

# Xinbo Gao

## List of Publications by Year in descending order

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360  
papers

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citations

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366  
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366  
docs citations

366  
times ranked

7358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer Adaptation Learning: A Decade Survey. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 23-44.	11.3	46
2	Heat Transfer-Inspired Network for Image Super-Resolution Reconstruction. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1810-1820.	11.3	9
3	Granular Ball Sampling for Noisy Label Classification or Imbalanced Classification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2144-2155.	11.3	32
4	Dual-Affinity Style Embedding Network for Semantic-Aligned Image Style Transfer. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7404-7417.	11.3	6
5	Curvature Consistent Network for Microscope Chip Image Super-Resolution. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10538-10551.	11.3	12
6	Cross-Modal Enhancement Network for Multimodal Sentiment Analysis. IEEE Transactions on Multimedia, 2023, 25, 4909-4921.	7.2	4
7	IEMask R-CNN: Information-Enhanced Mask R-CNN. IEEE Transactions on Big Data, 2023, 9, 688-700.	6.1	12
8	Mean-Field Learning for Edge Computing in Mobile Blockchain Networks. IEEE Transactions on Mobile Computing, 2023, 22, 5978-5994.	5.8	18
9	No Reference Quality Assessment for Screen Content Images Using Stacked Autoencoders in Pictorial and Textual Regions. IEEE Transactions on Cybernetics, 2022, 52, 2798-2810.	9.5	52
10	CrossNet: Detecting Objects as Crosses. IEEE Transactions on Multimedia, 2022, 24, 861-875.	7.2	7
11	Robust Video-Based Person Re-Identification by Hierarchical Mining. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 8179-8191.	8.3	19
12	Locality-Adaptive Structured Dictionary Learning for Cross-Domain Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2425-2440.	8.3	1
13	Registration-Is-Evaluation: Robust Point Set Matching With Multigranular Prior Assessment. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	2
14	Simultaneous Face Completion and Frontalization via Mask Guided Two-Stage GAN. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3761-3773.	8.3	9
15	Domain Adaptation Preconceived Hashing for Unconstrained Visual Retrieval. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5641-5655.	11.3	8
16	Blind Stereoscopic Image Quality Evaluator Based on Binocular Semantic and Quality Channels. IEEE Transactions on Multimedia, 2022, 24, 1389-1398.	7.2	20
17	Towards Multi-Domain Face Synthesis Via Domain-Invariant Representations and Multi-Level Feature Parts. IEEE Transactions on Multimedia, 2022, 24, 3469-3479.	7.2	8
18	mCRF and mRD: Two Classification Methods Based on a Novel Multiclass Label Noise Filtering Learning Framework. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2916-2930.	11.3	25

#	ARTICLE	IF	CITATIONS
19	An Enhanced SiamMask Network for Coastal Ship Tracking. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	10
20	Two-Stream Graph Convolutional Network for Intra-Oral Scanner Image Segmentation. IEEE Transactions on Medical Imaging, 2022, 41, 826-835.	8.9	13
21	A Robust One-Stage Detector for Multiscale Ship Detection With Complex Background in Massive SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	37
22	SRDN: A Unified Super-Resolution and Motion Deblurring Network for Space Image Restoration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	6
23	Online Learning for Distributed Computation Offloading in Wireless Powered Mobile Edge Computing Networks. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1841-1855.	5.6	32
24	An adaptive and general model for label noise detection using relative probabilistic density. Knowledge-Based Systems, 2022, 239, 107907.	7.1	2
25	A Novel Framework With Weighted Decision Map Based on Convolutional Neural Network for Cardiac MR Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2228-2239.	6.3	4
26	ForgeryNIR: Deep Face Forgery and Detection in Near-Infrared Scenario. IEEE Transactions on Information Forensics and Security, 2022, 17, 500-515.	6.9	20
27	Hierarchical discrepancy learning for image restoration quality assessment. Signal Processing, 2022, 198, 108595.	3.7	7
28	Functional and Anatomical Image Fusion Based on Gradient Enhanced Decomposition Model. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	9
29	Privacy-Preserving Color Image Feature Extraction by Quaternion Discrete Orthogonal Moments. IEEE Transactions on Information Forensics and Security, 2022, 17, 1655-1668.	6.9	5
30	Hybrid Dynamic Contrast and Probability Distillation for Unsupervised Person Re-Id. IEEE Transactions on Image Processing, 2022, 31, 3334-3346.	9.8	28
31	Object Detection for Aerial Images With Feature Enhancement and Soft Label Assignment. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	15
32	Learning Deep Resonant Prior for Hyperspectral Image Super-Resolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	8
33	Tensorized Bipartite Graph Learning for Multi-View Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-16.	13.9	19
34	CRS-CONT: A Well-Trained General Encoder for Facial Expression Analysis. IEEE Transactions on Image Processing, 2022, 31, 4637-4650.	9.8	14
35	Adaptive Edge Preserving Maps in Markov Random Fields for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8568-8583.	6.3	6
36	Soft Semantic Representation for Cross-Domain Face Recognition. IEEE Transactions on Information Forensics and Security, 2021, 16, 346-360.	6.9	15

