

# Yi Yang

## List of Publications by Year in descending order

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486  
papers

39,818  
citations

7087

78  
h-index

9854

141  
g-index

494  
all docs

494  
docs citations

494  
times ranked

19525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Symbiotic Attention for Egocentric Action Recognition With Object-Centric Alignment. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 6605-6617.	9.7	50
2	Switchable Novel Object Captioner. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 1162-1173.	9.7	18
3	Filter Pruning by Switching to Neighboring CNNs With Good Attributes. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8044-8056.	7.2	11
4	Tasks Integrated Networks: Joint Detection and Retrieval for Image Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 456-473.	9.7	23
5	Contrastive Adaptation Network for Single- and Multi-Source Domain Adaptation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1793-1804.	9.7	40
6	Saying the Unseen: Video Descriptions via Dialog Agents. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7190-7204.	9.7	2
7	Each Part Matters: Local Patterns Facilitate Cross-View Geo-Localization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 867-879.	5.6	66
8	Point Adversarial Self-Mining: A Simple Method for Facial Expression Recognition. IEEE Transactions on Cybernetics, 2022, 52, 12649-12660.	6.2	16
9	Learning With Noisy Labels via Self-Reweighting From Class Centroids. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6275-6285.	7.2	8
10	Zero-Shot Video Event Detection With High-Order Semantic Concept Discovery and Matching. IEEE Transactions on Multimedia, 2022, 24, 1896-1908.	5.2	7
11	Temporal Cross-Layer Correlation Mining for Action Recognition. IEEE Transactions on Multimedia, 2022, 24, 668-676.	5.2	49
12	IDBP: Image Dehazing Using Blended Priors Including Non-Local, Local, and Global Priors. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4867-4871.	5.6	11
13	Unsupervised Visual Representation Learning via Dual-Level Progressive Similar Instance Selection. IEEE Transactions on Cybernetics, 2022, 52, 8851-8861.	6.2	8
14	Understanding Atomic Hand-Object Interaction With Human Intention. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 275-285.	5.6	14
15	Recent progress of continuous intraocular pressure monitoring. Nano Select, 2022, 3, 1-19.	1.9	4
16	Self-Correction for Human Parsing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 3260-3271.	9.7	91
17	Rich Embedding Features for One-Shot Semantic Segmentation. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6484-6493.	7.2	12
18	Infrared Action Detection in the Dark via Cross-Stream Attention Mechanism. IEEE Transactions on Multimedia, 2022, 24, 288-300.	5.2	12

#	ARTICLE	IF	CITATIONS
19	Identifying Visible Parts via Pose Estimation for Occluded Person Re-Identification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4624-4634.	7.2	45
20	Partial Alignment for Object Detection in the Wild. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 5238-5251.	5.6	11
21	Soft Person Reidentification Network Pruning via Blockwise Adjacent Filter Decaying. IEEE Transactions on Cybernetics, 2022, 52, 13293-13307.	6.2	18
22	Deep Hierarchical Representation of Point Cloud Videos via Spatio-Temporal Decomposition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 9918-9930.	9.7	14
23	An intelligent nanomesh-reinforced graphene pressure sensor with an ultra large linear range. Journal of Materials Chemistry A, 2022, 10, 4858-4869.	5.2	14
24	Boosting RGB-D Saliency Detection by Leveraging Unlabeled RGB Images. IEEE Transactions on Image Processing, 2022, 31, 1107-1119.	6.0	13
25	Impact of Molybdenum Oxide Electrode on the Ferroelectricity of Doped-Hafnia Oxide Capacitors. IEEE Transactions on Electron Devices, 2022, 69, 1492-1496.	1.6	8
26	NAP: Neural architecture search with pruning. Neurocomputing, 2022, 477, 85-95.	3.5	14
27	Intelligent and highly sensitive strain sensor based on indium tin oxide micromesh with a high crack density. Nanoscale, 2022, 14, 4234-4243.	2.8	6
28	Intelligent and Multifunctional Graphene Nanomesh Electronic Skin with High Comfort. Small, 2022, 18, e2104810.	5.2	42
29	Weakly Supervised Moment Localization with Decoupled Consistent Concept Prediction. International Journal of Computer Vision, 2022, 130, 1244-1258.	10.9	1
30	Skin-Mimicking, Stretchable Photodetector for Skin-Customized Ultraviolet Dosimetry. Advanced Materials Technologies, 2022, 7, .	3.0	6
31	Ultra-Low Voltage Schmitt Triggers Implemented by HfO <sub>2</sub> -Based Ferroelectric Field-Effect Transistors. IEEE Electron Device Letters, 2022, 43, 1145-1148.	2.2	1
32	Electrospun Nanofibers for Integrated Sensing, Storage, and Computing Applications. Applied Sciences (Switzerland), 2022, 12, 4370.	1.3	6
33	Joint Representation Learning and Keypoint Detection for Cross-View Geo-Localization. IEEE Transactions on Image Processing, 2022, 31, 3780-3792.	6.0	26
34	Wafer-Scale Photolithography-Pixeled Pb-Free Perovskite X-ray Detectors. ACS Nano, 2022, 16, 10199-10208.	7.3	25
35	Video Pivoting Unsupervised Multi-Modal Machine Translation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-15.	9.7	21
36	Cs <sub>2</sub> AgBiBr <sub>6</sub> -Tellurium heterojunction-based high-performance X-ray detectors. , 2022, , .		1

