Dapeng Tao

List of Publications by Year in Descending Order

112 papers	2,698 citations	30 h-index	48 g-index
127 ext. papers	3,308 ext. citations	5.3 avg, IF	5.83 L-index

#	Paper	IF	Citations
112	Interference Distillation for Underwater Fish Recognition. *Lecture Notes in Computer Science*, **2022**, 62-74	0.9	1
111	Key point-aware occlusion suppression and semantic alignment for occluded person re-identification. *Information Sciences*, **2022**, 606, 669-687	7.7	1
110	Adversarial UV-Transformation Texture Estimation for 3D Face Aging. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	3
109	RiFeGAN2: Rich Feature Generation for Text-to-Image Synthesis from Constrained Prior Knowledge. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	0
108	Dynamic Graph Learning Convolutional Networks for Semi-supervised Classification. *ACM Transactions on Multimedia Computing, Communications and Applications*, **2021**, 17, 1-13	3.4	2
107	Cross adversarial consistency self-prediction learning for unsupervised domain adaptation person re-identification. *Information Sciences*, **2021**, 559, 46-60	7.7	9
106	Deep features for person re-identification on metric learning. *Pattern Recognition*, **2021**, 110, 107424	7.7	22
105	Triple Adversarial Learning and Multi-view Imaginative Reasoning for Unsupervised Domain Adaptation Person Re-identification. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	11
104	A Contour Co-Tracking Method for Image Pairs. *IEEE Transactions on Image Processing*, **2021**, 30, 5402-5413	11.7	0
103	Attribute-Aligned Domain-Invariant Feature Learning for Unsupervised Domain Adaptation Person Re-Identification. *IEEE Transactions on Information Forensics and Security*, **2021**, 16, 1480-1494	8	25
102	Equidistant distribution loss for person re-identification. *Neurocomputing*, **2021**, 455, 255-264	5.4	1
101	Output Layer Multiplication for Class Imbalance Problem in Convolutional Neural Networks. *Neural Processing Letters*, **2020**, 52, 2637-2653	2.4	
100	Hetero-Center loss for cross-modality person Re-identification. *Neurocomputing*, **2020**, 386, 97-109	5.4	35
99	Attribute-Identity Embedding and Self-Supervised Learning for Scalable Person Re-Identification. *IEEE Transactions on Circuits and Systems for Video Technology*, **2020**, 30, 3472-3485	6.4	16
98	HesGCN: Hessian graph convolutional networks for semi-supervised classification. *Information Sciences*, **2020**, 514, 484-498	7.7	30
97	. *IEEE Transactions on Multimedia*, **2020**, 22, 2977-2989	6.6	18
96	Transferring fashion to surveillance with weak labels. *Neural Computing and Applications*, **2020**, 1	4.8	