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37	Learning to Acquire the Quality of Human Pose Estimation. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1555-1568.	8.3	13
38	Learning stacking regression for no-reference super-resolution image quality assessment. Signal Processing, 2021, 178, 107771.	3.7	18
39	KFC: An Efficient Framework for Semi-Supervised Temporal Action Localization. IEEE Transactions on Image Processing, 2021, 30, 6869-6878.	9.8	13
40	MTD-Net: Learning to Detect Deepfakes Images by Multi-Scale Texture Difference. IEEE Transactions on Information Forensics and Security, 2021, 16, 4234-4245.	6.9	76
41	2D-LCoBP: A Learning Two-Dimensional Co-Occurrence Local Binary Pattern for Image Recognition. IEEE Transactions on Image Processing, 2021, 30, 7228-7240.	9.8	8
42	Estimating Human Pose Efficiently by Parallel Pyramid Networks. IEEE Transactions on Image Processing, 2021, 30, 6785-6800.	9.8	15
43	Reconstructing seen image from brain activity by visually-guided cognitive representation and adversarial learning. Neurolmage, 2021, 228, 117602.	4.2	40
44	Learning Deep Patch representation for Probabilistic Graphical Model-Based Face Sketch Synthesis. International Journal of Computer Vision, 2021, 129, 1820-1836.	15.6	17
45	Real-Time Video Super-Resolution on Smartphones with Deep Learning, Mobile AI 2021 Challenge: Report. , 2021, , .		27
46	Difference Curvature Multidimensional Network for Hyperspectral Image Super-Resolution. Remote Sensing, 2021, 13, 3455.	4.0	2
47	Full-Reference Quality Assessment for Screen Content Images Based on the Concept of Global-Guidance and Local-Adjustment. IEEE Transactions on Broadcasting, 2021, 67, 696-709.	3.2	12
48	Edge-Preserving Convolutional Generative Adversarial Networks for SAR-to-Optical Image Translation. Remote Sensing, 2021, 13, 3575.	4.0	17
49	Graph embedding clustering: Graph attention auto-encoder with cluster-specificity distribution. Neural Networks, 2021, 142, 221-230.	5.9	21
50	Learning lightweight super-resolution networks with weight pruning. Neural Networks, 2021, 144, 21-32.	5.9	32
51	Human-interactive Mapping Method for Indoor Magnetic Based on Low-cost MARG Sensors. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	4.7	3
52	No-Reference Quality Assessment for Screen Content Images Using Visual Edge Model and AdaBoosting Neural Network. IEEE Transactions on Image Processing, 2021, 30, 6801-6814.	9.8	23
53	A Cascade Rotated Anchor-Aided Detector for Ship Detection in Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, , 1-14.	6.3	75
54	MaD-DLS: Mean and Deviation of Deep and Local Similarity for Image Quality Assessment. IEEE Transactions on Multimedia, 2021, 23, 4037-4048.	7.2	38