#	ARTICLE	IF	CITATIONS
37	A Low-cost, Low-power, and Practical Nano-heterojunction Pollution Gas Sensor Based on Accurate Dielectrophoresis Technology. , 2022, , .		0
38	The $\text{In}_2\text{Se}_3$ THz Photodetector. IEEE Transactions on Electron Devices, 2022, 69, 4371-4376.	1.6	1
39	CenterCLIP. , 2022, , .		27
40	Supervision by Registration and Triangulation for Landmark Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3681-3694.	9.7	19
41	Hierarchical Temporal Modeling With Mutual Distance Matching for Video Based Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 503-511.	5.6	24
42	An integrated classification model for incremental learning. Multimedia Tools and Applications, 2021, 80, 17275-17290.	2.6	4
43	Hierarchical Memory Decoder for Visual Narrating. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2438-2449.	5.6	9
44	Learning Part-based Convolutional Features for Person Re-Identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 902-917.	9.7	60
45	Progressive Transfer Learning for Face Anti-Spoofing. IEEE Transactions on Image Processing, 2021, 30, 3946-3955.	6.0	33
46	Holistic LSTM for Pedestrian Trajectory Prediction. IEEE Transactions on Image Processing, 2021, 30, 3229-3239.	6.0	78
47	Learning to Anticipate Egocentric Actions by Imagination. IEEE Transactions on Image Processing, 2021, 30, 1143-1152.	6.0	39
48	Instance-Invariant Domain Adaptive Object Detection via Progressive Disentanglement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	35
49	VehicleNet: Learning Robust Visual Representation for Vehicle Re-Identification. IEEE Transactions on Multimedia, 2021, 23, 2683-2693.	5.2	80
50	Auto-Navigator: Decoupled Neural Architecture Search for Visual Navigation. , 2021, , .		5
51	Semantics-Aware Spatial-Temporal Binaries for Cross-Modal Video Retrieval. IEEE Transactions on Image Processing, 2021, 30, 2989-3004.	6.0	29
52	IDE: Image Dehazing and Exposure Using an Enhanced Atmospheric Scattering Model. IEEE Transactions on Image Processing, 2021, 30, 2180-2192.	6.0	101
53	Training Robust Object Detectors From Noisy Category Labels and Imprecise Bounding Boxes. IEEE Transactions on Image Processing, 2021, 30, 5782-5792.	6.0	19
54	Rectifying Pseudo Label Learning via Uncertainty Estimation for Domain Adaptive Semantic Segmentation. International Journal of Computer Vision, 2021, 129, 1106-1120.	10.9	253

