

# Xiao-Yuan Jing

## List of Publications by Year in descending order

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147  
papers

3,664  
citations

196777

29  
h-index

190340

53  
g-index

149  
all docs

149  
docs citations

149  
times ranked

2750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distance and Direction Based Deep Discriminant Metric Learning for Kinship Verification. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-19.	3.0	3
2	Co-embedding: a semi-supervised multi-view representation learning approach. Neural Computing and Applications, 2022, 34, 4437-4457.	3.2	3
3	Visual-Depth Matching Network: Deep RGB-D Domain Adaptation With Unequal Categories. IEEE Transactions on Cybernetics, 2022, 52, 4623-4635.	6.2	6
4	Joint Domain Adaption and Pseudo-Labeling for Cross-Project Defect Prediction. IEICE Transactions on Information and Systems, 2022, E105.D, 432-435.	0.4	0
5	Semi-supervised multi-view graph convolutional networks with application to webpage classification. Information Sciences, 2022, 591, 142-154.	4.0	26
6	Dual-aligned unsupervised domain adaptation with graph convolutional networks. Multimedia Tools and Applications, 2022, 81, 14979-14997.	2.6	2
7	Unequal adaptive visual recognition by learning from multi-modal data. Information Sciences, 2022, 600, 1-21.	4.0	1
8	Aligned metric representation based balanced multiset ensemble learning for heterogeneous defect prediction. Information and Software Technology, 2022, 147, 106892.	3.0	8
9	Data sampling and kernel manifold discriminant alignment for mixed-project heterogeneous defect prediction. Software Quality Journal, 2022, 30, 917-951.	1.4	3
10	Modality and Event Adversarial Networks for Multi-Modal Fake News Detection. IEEE Signal Processing Letters, 2022, 29, 1382-1386.	2.1	10
11	Cross-view panorama image synthesis with progressive attention GANs. Pattern Recognition, 2022, 131, 108884.	5.1	11
12	An Empirical Study on Heterogeneous Defect Prediction Approaches. IEEE Transactions on Software Engineering, 2021, 47, 2803-2822.	4.3	35
13	Modal-Regression-Based Structured Low-Rank Matrix Recovery for Multiview Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1204-1216.	7.2	4
14	Semi-Supervised Multi-View Deep Discriminant Representation Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2496-2509.	9.7	67
15	Similarity-Maintaining Privacy Preservation and Location-Aware Low-Rank Matrix Factorization for QoS Prediction Based Web Service Recommendation. IEEE Transactions on Services Computing, 2021, 14, 889-902.	3.2	39
16	Adaptive deformable convolutional network. Neurocomputing, 2021, 453, 853-864.	3.5	25
17	Spectrum-aware discriminative deep feature learning for multi-spectral face recognition. Pattern Recognition, 2021, 111, 107632.	5.1	24
18	Face illumination recovery for the deep learning feature under severe illumination variations. Pattern Recognition, 2021, 111, 107724.	5.1	15