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55	Remote Sensing Imagery Scene Classification Based on Spiking Neural Network. , 2021, , .		0
56	TSGCNet: Discriminative Geometric Feature Learning with Two-Stream Graph Convolutional Network for 3D Dental Model Segmentation. , 2021, , .		19
57	A Circular-Structured Representation for Visual Emotion Distribution Learning. , 2021, , .		19
58	Selective Domain-Invariant Feature Alignment Network for Face Anti-Spoofing. IEEE Transactions on Information Forensics and Security, 2021, 16, 5352-5365.	6.9	8
59	Face Sketch Synthesis in the Wild via Deep Patch Representation-Based Probabilistic Graphical Model. IEEE Transactions on Information Forensics and Security, 2020, 15, 172-183.	6.9	25
60	Label-activating framework for zero-shot learning. Neural Networks, 2020, 121, 1-9.	5.9	31
61	Adaptive latent similarity learning for multi-view clustering. Neural Networks, 2020, 121, 409-418.	5.9	31
62	Channel-Wise and Spatial Feature Modulation Network for Single Image Super-Resolution. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3911-3927.	8.3	191
63	Weighted Guided Image Filtering With Steering Kernel. IEEE Transactions on Image Processing, 2020, 29, 500-508.	9.8	53
64	Bionic Face Sketch Generator. IEEE Transactions on Cybernetics, 2020, 50, 2701-2714.	9.5	23
65	Small-Scale Pedestrian Detection Based on Deep Neural Network. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3046-3055.	8.0	34
66	Precise Measurement of Position and Attitude Based on Convolutional Neural Network and Visual Correspondence Relationship. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 2030-2041.	11.3	12
67	Exploiting Related and Unrelated Tasks for Hierarchical Metric Learning and Image Classification. IEEE Transactions on Image Processing, 2020, 29, 883-896.	9.8	11
68	Cascaded Face Sketch Synthesis Under Various Illuminations. IEEE Transactions on Image Processing, 2020, 29, 1507-1521.	9.8	20
69	No-Reference Quality Assessment of Stereoscopic Videos With Inter-Frame Cross on a Content-Rich Database. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 3608-3623.	8.3	10
70	Progressive Sub-Band Residual-Learning Network for MR Image Super Resolution. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 377-386.	6.3	33
71	Low-rank tensor constrained co-regularized multi-view spectral clustering. Neural Networks, 2020, 132, 245-252.	5.9	48
72	A Simple Discriminative Dual Semantic Auto-encoder for Zero-shot Classification. , 2020, , .		15

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73	Towards Transferable Targeted Attack. , 2020, , .		42
74	ABP: Adaptive Body Partition Model For Visible Infrared Person Re-Identification. , 2020, , .		10
75	Hierarchical convolutional neural network via hierarchical cluster validity based visual tree learning. Neurocomputing, 2020, 409, 408-419.	5.9	9
76	Deep spectral convolution network for hyperspectral image unmixing with spectral library. Signal Processing, 2020, 176, 107672.	3.7	26
77	Joint and individual matrix factorization hashing for large-scale cross-modal retrieval. Pattern Recognition, 2020, 107, 107479.	8.1	48
78	Semantic-related image style transfer with dual-consistency loss.. Neurocomputing, 2020, 406, 135-149.	5.9	15
79	Perceiving heavily occluded human poses by assigning unbiased score. Information Sciences, 2020, 537, 284-301.	6.9	6
80	Prediction and variation of the auroral oval boundary based on a deep learning model and space physical parameters. Nonlinear Processes in Geophysics, 2020, 27, 11-22.	1.3	6
81	Image style transfer with collection representation space and semantic-guided reconstruction. Neural Networks, 2020, 129, 123-137.	5.9	8
82	SAT: Single-Shot Adversarial Tracker. IEEE Transactions on Industrial Electronics, 2020, 67, 9882-9892.	7.9	3
83	Aurora Image Search With a Saliency-Weighted Region Network. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2630-2643.	6.3	1
84	EEG-Based Emotion Recognition Using Logistic Regression with Gaussian Kernel and Laplacian Prior and Investigation of Critical Frequency Bands. Applied Sciences (Switzerland), 2020, 10, 1619.	2.5	40
85	HCNN-PSI: A hybrid CNN with partial semantic information for space target recognition. Pattern Recognition, 2020, 108, 107531.	8.1	17
86	Modality adversarial neural network for visible-thermal person re-identification. Pattern Recognition, 2020, 107, 107533.	8.1	25
87	CBFNet: Constraint balance factor for semantic segmentation. Neurocomputing, 2020, 397, 39-47.	5.9	4
88	Saliency detection using a deep conditional random field network. Pattern Recognition, 2020, 103, 107266.	8.1	8
89	Inter-site harmonization based on dual generative adversarial networks for diffusion tensor imaging: application to neonatal white matter development. BioMedical Engineering OnLine, 2020, 19, 4.	2.7	27
90	Person Re-Identification with Feature Pyramid Optimization and Gradual Background Suppression. Neural Networks, 2020, 124, 223-232.	5.9	18