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55	DerainCycleGAN: Rain Attentive CycleGAN for Single Image Deraining and Rainmaking. IEEE Transactions on Image Processing, 2021, 30, 4788-4801.	6.0	100
56	Few-Shot Common-Object Reasoning Using Common-Centric Localization Network. IEEE Transactions on Image Processing, 2021, 30, 4253-4262.	6.0	14
57	Enhancing the Ultraviolet Photocurrent and Response Speed of Zinc Oxide Nanoflowers using Surface Plasmons of Gold Nanoparticles and a Graphene Membrane. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000512.	1.2	4
58	High-performance single crystal CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> perovskite x-ray detector. Applied Physics Letters, 2021, 118, .	1.5	28
59	ART-UP: A Novel Method for Generating Scanning-Robust Aesthetic QR Codes. ACM Transactions on Multimedia Computing, Communications and Applications, 2021, 17, 1-23.	3.0	9
60	Flexible and Transparent Ultraviolet Photodetector Enabled by Metal Doping ZnO Nanorods Based on Mica Substrate. , 2021, , .		0
61	Visual commonsense reasoning with directional visual connections. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 625-637.	1.5	7
62	A Survey on Concept Factorization: From Shallow to Deep Representation Learning. Information Processing and Management, 2021, 58, 102534.	5.4	24
63	Gate-Tunable Negative Differential Resistance Behaviors in a hBN-Encapsulated BP-MoS <sub>2</sub> Heterojunction. ACS Applied Materials & Interfaces, 2021, 13, 26161-26169.	4.0	21
64	Learning Audio-Visual Correlations From Variational Cross-Modal Generation. , 2021, , .		11
65	Robust Vehicle Re-identification via Rigid Structure Prior. , 2021, , .		11
66	Connecting Language and Vision for Natural Language-Based Vehicle Retrieval. , 2021, , .		18
67	Sketch-Guided Scenery Image Outpainting. IEEE Transactions on Image Processing, 2021, 30, 2643-2655.	6.0	15
68	Collaborative Video Object Segmentation by Multi-Scale Foreground-Background Integration. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	43
69	Category-Level Adversarial Adaptation for Semantic Segmentation using Purified Features. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	45
70	Pyramidal Multiple Instance Detection Network With Mask Guided Self-Correction for Weakly Supervised Object Detection. IEEE Transactions on Image Processing, 2021, 30, 3029-3040.	6.0	25
71	Discriminative Feature Learning for Thorax Disease Classification in Chest X-ray Images. IEEE Transactions on Image Processing, 2021, 30, 2476-2487.	6.0	27
72	GCM-Net: Towards Effective Global Context Modeling for Image Inpainting. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
73	A 10Ånm Short Channel MoS <sub>2</sub> Transistor without the Resolution Requirement of Photolithography. <i>Advanced Electronic Materials</i> , 2021, 7, 2100543.	2.6	9
74	Latent Memory-augmented Graph Transformer for Visual Storytelling. , 2021, , .		9
75	Assorted Attention Network for Cross-Lingual Language-to-Vision Retrieval. , 2021, , .		8
76	Graphene-Based Multifunctional Textile for Sensing and Actuating. <i>ACS Nano</i> , 2021, 15, 17738-17747.	7.3	57
77	Hippocampal Neuronsâ€™ Alignment on Quartz Grooves and Parylene Cues on Quartz Substrate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 275.	1.3	5
78	DOTS: Decoupling Operation and Topology in Differentiable Architecture Search. , 2021, , .		14
79	T2VLAD: Global-Local Sequence Alignment for Text-Video Retrieval. , 2021, , .		91
80	Removing Raindrops and Rain Streaks in One Go. , 2021, , .		49
81	Exploring Heterogeneous Clues for Weakly-Supervised Audio-Visual Video Parsing. , 2021, , .		37
82	Domain Consensus Clustering for Universal Domain Adaptation. , 2021, , .		48
83	Faster Meta Update Strategy for Noise-Robust Deep Learning. , 2021, , .		20
84	Point 4D Transformer Networks for Spatio-Temporal Modeling in Point Cloud Videos. , 2021, , .		77
85	Large Coercive Field in Hf0.5Zr0.5O2-based Capacitors with Gd Top Electrode. , 2021, , .		0
86	Programmable Sensitivity Screening of Strain Sensors by Local Electrical and Mechanical Properties Coupling. <i>ACS Nano</i> , 2021, 15, 20590-20599.	7.3	13
87	Multiple knowledge representation for big data artificial intelligence: framework, applications, and case studies. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021, 22, 1551-1558.	1.5	183
88	Weakly Supervised Person Search with Region Siamese Networks. , 2021, , .		12
89	A Multi-Mode Modulator for Multi-Domain Few-Shot Classification. , 2021, , .		12
90	AINet: Association Implantation for Superpixel Segmentation. , 2021, , .		17