#	ARTICLE	IF	CITATIONS
19	Multiset Feature Learning for Highly Imbalanced Data Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 139-156.	9.7	82
20	Person Re-Identification With Character-Illustration-Style Image and Normal Photo. IEEE Access, 2021, 9, 30486-30495.	2.6	0
21	Deep Adversarial Learning Based Heterogeneous Defect Prediction. Lecture Notes in Computer Science, 2021, , 326-337.	1.0	1
22	Leveraging Stack Overflow to Detect Relevant Tutorial Fragments of APIs. , 2021, , .		2
23	Learning dynamics of gradient descent optimization in deep neural networks. Science China Information Sciences, 2021, 64, 1.	2.7	9
24	Simultaneous Image Reconstruction and Feature Learning with 3D-CNNs for Image Set-Based Classification. ACM/IMS Transactions on Data Science, 2021, 2, 1-13.	2.1	1
25	Generating API tags for tutorial fragments from Stack Overflow. Empirical Software Engineering, 2021, 26, 1.	3.0	7
26	Semi-supervised Heterogeneous Defect Prediction with Open-source Projects on GitHub. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 889-916.	0.6	3
27	Dual Contrastive Universal Adaptation Network. , 2021, , .		2
28	Cross-Project Defect Prediction via Landmark Selection-Based Kernelized Discriminant Subspace Alignment. IEEE Transactions on Reliability, 2021, 70, 996-1013.	3.5	16
29	Recommending Relevant Tutorial Fragments for API-Related Natural Language Questions. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 1251-1275.	0.6	0
30	Learning dynamics of kernel-based deep neural networks in manifolds. Science China Information Sciences, 2021, 64, 1.	2.7	1
31	Heterogeneous Defect Prediction through Joint Metric Selection and Matching. , 2021, , .		1
32	Intraspectrum Discrimination and Interspectrum Correlation Analysis Deep Network for Multispectral Face Recognition. IEEE Transactions on Cybernetics, 2020, 50, 1009-1022.	6.2	26
33	Multiview Hybrid Embedding: A Divide-and-Conquer Approach. IEEE Transactions on Cybernetics, 2020, 50, 3640-3653.	6.2	13
34	True-Color and Grayscale Video Person Re-Identification. IEEE Transactions on Information Forensics and Security, 2020, 15, 115-129.	4.5	16
35	Adaptive Weighted Sparse Principal Component Analysis for Robust Unsupervised Feature Selection. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2153-2163.	7.2	41
36	Toward Driver Face Recognition in the Intelligent Traffic Monitoring Systems. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4958-4971.	4.7	20

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37	Dynamic attention network for semantic segmentation. Neurocomputing, 2020, 384, 182-191.	3.5	34
38	Uncorrelated Locality-Sensitive Multi-view Discriminant Analysis. The National Academy of Sciences, India, 2020, 43, 327-331.	0.8	3
39	Deep metric learning with dynamic margin hard sampling loss for face verification. Signal, Image and Video Processing, 2020, 14, 791-798.	1.7	8
40	Heterogeneous Distance Learning Based on Kernel Analysis-Synthesis Dictionary for Semi-Supervised Image to Video Person Re-Identification. IEEE Access, 2020, 8, 169663-169675.	2.6	2
41	Enhanced Graph Isomorphism Network for Molecular ADMET Properties Prediction. IEEE Access, 2020, 8, 168344-168360.	2.6	26
42	Dual-regression model for visual tracking. Neural Networks, 2020, 132, 364-374.	3.3	21
43	Low-rank tensor completion for visual data recovery via the tensor train rank-1 decomposition. IET Image Processing, 2020, 14, 114-124.	1.4	7
44	Modality-specific and shared generative adversarial network for cross-modal retrieval. Pattern Recognition, 2020, 104, 107335.	5.1	48
45	Semi-supervised person re-identification by similarity-embedded cycle GANs. Neural Computing and Applications, 2020, 32, 14143-14152.	3.2	7
46	Local and global aligned spatiotemporal attention network for video-based person re-identification. Multimedia Tools and Applications, 2020, 79, 34489-34512.	2.6	2
47	<scp>Data-driven</scp> approach to application programming interface documentation mining: A review. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1369.	4.6	7
48	Prediction Consistency Guided Convolutional Neural Networks for Cross-Domain Bearing Fault Diagnosis. IEEE Access, 2020, 8, 120089-120103.	2.6	15
49	Group sparse additive machine with average top-k loss. Neurocomputing, 2020, 395, 1-14.	3.5	1
50	Adversarial Learning for Cross-Project Semi-Supervised Defect Prediction. IEEE Access, 2020, 8, 32674-32687.	2.6	12
51	Scale-fusion framework for improving video-based person re-identification performance. Neural Computing and Applications, 2020, 32, 12841-12858.	3.2	9
52	Unsupervised domain adaption for image-to-video person re-identification. Multimedia Tools and Applications, 2020, 79, 33793-33810.	2.6	3
53	Diagonal Symmetric Pattern-Based Illumination Invariant Measure for Severe Illumination Variation Face Recognition. IEEE Access, 2020, 8, 63202-63213.	2.6	7
54	Unsupervised visual domain adaptation via discriminative dictionary evolution. Pattern Analysis and Applications, 2020, 23, 1665-1675.	3.1	1