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91	No-Reference Quality Evaluation of Stereoscopic Video Based on Spatio-Temporal Texture. IEEE Transactions on Multimedia, 2020, 22, 2635-2644.	7.2	17
92	CGAN-TM: A Novel Domain-to-Domain Transferring Method for Person Re-Identification. IEEE Transactions on Image Processing, 2020, 29, 5641-5651.	9.8	27
93	A novel deformable body partition model for MMW suspicious object detection and dynamic tracking. Signal Processing, 2020, 174, 107627.	3.7	9
94	Image super-resolution via multi-view information fusion networks. Neurocomputing, 2020, 402, 29-37.	5.9	9
95	A Novel Symmetry Driven Siamese Network for THz Concealed Object Verification. IEEE Transactions on Image Processing, 2020, 29, 5447-5456.	9.8	9
96	Deep multi-label learning for image distortion identification. Signal Processing, 2020, 172, 107536.	3.7	14
97	A Coarse-to-Fine Deep Heatmap Regression Method for Adolescent Idiopathic Scoliosis Assessment. Lecture Notes in Computer Science, 2020, , 101-106.	1.3	8
98	Lightweight image super-resolution with feature enhancement residual network. Neurocomputing, 2020, 404, 50-60.	5.9	14
99	Spectral-Spatial-Weighted Multiview Collaborative Sparse Unmixing for Hyperspectral Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8766-8779.	6.3	33
100	Video Saliency Detection via Pairwise Interaction. Chinese Journal of Electronics, 2020, 29, 427-436.	1.5	1
101	Group Feedback Capsule Network. IEEE Transactions on Image Processing, 2020, 29, 6789-6799.	9.8	4
102	Spatial-Spectral Autoencoder Networks for Hyperspectral Unmixing. , 2020, , .		10
103	Hyperspectral Unmixing via Recurrent Neural Network With Chain Classifier. , 2020, , .		4
104	Structural Reweight Sparse Subspace Clustering. Neural Processing Letters, 2019, 49, 965-977.	3.2	11
105	Label Consistent Matrix Factorization Hashing for Large-Scale Cross-Modal Similarity Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2466-2479.	13.9	107
106	Multiview Clustering Based on Non-Negative Matrix Factorization and Pairwise Measurements. IEEE Transactions on Cybernetics, 2019, 49, 3333-3346.	9.5	69
107	Cross-Domain Face Sketch Synthesis. IEEE Access, 2019, 7, 98866-98874.	4.2	5
108	Adaptive robust principal component analysis. Neural Networks, 2019, 119, 85-92.	5.9	28

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109	Fusion global and local deep representations with neural attention for aesthetic quality assessment. Signal Processing: Image Communication, 2019, 78, 42-50.	3.2	10
110	Dual residual attention module network for single image super resolution. Neurocomputing, 2019, 364, 269-279.	5.9	19
111	Learning a Cascade Regression for No-Reference Super-Resolution Image Quality Assessment. , 2019, , .		5
112	Dual-alignment Feature Embedding for Cross-modality Person Re-identification. , 2019, , .		47
113	Improving Image Super-Resolution via Feature Re-Balancing Fusion. , 2019, , .		4
114	MFNN: Position and Attitude Measurement Neural Network Based on Multi-Feature Fusion. IEEE Access, 2019, 7, 109495-109505.	4.2	4
115	Person re-Identification with Gradual Background Suppression. , 2019, , .		7
116	A Gated Peripheral-Foveal Convolutional Neural Network for Unified Image Aesthetic Prediction. IEEE Transactions on Multimedia, 2019, 21, 2815-2826.	7.2	66
117	DLFace: Deep local descriptor for cross-modality face recognition. Pattern Recognition, 2019, 90, 161-171.	8.1	67
118	Deep Latent Low-Rank Representation for Face Sketch Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3109-3123.	11.3	39
119	Region-Based Multiview Sparse Hyperspectral Unmixing Incorporating Spectral Library. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1140-1144.	3.1	10
120	A Deep Collaborative Framework for Face Photo-to-Sketch Synthesis. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3096-3108.	11.3	46
121	Aurora Image Search With Saliency Deep Features. IEEE Access, 2019, 7, 65996-66006.	4.2	1
122	A novel joint dictionary framework for sparse hyperspectral unmixing incorporating spectral library. Neurocomputing, 2019, 356, 97-106.	5.9	4
123	BoSR: A CNN-based aurora image retrieval method. Neural Networks, 2019, 116, 188-197.	5.9	22
124	Diversified textual features based image retrieval. Neurocomputing, 2019, 357, 116-124.	5.9	6
125	Multi-scale Spatial-temporal Network for Person Re-identification. , 2019, , .		7
126	No-Reference Quality Assessment for View Synthesis Using DoG-Based Edge Statistics and Texture Naturalness. IEEE Transactions on Image Processing, 2019, 28, 4566-4579.	9.8	48