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91	Super-Resolving Cross-Domain Face Miniatures by Peeking at One-Shot Exemplar. , 2021, , .		3
92	RFNet: Region-aware Fusion Network for Incomplete Multi-modal Brain Tumor Segmentation. , 2021, , .		32
93	Interactive Prototype Learning for Egocentric Action Recognition. , 2021, , .		26
94	Sub-bit Neural Networks: Learning to Compress and Accelerate Binary Neural Networks. , 2021, , .		11
95	Vector-Decomposed Disentanglement for Domain-Invariant Object Detection. , 2021, , .		46
96	Adaptive Hierarchical Graph Reasoning with Semantic Coherence for Video-and-Language Inference. , 2021, , .		14
97	Triplet Deep Subspace Clustering via Self-Supervised Data Augmentation. , 2021, , .		1
98	Dictionary Pair-based Data-Free Fast Deep Neural Network Compression. , 2021, , .		3
99	Fast and Low Memory Cost Matrix Factorization: Algorithm, Analysis, and Case Study. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 288-301.	4.0	3
100	Personalized Video Recommendation Using Rich Contents from Videos. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 492-505.	4.0	34
101	Learning Distilled Graph for Large-Scale Social Network Data Clustering. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1393-1404.	4.0	4
102	Bayesian query expansion for multi-camera person re-identification. Pattern Recognition Letters, 2020, 130, 284-292.	2.6	6
103	Graphene-Based Devices for Thermal Energy Conversion and Utilization. Advanced Functional Materials, 2020, 30, 1903888.	7.8	30
104	Deep Top-\$k\$ Ranking for Image-Sentence Matching. IEEE Transactions on Multimedia, 2020, 22, 775-785.	5.2	27
105	Person Reidentification via Multi-Feature Fusion With Adaptive Graph Learning. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1592-1601.	7.2	107
106	Asymptotic Soft Filter Pruning for Deep Convolutional Neural Networks. IEEE Transactions on Cybernetics, 2020, 50, 3594-3604.	6.2	111
107	High-Quality Single Crystal Perovskite for Highly Sensitive X-Ray Detector. IEEE Electron Device Letters, 2020, 41, 256-259.	2.2	36
108	Thorax disease classification with attention guided convolutional neural network. Pattern Recognition Letters, 2020, 131, 38-45.	2.6	82

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109	Fabricating Molybdenum Disulfide Memristors. ACS Applied Electronic Materials, 2020, 2, 346-370.	2.0	27
110	Convolutional Reconstruction-to-Sequence for Video Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4299-4308.	5.6	26
111	Substrate-Free Multilayer Graphene Electronic Skin for Intelligent Diagnosis. ACS Applied Materials & Interfaces, 2020, 12, 49945-49956.	4.0	43
112	Random Erasing Data Augmentation. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13001-13008.	3.6	1,241
113	Going Beyond Real Data: A Robust Visual Representation for Vehicle Re-identification. , 2020, , .		29
114	Dynamic Inference: A New Approach Toward Efficient Video Action Recognition. , 2020, , .		22
115	EEMEFN: Low-Light Image Enhancement via Edge-Enhanced Multi-Exposure Fusion Network. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13106-13113.	3.6	102
116	Inflated Episodic Memory With Region Self-Attention for Long-Tailed Visual Recognition. , 2020, , .		46
117	Semantic Correspondence as an Optimal Transport Problem. , 2020, , .		60
118	Learning Filter Pruning Criteria for Deep Convolutional Neural Networks Acceleration. , 2020, , .		128
119	Saliency-Guided Cascaded Suppression Network for Person Re-Identification. , 2020, , .		142
120	Anomalous thermoacoustic effect in topological insulator for sound applications. Applied Physics Letters, 2020, 117, 123502.	1.5	2
121	Person Tube Retrieval via Language Description. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 10754-10761.	3.6	19
122	Gated Channel Transformation for Visual Recognition. , 2020, , .		136
123	Imitative Non-Autoregressive Modeling for Trajectory Forecasting and Imputation. , 2020, , .		19
124	ActBERT: Learning Global-Local Video-Text Representations. , 2020, , .		203
125	Memory Aggregation Networks for Efficient Interactive Video Object Segmentation. , 2020, , .		54
126	Label Independent Memory for Semi-Supervised Few-shot Video Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 44, 1-1.	9.7	51