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55	Multi-view semantic learning network for point cloud based 3D object detection. Neurocomputing, 2020, 397, 477-485.	3.5	23
56	Manifold embedded distribution adaptation for cross-project defect prediction. IET Software, 2020, 14, 825-838.	1.5	5
57	Selective Pseudo-Labeling Based Subspace Learning for Cross-Project Defect Prediction. IEICE Transactions on Information and Systems, 2020, E103.D, 2003-2006.	0.4	1
58	Cross-Project Defect Prediction via Semi-Supervised Discriminative Feature Learning. IEICE Transactions on Information and Systems, 2020, E103.D, 2237-2240.	0.4	2
59	Deep Metric Learning with Triplet-Margin-Center Loss for Sketch Face Recognition. IEICE Transactions on Information and Systems, 2020, E103.D, 2394-2397.	0.4	1
60	Semantic Frustum Based VoxelNet for 3D Object Detection. , 2020, , .		1
61	The Kernel Dynamics of Convolutional Neural Networks in Manifolds. Chinese Journal of Electronics, 2020, 29, 1185-1192.	0.7	2
62	Simultaneous visual-appearance-level and spatial-temporal-level dictionary learning for video-based person re-identification. Neural Computing and Applications, 2019, 31, 7303-7315.	3.2	11
63	On the Multiple Sources and Privacy Preservation Issues for Heterogeneous Defect Prediction. IEEE Transactions on Software Engineering, 2019, 45, 391-411.	4.3	62
64	High-Resolution and Low-Resolution Video Person Re-Identification: A Benchmark. IEEE Access, 2019, 7, 63426-63436.	2.6	5
65	Semi-supervised Multi-view Individual and Sharable Feature Learning for Webpage Classification. , 2019, , .		18
66	General logarithm difference model for severe illumination variation face recognition. Multimedia Tools and Applications, 2019, 78, 27425-27447.	2.6	1
67	Heterogeneous defect prediction with two-stage ensemble learning. Automated Software Engineering, 2019, 26, 599-651.	2.2	41
68	Distance learning by mining hard and easy negative samples for person re-identification. Pattern Recognition, 2019, 95, 211-222.	5.1	28
69	Multi-View Synthesis and Analysis Dictionaries Learning for Classification. IEICE Transactions on Information and Systems, 2019, E102.D, 659-662.	0.4	9
70	Robust Visual Tracking Using Multi-Frame Multi-Feature Joint Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3673-3686.	5.6	10
71	Multi-view common component discriminant analysis for cross-view classification. Pattern Recognition, 2019, 92, 37-51.	5.1	54
72	Multi-view coupled dictionary learning for person re-identification. Neurocomputing, 2019, 348, 16-26.	3.5	9

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73	Cross-Modality Multi-Task Deep Metric Learning for Sketch Face Recognition. , 2019, , .		6
74	Single Sample Face Recognition Under Varying Illumination via QRCP Decomposition. IEEE Transactions on Image Processing, 2019, 28, 2624-2638.	6.0	23
75	Multi-view Intact Discriminant Space Learning for Image Classification. Neural Processing Letters, 2019, 50, 1661-1685.	2.0	4
76	Low illumination person re-identification. Multimedia Tools and Applications, 2019, 78, 337-362.	2.6	13
77	Semi-supervised multiple kernel intact discriminant space learning for image recognition. Neural Computing and Applications, 2019, 31, 5309-5326.	3.2	6
78	Adversarial Domain Alignment Feature Similarity Enhancement Learning for Unsupervised Domain Adaptation. Lecture Notes in Computer Science, 2019, , 259-271.	1.0	1
79	The face recognition based on ensemble method. , 2019, , .		0
80	Modality Consistent Generative Adversarial Network for Cross-Modal Retrieval. Lecture Notes in Computer Science, 2019, , 3-14.	1.0	0
81	“Like charges repulsion and opposite charges attraction”-law based multilinear subspace analysis for face recognition. Knowledge-Based Systems, 2018, 149, 76-87.	4.0	7
82	A joint space-angle regularization approach for single 4D diffusion image super-resolution. Magnetic Resonance in Medicine, 2018, 80, 2173-2187.	1.9	1
83	Multi-view manifold learning with locality alignment. Pattern Recognition, 2018, 78, 154-166.	5.1	67
84	Heterogeneous fault prediction with cost-sensitive domain adaptation. Software Testing Verification and Reliability, 2018, 28, e1658.	1.7	20
85	Cross-Project and Within-Project Semisupervised Software Defect Prediction: A Unified Approach. IEEE Transactions on Reliability, 2018, 67, 581-597.	3.5	98
86	Distance field guided $L_1$ -median skeleton extraction. Visual Computer, 2018, 34, 243-255.	2.5	20
87	Image to Video Person Re-Identification by Learning Heterogeneous Dictionary Pair With Feature Projection Matrix. IEEE Transactions on Information Forensics and Security, 2018, 13, 717-732.	4.5	49
88	Multi-view local discrimination and canonical correlation analysis for image classification. Neurocomputing, 2018, 275, 1087-1098.	3.5	20
89	Cost-sensitive transfer kernel canonical correlation analysis for heterogeneous defect prediction. Automated Software Engineering, 2018, 25, 201-245.	2.2	82
90	Semi-Supervised Cross-View Projection-Based Dictionary Learning for Video-Based Person Re-Identification. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2599-2611.	5.6	32