95	Image Hallucination From Attribute Pairs. *IEEE Transactions on Cybernetics*, **2020**,	10.2	1
94	Discriminative Dictionary Learning-Based Multiple Component Decomposition for Detail-Preserving Noisy Image Fusion. *IEEE Transactions on Instrumentation and Measurement*, **2020**, 69, 1082-1102	5.2	45
93	Online learning using projections onto shrinkage closed balls for adaptive brain-computer interface. *Pattern Recognition*, **2020**, 97, 107017	7.7	3
92	. *IEEE Transactions on Multimedia*, **2020**, 22, 885-896	6.6	26
91	Domain Adaptation with Few Labeled Source Samples by Graph Regularization. *Neural Processing Letters*, **2020**, 51, 23-39	2.4	0
90	Constrained Discriminative Projection Learning for Image Classification. *IEEE Transactions on Image Processing*, **2020**, 29, 186-198	8.7	11
89	Hessian-Regularized Multitask Dictionary Learning for Remote Sensing Image Recognition. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 821-825	4.1	7
88	Top distance regularized projection and dictionary learning for person re-identification. *Information Sciences*, **2019**, 502, 472-491	7.7	20
87	Ensemble p-Laplacian Regularization for Scene Image Recognition. *Cognitive Computation*, **2019**, 11, 841-854	4.4	9
86	p -Laplacian Regularization for Scene Recognition. *IEEE Transactions on Cybernetics*, **2019**, 49, 2927-2940	10.2	43
85	Domain-Weighted Majority Voting for Crowdsourcing. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 163-174	10.3	26
84	Hessian Regularized Distance Metric Learning for People Re-Identification. *Neural Processing Letters*, **2019**, 50, 2087-2100	2.4	4
83	Student Becoming the Master: Knowledge Amalgamation for Joint Scene Parsing, Depth Estimation, and More **2019**,		21
82	A Deep Multi-view Learning method for Rice Grading **2019**,		1
81	A tensor framework for geosensor data forecasting of significant societal events. *Pattern Recognition*, **2019**, 88, 27-37	7.7	7
80	A flexible vehicle surround view camera system by central-around coordinate mapping model. *Multimedia Tools and Applications*, **2019**, 78, 11983-12006	2.5	2
79	Hypergraph p -Laplacian Regularization for Remotely Sensed Image Recognition. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 1585-1595	8.1	38
78	Effective human action recognition by combining manifold regularization and pairwise constraints. *Multimedia Tools and Applications*, **2019**, 78, 13313-13329	2.5	3

77	Person re-identification by discriminant analytical least squares metric learning. *Machine Vision and Applications*, **2018**, 29, 1019-1031	2.8	2
76	Joint medical image fusion, denoising and enhancement via discriminative low-rank sparse dictionaries learning. *Pattern Recognition*, **2018**, 79, 130-146	7.7	121
75	Reinforcement online learning for emotion prediction by using physiological signals. *Pattern Recognition Letters*, **2018**, 107, 123-130	4.7	22
74	Deep Multi-View Feature Learning for Person Re-Identification. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 28, 2657-2666	6.4	49
73	Multiview dimension reduction via Hessian multiset canonical correlations. *Information Fusion*, **2018**, 41, 119-128	16.7	73
72	Skeleton embedded motion body partition for human action recognition using depth sequences. *Signal Processing*, **2018**, 143, 56-68	4.4	53
71	Action Parsing-Driven Video Summarization Based on Reinforcement Learning. *IEEE Transactions on Circuits and Systems for Video Technology*, **2018**, 1-1	6.4	27
70	Asymmetric Projection and Dictionary Learning With Listwise and Identity Consistency Constraints for Person Re-Identification. *IEEE Access*, **2018**, 6, 37977-37990	3.5	9
69	Ensemble One-Dimensional Convolution Neural Networks for Skeleton-Based Action Recognition. *IEEE Signal Processing Letters*, **2018**, 25, 1044-1048	3.2	33
68	Tensor Rank Preserving Discriminant Analysis for Facial Recognition. *IEEE Transactions on Image Processing*, **2018**, 27, 325-334	8.7	57
67	Deep-Rice: Deep Multi-sensor Image Recognition for Grading Rice* **2018**,		4
66	CAS-YNU Multi-modal Cross-view Human Action Dataset **2018**,		2
65	Clustering Multivariate Time Series Data via Multi-Nonnegative Matrix Factorization in Multi-Relational Networks. *IEEE Access*, **2018**, 6, 74747-74761	3.5	5
64	Color Transfer Pulse-Coupled Neural Networks for Underwater Robotic Visual Systems. *IEEE Access*, **2018**, 6, 32850-32860	3.5	11
63	Robust Sparse Coding for Mobile Image Labeling on the Cloud. *IEEE Transactions on Circuits and Systems for Video Technology*, **2017**, 27, 62-72	6.4	25
62	Cauchy Estimator Discriminant Learning for RGB-D Sensor-based Scene Classification. *Multimedia Tools and Applications*, **2017**, 76, 4471-4489	2.5	1
61	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2017**, 27, 1895-1908	6.4	13
60	Canonical correlation analysis networks for two-view image recognition. *Information Sciences*, **2017**, 385-386, 338-352	7.7	75