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127	Every node counts: Self-ensembling graph convolutional networks for semi-supervised learning. Pattern Recognition, 2020, 106, 107451.	5.1	23
128	Unsupervised Person Re-identification via Cross-Camera Similarity Exploration. IEEE Transactions on Image Processing, 2020, 29, 5481-5490.	6.0	70
129	Fabrication and Characterization of Ferroelectric HfZrO-based Synaptic Transistors with Multi-state Plasticity. , 2020, , .		6
130	SG-One: Similarity Guidance Network for One-Shot Semantic Segmentation. IEEE Transactions on Cybernetics, 2020, 50, 3855-3865.	6.2	226
131	High Performance and Wireless Graphene Earphone towards Practical Applications. , 2020, , .		1
132	Graphene muscle with artificial intelligence. , 2020, , .		1
133	Graphene-Based Thermoacoustic Sound Source. ACS Nano, 2020, 14, 3779-3804.	7.3	33
134	Context Modulated Dynamic Networks for Actor and Action Video Segmentation with Language Queries. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12152-12159.	3.6	25
135	A Spectrum-Tunable and Flexible Light-Emitting Device with Ultra-Wide Wavelength Range. , 2020, , .		0
136	Learning to Adapt Invariance in Memory for Person Re-identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 43, 1-1.	9.7	96
137	Thermal Energy Conversion: Graphene-Based Devices for Thermal Energy Conversion and Utilization (Adv. Funct. Mater. 8/2020). Advanced Functional Materials, 2020, 30, 2070052.	7.8	0
138	Cascaded Revision Network for Novel Object Captioning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3413-3421.	5.6	23
139	Revisiting EmbodiedQA: A Simple Baseline and Beyond. IEEE Transactions on Image Processing, 2020, 29, 3984-3992.	6.0	20
140	Ultrafast Photodetector by Integrating Perovskite Directly on Silicon Wafer. ACS Nano, 2020, 14, 2860-2868.	7.3	86
141	Wearable Electronics: Wearable Electronics Based on 2D Materials for Human Physiological Information Detection (Small 15/2020). Small, 2020, 16, 2070083.	5.2	4
142	SF-Net: Single-Frame Supervision for Temporal Action Localization. Lecture Notes in Computer Science, 2020, , 420-437.	1.0	56
143	Collaborative Video Object Segmentation by Foreground-Background Integration. Lecture Notes in Computer Science, 2020, , 332-348.	1.0	100
144	Content-Consistent Matching for Domain Adaptive Semantic Segmentation. Lecture Notes in Computer Science, 2020, , 440-456.	1.0	54

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145	Adaptive Exploration for Unsupervised Person Re-identification. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-19.	3.0	101
146	Dual-path Convolutional Image-Text Embeddings with Instance Loss. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-23.	3.0	236
147	Recurrent Attention Network with Reinforced Generator for Visual Dialog. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-16.	3.0	36
148	Meta Parsing Networks: Towards Generalized Few-shot Scene Parsing with Adaptive Metric Learning. , 2020, , .		12
149	Symbiotic Attention with Privileged Information for Egocentric Action Recognition. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 12249-12256.	3.6	43
150	FASTER Recurrent Networks for Efficient Video Classification. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13098-13105.	3.6	32
151	Unsupervised Scene Adaptation with Memory Regularization in vivo. , 2020, , .		58
152	Inter-Image Communication for Weakly Supervised Localization. Lecture Notes in Computer Science, 2020, , 271-287.	1.0	50
153	Adversarial Localized Energy Network for Structured Prediction. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 5347-5354.	3.6	3
154	Motion-Excited Sampler: Video Adversarial Attack with Sparked Prior. Lecture Notes in Computer Science, 2020, , 240-256.	1.0	13
155	Describing Unseen Videos via Multi-modal Cooperative Dialog Agents. Lecture Notes in Computer Science, 2020, , 153-169.	1.0	3
156	Learning to Transfer Learn: Reinforcement Learning-Based Selection for Adaptive Transfer Learning. Lecture Notes in Computer Science, 2020, , 342-358.	1.0	5
157	Pair-based Uncertainty and Diversity Promoting Early Active Learning for Person Re-identification. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-15.	2.9	19
158	University-1652: A Multi-view Multi-source Benchmark for Drone-based Geo-localization. , 2020, , .		86
159	Few-Shot Ensemble Learning for Video Classification with SlowFast Memory Networks. , 2020, , .		13
160	Exploiting Combination Effect for Unsupervised Feature Selection by $\ell_{2,0}$ ; Norm. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 201-214.	7.2	35
161	Feedback Convolutional Neural Network for Visual Localization and Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1627-1640.	9.7	27
162	Few-Example Object Detection with Model Communication. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1641-1654.	9.7	104

