.9	43
188	Feature Weighting via Optimal Thresholding for Video Analysis. , 2013, , .		42
189	Intelligent and Multifunctional Graphene Nanomesh Electronic Skin with High Comfort. Small, 2022, 18, e2104810.	10.0	42
190	Image Attribute Adaptation. IEEE Transactions on Multimedia, 2014, 16, 1115-1126.	7.2	41
191	Contrastive Adaptation Network for Single- and Multi-Source Domain Adaptation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1793-1804.	13.9	40
192	Local image tagging via graph regularized joint group sparsity. Pattern Recognition, 2013, 46, 1358-1368.	8.1	39
193	Fast and Accurate Content-based Semantic Search in 100M Internet Videos. , 2015, , .		39
194	Learning to Anticipate Egocentric Actions by Imagination. IEEE Transactions on Image Processing, 2021, 30, 1143-1152.	9.8	39
195	Harry Potter's Marauder's Map: Localizing and Tracking Multiple Persons-of-Interest by Nonnegative Discretization. , 2013, , .		38
196	Classification by semi-supervised discriminative regularization. Neurocomputing, 2010, 73, 1641-1651.	5.9	37
197	Discriminative Orthogonal Nonnegative matrix factorization with flexibility for data representation. Expert Systems With Applications, 2014, 41, 1283-1293.	7.6	37
198	Compact and Discriminative Descriptor Inference Using Multi-Cues. IEEE Transactions on Image Processing, 2015, 24, 5114-5126.	9.8	37

#	ARTICLE	IF	CITATIONS
199	Exploring Heterogeneous Clues for Weakly-Supervised Audio-Visual Video Parsing. , 2021, , .		37
200	Complex Event Detection by Identifying Reliable Shots from Untrimmed Videos. , 2017, , .		36
201	High-Quality Single Crystal Perovskite for Highly Sensitive X-Ray Detector. IEEE Electron Device Letters, 2020, 41, 256-259.	3.9	36
202	Recurrent Attention Network with Reinforced Generator for Visual Dialog. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-16.	4.3	36
203	Few-Shot Object Recognition from Machine-Labeled Web Images. , 2017, , .		35
204	Exploiting Combination Effect for Unsupervised Feature Selection by $\ell_{2,0}$ Norm. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 201-214.	11.3	35
205	Adaptive Structure Discovery for Multimedia Analysis Using Multiple Features. IEEE Transactions on Cybernetics, 2019, 49, 1826-1834.	9.5	35
206	Instance-Invariant Domain Adaptive Object Detection via Progressive Disentanglement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	35
207	Viral Video Style. , 2014, , .		34
208	Personalized Video Recommendation Using Rich Contents from Videos. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 492-505.	5.7	34
209	Searching Persuasively. , 2015, , .		34
210	Cross-media retrieval using query dependent search methods. Pattern Recognition, 2010, 43, 2927-2936.	8.1	33
211	Attract or Distract: Exploit the Margin of Open Set. , 2019, , .		33
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