Zhengming Ding

List of Publications by Year
in descending order

100 papers	3,230 citations	218677 26 h-index	243625 44 g-index
103 all docs	103 docs citations	103 times ranked	2081 citing authors

#	Article	IF	Citations
1	Leveraging the Invariant Side of Generative Zero-Shot Learning. , 2019, , .		187
2	Domain Invariant and Class Discriminative Feature Learning for Visual Domain Adaptation. IEEE Transactions on Image Processing, 2018, 27, 4260-4273.	9.8	174
3	MOGONET integrates multi-omics data using graph convolutional networks allowing patient classification and biomarker identification. Nature Communications, 2021, 12, 3445.	12.8	152
4	Maximum Density Divergence for Domain Adaptation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3918-3930.	13.9	149
5	Robust Transfer Metric Learning for Image Classification. IEEE Transactions on Image Processing, 2017, 26, 660-670.	9.8	136
6	Deep Residual Correction Network for Partial Domain Adaptation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2329-2344.	13.9	95
7	Low-Rank Common Subspace for Multi-view Learning. , 2014, , .		92
8	From Ensemble Clustering to Multi-View Clustering. , 2017, , .		82
9	Low-Rank Embedded Ensemble Semantic Dictionary for Zero-Shot Learning. , 2017, , .		81
10	Incomplete Multisource Transfer Learning. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 310-323.	11.3	75
11	Adaptive Adversarial Network for Source-free Domain Adaptation. , 2021, , .		75
12	Generative Multi-View Human Action Recognition. , 2019, , .		74
13	Graph Adaptive Knowledge Transfer for Unsupervised Domain Adaptation. Lecture Notes in Computer Science, 2018, , 36-52.	1.3	71
14	Sparse-Representation-Based Graph Embedding for Traffic Sign Recognition. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 1515-1524.	8.0	66
15	Joint Adversarial Domain Adaptation. , 2019, , .		66
16	Partial Multi-view Clustering via Consistent GAN. , 2018, , .		65
17	Deep Domain Generalization With Structured Low-Rank Constraint. IEEE Transactions on Image Processing, 2018, 27, 304-313.	9.8	64
18	Divergence-Agnostic Unsupervised Domain Adaptation by Adversarial Attacks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 8196-8211.	13.9	64

#	Article	IF	Citations
19	Deeply Learned View-Invariant Features for Cross-View Action Recognition. IEEE Transactions on Image Processing, 2017, 26, 3028-3037.	9.8	60
20	Marginalized Multiview Ensemble Clustering. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 600-611.	11.3	57
21	Semi-supervised Deep Domain Adaptation via Coupled Neural Networks. IEEE Transactions on Image Processing, 2018, 27, 5214-5224.	9.8	55
22	Deep Transfer Low-Rank Coding for Cross-Domain Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1768-1779.	11.3	55
23	Generative Partial Multi-View Clustering With Adaptive Fusion and Cycle Consistency. IEEE Transactions on Image Processing, 2021, 30, 1771-1783.	9.8	55
24	Cycle-consistent Conditional Adversarial Transfer Networks. , 2019, , .		53
25	Missing Modality Transfer Learning via Latent Low-Rank Constraint. IEEE Transactions on Image Processing, 2015, 24, 4322-4334.	9.8	50
26	What and How: Generalized Lifelong Spectral Clustering via Dual Memory. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	50
27	Discriminative Transfer Feature and Label Consistency for Cross-Domain Image Classification. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4842-4856.	11.3	43
28	Bi-Directional Generation for Unsupervised Domain Adaptation. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6615-6622.	4.9	43
29	Robust Multiview Data Analysis Through Collective Low-Rank Subspace. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1986-1997.	11.3	42
30	Structure-Preserved Unsupervised Domain Adaptation. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 799-812.	5.7	40
31	Marginalized Latent Semantic Encoder for Zero-Shot Learning. , 2019, , .		36
32	Consensus Regularized Multi-View Outlier Detection. IEEE Transactions on Image Processing, 2018, 27, 236-248.	9.8	35
33	Latent Tensor Transfer Learning for RGB-D Action Recognition. , 2014, , .		31
34	Generative Zero-Shot Learning via Low-Rank Embedded Semantic Dictionary. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2861-2874.	13.9	31
35	One-Shot Face Recognition via Generative Learning. , 2018, , .		30
36	Low-Rank Transfer Human Motion Segmentation. IEEE Transactions on Image Processing, 2019, 28, 1023-1034.	9.8	30