#	ARTICLE	IF	CITATIONS
163	Miniaturized and High Precision Monitoring System for Natural Waters Using a Microflow Analyzer. , 2019, , .		0
164	Graphene-based Wearable Sensors for Physiological Signal Monitoring. , 2019, , .		0
165	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.	5.3	45
166	Graphene-based wearable sensors. Nanoscale, 2019, 11, 18923-18945.	2.8	98
167	Truncated Gradient Confidence-Weighted Based Online Learning for Imbalance Streaming Data. , 2019, , .		2
168	Graphene based Wearable Sensors for Healthcare. , 2019, , .		4
169	Learning Latent Stable Patterns for Image Understanding With Weak and Noisy Labels. IEEE Transactions on Cybernetics, 2019, 49, 4243-4252.	6.2	8
170	3D Pose Estimation for Fine-Grained Object Categories. Lecture Notes in Computer Science, 2019, , 619-632.	1.0	8
171	Two-Mode MoS <sub>2</sub> Filament Transistor with Extremely Low Subthreshold Swing and Record High On/Off Ratio. ACS Nano, 2019, 13, 2205-2212.	7.3	22
172	Improving person re-identification by attribute and identity learning. Pattern Recognition, 2019, 95, 151-161.	5.1	460
173	Laser-reconfigured MoS <sub>2</sub> /ZnO van der Waals synapse. Nanoscale, 2019, 11, 11114-11120.	2.8	13
174	Pose-Invariant Embedding for Deep Person Re-Identification. IEEE Transactions on Image Processing, 2019, 28, 4500-4509.	6.0	326
175	Negative Capacitance Oxide Thin-Film Transistor With Sub-60 mV/Decade Subthreshold Swing. IEEE Electron Device Letters, 2019, 40, 826-829.	2.2	26
176	Modality-Invariant Image-Text Embedding for Image-Sentence Matching. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-19.	3.0	25
177	Development of a portable setup using a miniaturized and high precision colorimeter for the estimation of phosphate in natural water. Analytica Chimica Acta, 2019, 1058, 70-79.	2.6	13
178	Searching for a Robust Neural Architecture in Four GPU Hours. , 2019, , .		311
179	Auto-ReID: Searching for a Part-Aware ConvNet for Person Re-Identification. , 2019, , .		160
180	Very Long Natural Scenery Image Prediction by Outpainting. , 2019, , .		63

#	ARTICLE	IF	CITATIONS
181	Pose-Guided Feature Alignment for Occluded Person Re-Identification. , 2019, , .		272
182	Invariance Matters: Exemplar Memory for Domain Adaptive Person Re-Identification. , 2019, , .		424
183	Contrastive Adaptation Network for Unsupervised Domain Adaptation. , 2019, , .		463
184	A DenseNet feature-based loop closure method for visual SLAM system. , 2019, , .		4
185	Recognizing Part Attributes With Insufficient Data. , 2019, , .		12
186	Dual Attention Matching for Audio-Visual Event Localization. , 2019, , .		100
187	Significance-Aware Information Bottleneck for Domain Adaptive Semantic Segmentation. , 2019, , .		122
188	Entangled Transformer for Image Captioning. , 2019, , .		182
189	Teacher Supervises Students How to Learn From Partially Labeled Images for Facial Landmark Detection. , 2019, , .		44
190	Attract or Distract: Exploit the Margin of Open Set. , 2019, , .		33
191	One-Shot Neural Architecture Search via Self-Evaluated Template Network. , 2019, , .		105
192	Going Deeper Into Embedding Learning for Video Object Segmentation. , 2019, , .		5
193	Dual Embedding Learning for Video Instance Segmentation. , 2019, , .		13
194	Taking a Closer Look at Domain Shift: Category-Level Adversaries for Semantics Consistent Domain Adaptation. , 2019, , .		448
195	Filter Pruning via Geometric Median for Deep Convolutional Neural Networks Acceleration. , 2019, , .		600
196	DM-GAN: Dynamic Memory Generative Adversarial Networks for Text-To-Image Synthesis. , 2019, , .		269
197	UnOS: Unified Unsupervised Optical-Flow and Stereo-Depth Estimation by Watching Videos. , 2019, , .		110
198	Joint Discriminative and Generative Learning for Person Re-Identification. , 2019, , .		491

#	ARTICLE	IF	CITATIONS
199	Sim-Real Joint Reinforcement Transfer for 3D Indoor Navigation. , 2019, , .		15
200	A Refined 3D Pose Dataset for Fine-Grained Object Categories. , 2019, , .		4
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