

Dapeng Tao

List of Publications by Citations

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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.

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	Person Re-Identification by Regularized Smoothing KISS Metric Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 1675-1685	6.4	132
111	Joint medical image fusion, denoising and enhancement via discriminative low-rank sparse dictionaries learning. <i>Pattern Recognition</i> , 2018 , 79, 130-146	7.7	121
110	Rank preserving sparse learning for Kinect based scene classification. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1406-17	10.2	112
109	Person Re-Identification by Dual-Regularized KISS Metric Learning. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 2726-2738	8.7	104
108	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 833-844	6.6	96
107	Manifold Ranking-Based Matrix Factorization for Saliency Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1122-34	10.3	81
106	Coherent Semantic-Visual Indexing for Large-Scale Image Retrieval in the Cloud. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4128-4138	8.7	79
105	Canonical correlation analysis networks for two-view image recognition. <i>Information Sciences</i> , 2017 , 385-386, 338-352	7.7	75
104	Principal Component 2-D Long Short-Term Memory for Font Recognition on Single Chinese Characters. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 756-65	10.2	74
103	Multiview dimension reduction via Hessian multiset canonical correlations. <i>Information Fusion</i> , 2018 , 41, 119-128	16.7	73
102	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 519-529	6.6	73
101	Person reidentification by minimum classification error-based KISS metric learning. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 242-52	10.2	65
100	Rank Preserving Discriminant Analysis for Human Behavior Recognition on Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2014 , 10, 813-823	11.9	63
99	Multi-view ensemble manifold regularization for 3D object recognition. <i>Information Sciences</i> , 2015 , 320, 395-405	7.7	62
98	Multiview Hessian regularized logistic regression for action recognition. <i>Signal Processing</i> , 2015 , 110, 101-107	4.4	60
97	Upper limb motion tracking with the integration of IMU and Kinect. <i>Neurocomputing</i> , 2015 , 159, 207-218	5.4	59
96	Tensor Rank Preserving Discriminant Analysis for Facial Recognition. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 325-334	8.7	57

95	Skeleton embedded motion body partition for human action recognition using depth sequences. <i>Signal Processing</i> , 2018 , 143, 56-68	4.4	53
94	Ensemble Manifold Rank Preserving for Acceleration-Based Human Activity Recognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 1392-404	10.3	50
93	Deep Multi-View Feature Learning for Person Re-Identification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2657-2666	6.4	49
92	Multicolumn Bidirectional Long Short-Term Memory for Mobile Devices-Based Human Activity Recognition. <i>IEEE Internet of Things Journal</i> , 2016 , 3, 1124-1134	10.7	47
91	Discriminative Dictionary Learning-Based Multiple Component Decomposition for Detail-Preserving Noisy Image Fusion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020 , 69, 1082-1102	5.2	45
90	p-Laplacian Regularization for Scene Recognition. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2927-2940	10.2	43
89	HSAE: A Hessian regularized sparse auto-encoders. <i>Neurocomputing</i> , 2016 , 187, 59-65	5.4	40
88	The spatial Laplacian and temporal energy pyramid representation for human action recognition using depth sequences. <i>Knowledge-Based Systems</i> , 2017 , 122, 64-74	7.3	38
87	Hypergraph ρ -Laplacian Regularization for Remotely Sensed Image Recognition. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 1585-1595	8.1	38
86	Hetero-Center loss for cross-modality person Re-identification. <i>Neurocomputing</i> , 2020 , 386, 97-109	5.4	35
85	Multiview Cauchy Estimator Feature Embedding for Depth and Inertial Sensor-Based Human Action Recognition. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 617-627	7.3	35
84	Ensemble One-Dimensional Convolution Neural Networks for Skeleton-Based Action Recognition. <i>IEEE Signal Processing Letters</i> , 2018 , 25, 1044-1048	3.2	33
83	HesGCN: Hessian graph convolutional networks for semi-supervised classification. <i>Information Sciences</i> , 2020 , 514, 484-498	7.7	30
82	Anti-counterfeiting digital watermarking algorithm for printed QR barcode. <i>Neurocomputing</i> , 2015 , 167, 625-635	5.4	28
81	Action Parsing-Driven Video Summarization Based on Reinforcement Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 1-1	6.4	27
80	Domain-Weighted Majority Voting for Crowdsourcing. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 163-174	10.3	26
79	Automatic local exposure correction using bright channel prior for under-exposed images. <i>Signal Processing</i> , 2013 , 93, 3227-3238	4.4	26
78	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 885-896	6.6	26