#	Article	IF	Citations
37	Robust Spectral Ensemble Clustering via Rank Minimization. ACM Transactions on Knowledge Discovery From Data, 2019, 13, 1-25.	3.5	29
38	Cross-Generation Kinship Verification with Sparse Discriminative Metric. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2783-2790.	13.9	28
39	Robust Multi-view Representation: A Unified Perspective from Multi-view Learning to Domain Adaption. , 2018, , .		28
40	Adaptive Graph Guided Embedding for Multi-label Annotation. , 2018, , .		28
41	Deep Robust Encoder Through Locality Preserving Low-Rank Dictionary. Lecture Notes in Computer Science, 2016, , 567-582.	1.3	26
42	Structure Preserving Generative Cross-Domain Learning. , 2020, , .		26
43	Support Neighbor Loss for Person Re-Identification. , 2018, , .		25
44	Learning Modality-Invariant Latent Representations for Generalized Zero-shot Learning. , 2020, , .		25
45	Deep Decision Tree Transfer Boosting. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 383-395.	11.3	24
46	Weakly-Supervised Cross-Domain Adaptation for Endoscopic Lesions Segmentation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2020-2033.	8.3	24
47	Simultaneous Semantic Alignment Network for Heterogeneous Domain Adaptation. , 2020, , .		20
48	Adaptively-Accumulated Knowledge Transfer for Partial Domain Adaptation. , 2020, , .		19
49	Robust Discriminative Metric Learning for Image Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3173-3183.	8.3	18
50	Semi-Supervised Cross-Modality Action Recognition by Latent Tensor Transfer Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2801-2814.	8.3	18
51	Toward Resolution-Invariant Person Reidentification via Projective Dictionary Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1896-1907.	11.3	17
52	Task-driven deep transfer learning for image classification. , 2016, , .		14
53	Vehicle and Person Re-Identification With Support Neighbor Loss. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 826-838.	11.3	14
54	Deep Low-rank Sparse Collective Factorization for Cross-Domain Recommendation. , 2017, , .		13

#	Article	IF	Citations
55	Kinship Classification through Latent Adaptive Subspace. , 2018, , .		13
56	Semi-Supervised Low-Rank Semantics Grouping for Zero-Shot Learning. IEEE Transactions on Image Processing, 2021, 30, 2207-2219.	9.8	12
57	Sparsely-labeled source assisted domain adaptation. Pattern Recognition, 2021, 112, 107803.	8.1	12
58	Towards Novel Target Discovery Through Open-Set Domain Adaptation. , 2021, , .		12
59	Marginalized Denoising Dictionary Learning With Locality Constraint. IEEE Transactions on Image Processing, 2018, 27, 500-510.	9.8	11
60	Heterogeneous Recommendation via Deep Low-rank Sparse Collective Factorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 42, 1-1.	13.9	11
61	HGNet: Hybrid Generative Network for Zero-Shot Domain Adaptation. Lecture Notes in Computer Science, 2020, , 55-70.	1.3	11
62	Transfer learning for image classification with incomplete multiple sources. , 2016, , .		10
63	Dual Low-Rank Decompositions for Robust Cross-View Learning. IEEE Transactions on Image Processing, 2019, 28, 194-204.	9.8	10
64	Joint Adaptive Dual Graph and Feature Selection for Domain Adaptation. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1453-1466.	8.3	9
65	Semi-supervised Domain Adaptive Retrieval via Discriminative Hashing Learning. , 2021, , .		9
66	Generative View-Correlation Adaptation for Semi-supervised Multi-view Learning. Lecture Notes in Computer Science, 2020, , 318-334.	1.3	9
67	Augmented Multimodality Fusion for Generalized Zero-Shot Sketch-Based Visual Retrieval. IEEE Transactions on Image Processing, 2022, 31, 3657-3668.	9.8	9
68	Locally connected graph for visual tracking. Neurocomputing, 2013, 120, 45-53.	5.9	8
69	Knowledge Reused Outlier Detection. IEEE Access, 2019, 7, 43763-43772.	4.2	8
70	Continuous Multi-View Human Action Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3603-3614.	8.3	8
71	Towards Fair Knowledge Transfer for Imbalanced Domain Adaptation. IEEE Transactions on Image Processing, 2021, 30, 8200-8211.	9.8	8
72	Generative Mixup Networks for Zero-Shot Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, PP, 1-12.	11.3	8