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91	Manifold Learning for Cross-project Software Defect Prediction. , 2018, , .		3
92	Low-rank representation for semi-supervised software defect prediction. IET Software, 2018, 12, 527-535.	1.5	6
93	Video-Based Person Re-Identification by Simultaneously Learning Intra-Video and Inter-Video Distance Metrics. IEEE Transactions on Image Processing, 2018, 27, 5683-5695.	6.0	59
94	Progress on approaches to software defect prediction. IET Software, 2018, 12, 161-175.	1.5	147
95	A Hybrid 2D and 3D Convolution Based Recurrent Network for Video-Based Person Re-identification. Lecture Notes in Computer Science, 2018, , 439-451.	1.0	1
96	Large-scale image recognition based on parallel kernel supervised and semi-supervised subspace learning. Neural Computing and Applications, 2017, 28, 483-498.	3.2	3
97	Label propagation based semi-supervised learning for software defect prediction. Automated Software Engineering, 2017, 24, 47-69.	2.2	87
98	Super-Resolution Person Re-Identification With Semi-Coupled Low-Rank Discriminant Dictionary Learning. IEEE Transactions on Image Processing, 2017, 26, 1363-1378.	6.0	96
99	Image denoising using weighted nuclear norm minimization with multiple strategies. Signal Processing, 2017, 135, 239-252.	2.1	19
100	Discriminant-Reconstruction Based Multiple Attribute Classifiers for Face Recognition. The National Academy of Sciences, India, 2017, 40, 177-182.	0.8	2
101	Structure-Based Low-Rank Model With Graph Nuclear Norm Regularization for Noise Removal. IEEE Transactions on Image Processing, 2017, 26, 3098-3112.	6.0	22
102	Software effort estimation based on open source projects: Case study of Github. Information and Software Technology, 2017, 92, 145-157.	3.0	25
103	Heterogeneous Defect Prediction Through Multiple Kernel Learning and Ensemble Learning. , 2017, , .		33
104	An Improved SDA Based Defect Prediction Framework for Both Within-Project and Cross-Project Class-Imbalance Problems. IEEE Transactions on Software Engineering, 2017, 43, 321-339.	4.3	149
105	Multi-view Discriminant Dictionary Learning via Learning View-specific and Shared Structured Dictionaries for Image Classification. Neural Processing Letters, 2017, 45, 649-666.	2.0	18
106	Cross-project and within-project semi-supervised software defect prediction problems study using a unified solution. , 2017, , .		8
107	Discriminant orientation and scale features learning with application to palmprint recognition. , 2017, , .		0
108	Multi-view based coupled dictionary learning for person re-identification. , 2017, , .		0