59	The spatial Laplacian and temporal energy pyramid representation for human action recognition using depth sequences. *Knowledge-Based Systems*, **2017**, 122, 64-74	7.3	38
58	An adaptive semi-supervised clustering approach via multiple density-based information. *Neurocomputing*, **2017**, 257, 193-205	5.4	10
57	Large Sparse Cone Non-negative Matrix Factorization for Image Annotation. *ACM Transactions on Intelligent Systems and Technology*, **2017**, 8, 1-21	8	13
56	Coherent Semantic-Visual Indexing for Large-Scale Image Retrieval in the Cloud. *IEEE Transactions on Image Processing*, **2017**, 26, 4128-4138	8.7	79
55	LMAE: A large margin Auto-Encoders for classification. *Signal Processing*, **2017**, 141, 137-143	4.4	22
54	Support vector machine active learning by Hessian regularization. *Journal of Visual Communication and Image Representation*, **2017**, 49, 47-56	2.7	13
53	Multiview Canonical Correlation Analysis Networks for Remote Sensing Image Recognition. *IEEE Geoscience and Remote Sensing Letters*, **2017**, 14, 1855-1859	4.1	11
52	. *IEEE Transactions on Multimedia*, **2017**, 19, 519-529	6.6	73
51	Multiview Cauchy Estimator Feature Embedding for Depth and Inertial Sensor-Based Human Action Recognition. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 617-627	7.3	35
50	Real-time action recognition by feature-level fusion of depth and inertial sensor **2017**,		3
49	Diversified shared latent structure based localization for blind persons **2017**,		4
48	Road Detection by Using a Generalized Hough Transform. *Remote Sensing*, **2017**, 9, 590	5	22
47	Manifold Ranking-Based Matrix Factorization for Saliency Detection. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1122-34	10.3	81
46	Real-time tracking-by-learning with high-order regularization fusion for big video abstraction. *Signal Processing*, **2016**, 124, 246-258	4.4	3
45	Principal Component 2-D Long Short-Term Memory for Font Recognition on Single Chinese Characters. *IEEE Transactions on Cybernetics*, **2016**, 46, 756-65	10.2	74
44	Ensemble Manifold Rank Preserving for Acceleration-Based Human Activity Recognition. *IEEE Transactions on Neural Networks and Learning Systems*, **2016**, 27, 1392-404	10.3	50
43	Multicolumn Bidirectional Long Short-Term Memory for Mobile Devices-Based Human Activity Recognition. *IEEE Internet of Things Journal*, **2016**, 3, 1124-1134	10.7	47
42	Data-driven facial animation via semi-supervised local patch alignment. *Pattern Recognition*, **2016**, 57, 1-20	7.7	11

41	HSAE: A Hessian regularized sparse auto-encoders. *Neurocomputing*, **2016**, 187, 59-65	5.4	40
40	Online tracking based on efficient transductive learning with sample matching costs. *Neurocomputing*, **2016**, 175, 166-176	5.4	7
39	Occluded Object Imaging Based on Collaborative Synthetic Aperture Photography. *Communications in Computer and Information Science*, **2016**, 3-11	0.3	
38	Deep Similarity Feature Learning for Person Re-identification. *Lecture Notes in Computer Science*, **2016**, 386-396	0.9	1
37	Feature fusion of triaxial acceleration signals and depth maps for human action recognition **2016**,		5
36	Weakly Supervised Hand Pose Recovery with Domain Adaptation by Low-Rank Alignment **2016**,		1
35	Recent developments on deep big vision. *Neurocomputing*, **2016**, 187, 1-3	5.4	11
34	Hessian regularization by patch alignment framework. *Neurocomputing*, **2016**, 204, 183-188	5.4	1
33	Person Re-Identification by Dual-Regularized KISS Metric Learning. *IEEE Transactions on Image Processing*, **2016**, 25, 2726-2738	8.7	104
32	Deep Neural Networks with Relativity Learning for facial expression recognition **2016**,		2
31	Upper limb motion tracking with the integration of IMU and Kinect. *Neurocomputing*, **2015**, 159, 207-218	5.4	59
30	Local structure preserving discriminative projections for RGB-D sensor-based scene classification. *Information Sciences*, **2015**, 320, 383-394	7.7	21
29	Human pose recovery by supervised spectral embedding. *Neurocomputing*, **2015**, 166, 301-308	5.4	20
28	Anti-counterfeiting digital watermarking algorithm for printed QR barcode. *Neurocomputing*, **2015**, 167, 625-635	5.4	28
27	Multi-view ensemble manifold regularization for 3D object recognition. *Information Sciences*, **2015**, 320, 395-405	7.7	62
26	DLANet: A manifold-learning-based discriminative feature learning network for scene classification. *Neurocomputing*, **2015**, 157, 11-21	5.4	24
25	Chart classification by combining deep convolutional networks and deep belief networks **2015**,		3
24	Person reidentification by minimum classification error-based KISS metric learning. *IEEE Transactions on Cybernetics*, **2015**, 45, 242-52	10.2	65