#	Article	IF	Citations
73	Video-based face recognition. , 2010, , .		7
74	Discriminative low-rank metric learning for face recognition. , 2015, , .		7
75	Ensemble Subspace Segmentation Under Blockwise Constraints. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 1526-1539.	8.3	7
76	A novel semi-supervised face recognition for video. , 2010, , .		6
77	Adversarial Dual Distinct Classifiers for Unsupervised Domain Adaptation. , 2021, , .		6
78	Towards Fair Cross-Domain Adaptation via Generative Learning. , 2021, , .		6
79	Discerning Feature Supported Encoder for Image Representation. IEEE Transactions on Image Processing, 2019, 28, 3728-3738.	9.8	5
80	Generative Correlation Discovery Network for Multi-label Learning. , 2019, , .		5
81	Few-Shot Domain Adaptation via Mixup Optimal Transport. IEEE Transactions on Image Processing, 2022, 31, 2518-2528.	9.8	5
82	Generic Multi-label Annotation via Adaptive Graph and Marginalized Augmentation. ACM Transactions on Knowledge Discovery From Data, 2021, 16, 1-20.	3.5	4
83	Block-wise constrained sparse graph for face image representation. , 2015, , .		3
84	Part-Level Regularized Semi-Nonnegative Coding for Semi-Supervised Learning. , 2015, , .		3
85	Deep transfer learning for automatic target classification: MWIR to LWIR. Proceedings of SPIE, 2016, , .	0.8	3
86	Deep Active Learning Through Cognitive Information Parcels. , 2017, , .		3
87	Sparse low-rank fusion based deep features for missing modality face recognition. , 2015, , .		2
88	Online Multi-Task Clustering for Human Motion Segmentation. , 2019, , .		2
89	Multi-source Transfer Learning. Advanced Information and Knowledge Processing, 2019, , 175-202.	0.3	2
90	Locally connected graph embedding for semisupervised image classification. Journal of Electronic Imaging, 2012, 21, 043021.	0.9	1

#	Article	IF	Citations
91	Generic Embedded Semantic Dictionary for Robust Multi-Label Classification. , 2018, , .		1
92	Multi-view Clustering with Complete Information. Advanced Information and Knowledge Processing, 2019, , 9-50.	0.3	1
93	Deep Domain Adaptation. Advanced Information and Knowledge Processing, 2019, , 203-249.	0.3	1
94	Manifold-based face gender recognition for video. , 2011, , .		0
95	Multi-view Transformation Learning. Advanced Information and Knowledge Processing, 2019, , 99-126.	0.3	0
96	Hierarchical Lifelong Machine Learning With â€œWatchdogâ€. IEEE Transactions on Big Data, 2023, 9, 63-74.	6.1	0
97	Deep Domain Generalization. Advanced Information and Knowledge Processing, 2019, , 251-268.	0.3	0
98	Zero-Shot Learning. Advanced Information and Knowledge Processing, 2019, , 127-144.	0.3	0
99	Missing Modality Transfer Learning. Advanced Information and Knowledge Processing, 2019, , 147-173.	0.3	0
100	Generative Multi-Label Correlation Learning. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-19.	3.5	0