77	Robust Sparse Coding for Mobile Image Labeling on the Cloud. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 62-72	6.4	25
76	Attribute-Aligned Domain-Invariant Feature Learning for Unsupervised Domain Adaptation Person Re-Identification. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 1480-1494	8	25
75	DLANet: A manifold-learning-based discriminative feature learning network for scene classification. <i>Neurocomputing</i> , 2015 , 157, 11-21	5.4	24
74	Color-to-gray based on chance of happening preservation. <i>Neurocomputing</i> , 2013 , 119, 222-231	5.4	24
73	LMAE: A large margin Auto-Encoders for classification. <i>Signal Processing</i> , 2017 , 141, 137-143	4.4	22
72	Reinforcement online learning for emotion prediction by using physiological signals. <i>Pattern Recognition Letters</i> , 2018 , 107, 123-130	4.7	22
71	Discriminative information preservation for face recognition. <i>Neurocomputing</i> , 2012 , 91, 11-20	5.4	22
70	Road Detection by Using a Generalized Hough Transform. <i>Remote Sensing</i> , 2017 , 9, 590	5	22
69	Deep features for person re-identification on metric learning. <i>Pattern Recognition</i> , 2021 , 110, 107424	7.7	22
68	Local structure preserving discriminative projections for RGB-D sensor-based scene classification. <i>Information Sciences</i> , 2015 , 320, 383-394	7.7	21
67	Student Becoming the Master: Knowledge Amalgamation for Joint Scene Parsing, Depth Estimation, and More 2019 ,		21
66	Top distance regularized projection and dictionary learning for person re-identification. <i>Information Sciences</i> , 2019 , 502, 472-491	7.7	20
65	Human pose recovery by supervised spectral embedding. <i>Neurocomputing</i> , 2015 , 166, 301-308	5.4	20
64	. <i>IEEE Transactions on Multimedia</i> , 2020 , 22, 2977-2989	6.6	18
63	Attribute-Identity Embedding and Self-Supervised Learning for Scalable Person Re-Identification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 3472-3485	6.4	16
62	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1895-1908	6.4	13
61	Large Sparse Cone Non-negative Matrix Factorization for Image Annotation. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2017 , 8, 1-21	8	13
60	Support vector machine active learning by Hessian regularization. <i>Journal of Visual Communication and Image Representation</i> , 2017 , 49, 47-56	2.7	13

59	Similar handwritten Chinese character recognition by kernel discriminative locality alignment. <i>Pattern Recognition Letters</i> , 2014 , 35, 186-194	4.7	12
58	Data-driven facial animation via semi-supervised local patch alignment. <i>Pattern Recognition</i> , 2016 , 57, 1-20	7.7	11
57	Genetic algorithm for spanning tree construction in P2P distributed interactive applications. <i>Neurocomputing</i> , 2014 , 140, 185-192	5.4	11
56	Sparse Discriminative Information Preservation for Chinese character font categorization. <i>Neurocomputing</i> , 2014 , 129, 159-167	5.4	11
55	Multiview Canonical Correlation Analysis Networks for Remote Sensing Image Recognition. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 1855-1859	4.1	11
54	Similar Handwritten Chinese Character Recognition Using Discriminative Locality Alignment Manifold Learning 2011 ,		11
53	Recent developments on deep big vision. <i>Neurocomputing</i> , 2016 , 187, 1-3	5.4	11
52	Constrained Discriminative Projection Learning for Image Classification. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 186-198	8.7	11
51	Triple Adversarial Learning and Multi-view Imaginative Reasoning for Unsupervised Domain Adaptation Person Re-identification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	11
50	Color Transfer Pulse-Coupled Neural Networks for Underwater Robotic Visual Systems. <i>IEEE Access</i> , 2018 , 6, 32850-32860	3.5	11
49	An adaptive semi-supervised clustering approach via multiple density-based information. <i>Neurocomputing</i> , 2017 , 257, 193-205	5.4	10
48	Ensemble p-Laplacian Regularization for Scene Image Recognition. <i>Cognitive Computation</i> , 2019 , 11, 841-854	4.4	9
47	Asymmetric Projection and Dictionary Learning With Listwise and Identity Consistency Constraints for Person Re-Identification. <i>IEEE Access</i> , 2018 , 6, 37977-37990	3.5	9
46	High-level attributes modeling for indoor scenes classification. <i>Neurocomputing</i> , 2013 , 121, 337-343	5.4	9
45	Cross adversarial consistency self-prediction learning for unsupervised domain adaptation person re-identification. <i>Information Sciences</i> , 2021 , 559, 46-60	7.7	9
44	Hessian Regularized Sparse Coding for Human Action Recognition. <i>Lecture Notes in Computer Science</i> , 2015 , 502-511	0.9	8
43	Hessian-Regularized Multitask Dictionary Learning for Remote Sensing Image Recognition. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 821-825	4.1	7
42	Online tracking based on efficient transductive learning with sample matching costs. <i>Neurocomputing</i> , 2016 , 175, 166-176	5.4	7