23	A general framework for co-training and its applications. *Neurocomputing*, **2015**, 167, 112-121	5.4	7
22	**2015**,		4
21	Multiview Hessian regularized logistic regression for action recognition. *Signal Processing*, **2015**, 110, 101-107	4.4	60
20	Hessian Regularized Sparse Coding for Human Action Recognition. *Lecture Notes in Computer Science*, **2015**, 502-511	0.9	8
19	Motionlet LLC coding for discriminative human pose estimation. *Multimedia Tools and Applications*, **2014**, 73, 327-344	2.5	5
18	Single-layer Unsupervised Feature Learning with l2 regularized sparse filtering **2014**,		2
17	Genetic algorithm for spanning tree construction in P2P distributed interactive applications. *Neurocomputing*, **2014**, 140, 185-192	5.4	11
16	Sparse frontal face image synthesis from an arbitrary profile image. *Neurocomputing*, **2014**, 128, 466-475	5.4	6
15	Sparse Discriminative Information Preservation for Chinese character font categorization. *Neurocomputing*, **2014**, 129, 159-167	5.4	11
14	Similar handwritten Chinese character recognition by kernel discriminative locality alignment. *Pattern Recognition Letters*, **2014**, 35, 186-194	4.7	12
13	Co-regularization for classification **2014**,		1
12	Grassmann multimodal implicit feature selection. *Multimedia Systems*, **2014**, 20, 659-674	2.2	4
11	Rank Preserving Discriminant Analysis for Human Behavior Recognition on Wireless Sensor Networks. *IEEE Transactions on Industrial Informatics*, **2014**, 10, 813-823	11.9	63
10	. *IEEE Transactions on Multimedia*, **2013**, 15, 833-844	6.6	96
9	Person Re-Identification by Regularized Smoothing KISS Metric Learning. *IEEE Transactions on Circuits and Systems for Video Technology*, **2013**, 23, 1675-1685	6.4	132
8	Skeleton correspondence construction and its applications in animation style reusing. *Neurocomputing*, **2013**, 120, 461-468	5.4	1
7	Rank preserving sparse learning for Kinect based scene classification. *IEEE Transactions on Cybernetics*, **2013**, 43, 1406-17	10.2	112
6	High-level attributes modeling for indoor scenes classification. *Neurocomputing*, **2013**, 121, 337-343	5.4	9

5	Color-to-gray based on chance of happening preservation. *Neurocomputing*, **2013**, 119, 222-231	5.4	24
4	Automatic local exposure correction using bright channel prior for under-exposed images. *Signal Processing*, **2013**, 93, 3227-3238	4.4	26
3	Discriminative information preservation for face recognition. *Neurocomputing*, **2012**, 91, 11-20	5.4	22
2	A Comparative Study of Several Feature Extraction Methods for Person Re-identification. *Lecture Notes in Computer Science*, **2012**, 268-277	0.9	3
1	Similar Handwritten Chinese Character Recognition Using Discriminative Locality Alignment Manifold Learning **2011**,		11