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109	Cost-Sensitive Local Collaborative Representation for Software Defect Prediction. , 2016, , .		5
110	Missing data imputation based on low-rank recovery and semi-supervised regression for software effort estimation. , 2016, , .		17
111	Multi-Label Dictionary Learning for Image Annotation. IEEE Transactions on Image Processing, 2016, 25, 2712-2725.	6.0	82
112	Privacy preserving via interval covering based subclass division and manifold learning based bi-directional obfuscation for effort estimation. , 2016, , .		4
113	Distance learning by treating negative samples differently and exploiting impostors with symmetric triplet constraint for person re-identification. , 2016, , .		13
114	Non-negative sparse-based SemiBoost for software defect prediction. Software Testing Verification and Reliability, 2016, 26, 498-515.	1.7	18
115	Unsupervised visual domain adaptation via dictionary evolution. , 2016, , .		4
116	Multi-spectral low-rank structured dictionary learning for face recognition. Pattern Recognition, 2016, 59, 14-25.	5.1	65
117	Multi-view low-rank dictionary learning for image classification. Pattern Recognition, 2016, 50, 143-154.	5.1	117
118	Group recursive discriminant subspace learning with image set decomposition. Neural Computing and Applications, 2016, 27, 1693-1706.	3.2	1
119	Multiple kernel ensemble learning for software defect prediction. Automated Software Engineering, 2016, 23, 569-590.	2.2	108
120	Kernel subspace alignment for unsupervised domain adaptation. , 2015, , .		6
121	Super-resolution Person re-identification with semi-coupled low-rank discriminant dictionary learning. , 2015, , .		29
122	Heterogeneous cross-company defect prediction by unified metric representation and CCA-based transfer learning. , 2015, , .		128
123	Software defect prediction based on collaborative representation classification. , 2014, , .		17
124	Dictionary learning based software defect prediction. , 2014, , .		140
125	Using concept semantic similarity for documents classification. , 2014, , .		0
126	Palmprint and Face Multi-Modal Biometric Recognition Based on SDA-GSVD and Its Kernelization. Sensors, 2012, 12, 5551-5571.	2.1	7



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127	Face feature extraction and recognition based on discriminant subclass-center manifold preserving projection. Pattern Recognition Letters, 2012, 33, 709-717.	2.6	5
128	Supervised and Unsupervised Parallel Subspace Learning for Large-Scale Image Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 1497-1511.	5.6	20
129	Sparse cost-sensitive classifier with application to face recognition. , 2011, , .		8
130	Multi-Modal Biometric Feature Extraction and Recognition Based on Subclass Discriminant Analysis (SDA) and Generalized Singular Value Decomposition (GSVD). , 2011, , .		1
131	Discriminant subclass-center manifold preserving projection for face feature extraction. , 2011, , .		4
132	Supervised local sparsity preserving projection for face feature extraction. , 2011, , .		1
133	Orthogonal Complex Locality Preserving Projections Based on Image Space Metric for Finger-Knuckle-Print Recognition. , 2011, , .		6
134	Face recognition based on local uncorrelated and weighted global uncorrelated discriminant transforms. , 2011, , .		9
135	Semi-Supervised Palmprint Recognition Based on Similarity Projection Analysis. , 2011, , .		0
136	A novel kernel discriminant feature extraction framework based on mapped virtual samples for face recognition. , 2011, , .		3
137	Class-imbalance learning based discriminant analysis. , 2011, , .		1
138	Color Face Recognition Based on Statistically Orthogonal Analysis of Projection Transforms. Lecture Notes in Computer Science, 2011, , 58-65.	1.0	7
139	Face and palmprint pixel level fusion and Kernel DCV-RBF classifier for small sample biometric recognition. Pattern Recognition, 2007, 40, 3209-3224.	5.1	162
140	Face and palmprint feature level fusion for single sample biometrics recognition. Neurocomputing, 2007, 70, 1582-1586.	3.5	139
141	Face recognition based on 2D Fisherface approach. Pattern Recognition, 2006, 39, 707-710.	5.1	78
142	An Improved LDA Approach. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1942-1951.	5.5	51
143	A Face and Palmprint Recognition Approach Based on Discriminant DCT Feature Extraction. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 2405-2415.	5.5	206
144	Improvements on the linear discrimination technique with application to face recognition. Pattern Recognition Letters, 2003, 24, 2695-2701.	2.6	19

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145	Improvements on the uncorrelated optimal discriminant vectors. Pattern Recognition, 2003, 36, 1921-1923.	5.1	12
146	UODV: improved algorithm and generalized theory. Pattern Recognition, 2003, 36, 2593-2602.	5.1	25
147	Improving actor-critic structure by relatively optimal historical information for discrete system. Neural Computing and Applications, 0, , 1.	3.2	0