41	A general framework for co-training and its applications. <i>Neurocomputing</i> , 2015 , 167, 112-121	5.4	7
40	A tensor framework for geosensor data forecasting of significant societal events. <i>Pattern Recognition</i> , 2019 , 88, 27-37	7.7	7
39	Sparse frontal face image synthesis from an arbitrary profile image. <i>Neurocomputing</i> , 2014 , 128, 466-475	5.4	6
38	Motionlet LLC coding for discriminative human pose estimation. <i>Multimedia Tools and Applications</i> , 2014 , 73, 327-344	2.5	5
37	Feature fusion of triaxial acceleration signals and depth maps for human action recognition 2016 ,		5
36	Clustering Multivariate Time Series Data via Multi-Nonnegative Matrix Factorization in Multi-Relational Networks. <i>IEEE Access</i> , 2018 , 6, 74747-74761	3.5	5
35	Diversified shared latent structure based localization for blind persons 2017 ,		4
34	2015 ,		4
33	Grassmann multimodal implicit feature selection. <i>Multimedia Systems</i> , 2014 , 20, 659-674	2.2	4
32	Hessian Regularized Distance Metric Learning for People Re-Identification. <i>Neural Processing Letters</i> , 2019 , 50, 2087-2100	2.4	4
31	Deep-Rice: Deep Multi-sensor Image Recognition for Grading Rice* 2018 ,		4
30	Real-time tracking-by-learning with high-order regularization fusion for big video abstraction. <i>Signal Processing</i> , 2016 , 124, 246-258	4.4	3
29	Chart classification by combining deep convolutional networks and deep belief networks 2015 ,		3
28	Real-time action recognition by feature-level fusion of depth and inertial sensor 2017 ,		3
27	A Comparative Study of Several Feature Extraction Methods for Person Re-identification. <i>Lecture Notes in Computer Science</i> , 2012 , 268-277	0.9	3
26	Adversarial UV-Transformation Texture Estimation for 3D Face Aging. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	3
25	Effective human action recognition by combining manifold regularization and pairwise constraints. <i>Multimedia Tools and Applications</i> , 2019 , 78, 13313-13329	2.5	3
24	Online learning using projections onto shrinkage closed balls for adaptive brain-computer interface. <i>Pattern Recognition</i> , 2020 , 97, 107017	7.7	3

23	Person re-identification by discriminant analytical least squares metric learning. <i>Machine Vision and Applications</i> , 2018 , 29, 1019-1031	2.8	2
22	Single-layer Unsupervised Feature Learning with l2 regularized sparse filtering 2014 ,		2
21	Dynamic Graph Learning Convolutional Networks for Semi-supervised Classification. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 17, 1-13	3.4	2
20	Deep Neural Networks with Relativity Learning for facial expression recognition 2016 ,		2
19	A flexible vehicle surround view camera system by central-around coordinate mapping model. <i>Multimedia Tools and Applications</i> , 2019 , 78, 11983-12006	2.5	2
18	CAS-YNU Multi-modal Cross-view Human Action Dataset 2018 ,		2
17	Cauchy Estimator Discriminant Learning for RGB-D Sensor-based Scene Classification. <i>Multimedia Tools and Applications</i> , 2017 , 76, 4471-4489	2.5	1
16	Skeleton correspondence construction and its applications in animation style reusing. <i>Neurocomputing</i> , 2013 , 120, 461-468	5.4	1
15	Co-regularization for classification 2014 ,		1
14	Deep Similarity Feature Learning for Person Re-identification. <i>Lecture Notes in Computer Science</i> , 2016 , 386-396	0.9	1
13	Image Hallucination From Attribute Pairs. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	1
12	Weakly Supervised Hand Pose Recovery with Domain Adaptation by Low-Rank Alignment 2016 ,		1
11	Hessian regularization by patch alignment framework. <i>Neurocomputing</i> , 2016 , 204, 183-188	5.4	1
10	A Deep Multi-view Learning method for Rice Grading 2019 ,		1
9	Equidistant distribution loss for person re-identification. <i>Neurocomputing</i> , 2021 , 455, 255-264	5.4	1
8	Interference Distillation for Underwater Fish Recognition. <i>Lecture Notes in Computer Science</i> , 2022 , 62-74	4.9	1
7	Key point-aware occlusion suppression and semantic alignment for occluded person re-identification. <i>Information Sciences</i> , 2022 , 606, 669-687	7.7	1
6	RiFeGAN2: Rich Feature Generation for Text-to-Image Synthesis from Constrained Prior Knowledge. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	0

- 5 Domain Adaptation with Few Labeled Source Samples by Graph Regularization. *Neural Processing Letters*, **2020**, 51, 23-39 2.4 ○
- 4 A Contour Co-Tracking Method for Image Pairs. *IEEE Transactions on Image Processing*, **2021**, 30, 5402-5417 2.7 ○
- 3 Output Layer Multiplication for Class Imbalance Problem in Convolutional Neural Networks. *Neural Processing Letters*, **2020**, 52, 2637-2653 2.4
- 2 Occluded Object Imaging Based on Collaborative Synthetic Aperture Photography. *Communications in Computer and Information Science*, **2016**, 3-11 0.3
- 1 Transferring fashion to surveillance with weak labels. *Neural Computing and Applications*, **2020**, 1 4.8