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127	Urban Observation: Integration of Remote Sensing and Social Media Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4252-4264.	4.9	22
128	Re-Ranking High-Dimensional Deep Local Representation for NIR-VIS Face Recognition. IEEE Transactions on Image Processing, 2019, 28, 4553-4565.	9.8	36
129	CNN with spatio-temporal information for fast suspicious object detection and recognition in THz security images. Signal Processing, 2019, 160, 202-214.	3.7	33
130	Flexible unsupervised feature extraction for image classification. Neural Networks, 2019, 115, 65-71.	5.9	38
131	Discovering Latent Topics by Gaussian Latent Dirichlet Allocation and Spectral Clustering. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-18.	4.3	8
132	An End-to-End Noise-Weakened Person Re-Identification and Tracking With Adaptive Partial Information. IEEE Access, 2019, 7, 20984-20995.	4.2	4
133	Perception-Preserving Convolutional Networks for Image Enhancement on Smartphones. Lecture Notes in Computer Science, 2019, , 197-213.	1.3	13
134	Deep Multi-scale Discriminative Networks for Double JPEG Compression Forensics. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-20.	4.5	15
135	Influence of significant target on image quality assessment via EEG. , 2019, , .		0
136	Un-Paired Real World Super-Resolution with Degradation Consistency. , 2019, , .		0
137	AIM 2019 Challenge on Constrained Super-Resolution: Methods and Results. , 2019, , .		35
138	NTIRE 2019 Challenge on Real Image Super-Resolution: Methods and Results. , 2019, , .		35
139	NTIRE 2019 Challenge on Image Enhancement: Methods and Results. , 2019, , .		25
140	AIM 2019 Challenge on Real-World Image Super-Resolution: Methods and Results. , 2019, , .		73
141	Non-Local Compressive Network for Hyperspectral and Multispectral Data Fusion. , 2019, , .		0
142	T-SCNN: A Two-Stage Convolutional Neural Network for Space Target Recognition. , 2019, , .		8
143	A Visual Residual Perception Optimized Network for Blind Image Quality Assessment. IEEE Access, 2019, 7, 176087-176098.	4.2	14
144	Lightweight Image Super-Resolution with Information Multi-distillation Network. , 2019, , .		445

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145	Asynchronous Tracking-by-Detection on Adaptive Time Surfaces for Event-based Object Tracking. , 2019, , .		16
146	Blind Video Quality Assessment With Weakly Supervised Learning and Resampling Strategy. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2244-2255.	8.3	62
147	Learning recurrent residual regressors for single image super-resolution. Signal Processing, 2019, 154, 324-337.	3.7	18
148	Dual-Transfer Face Sketchâ€“Photo Synthesis. IEEE Transactions on Image Processing, 2019, 28, 642-657.	9.8	62
149	Boundary constraint factor embedded localizing active contour model for medical image segmentation. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3853-3862.	4.9	10
150	The region based MMTD energy function for image segmentation. Multimedia Tools and Applications, 2019, 78, 16695-16726.	3.9	1
151	A spatiotemporal model of video quality assessment via 3D gradient differencing. Information Sciences, 2019, 478, 141-151.	6.9	14
152	Markov Random Fields Integrating Adaptive Interclass-Pair Penalty and Spectral Similarity for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2520-2534.	6.3	17
153	Image Classification Using Low-Rank Regularized Extreme Learning Machine. IEEE Access, 2019, 7, 877-883.	4.2	6
154	A Blind Stereoscopic Image Quality Evaluator With Segmented Stacked Autoencoders Considering the Whole Visual Perception Route. IEEE Transactions on Image Processing, 2019, 28, 1314-1328.	9.8	45
155	Data Augmentation-Based Joint Learning for Heterogeneous Face Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1731-1743.	11.3	48
156	Sparse graphical representation based discriminant analysis for heterogeneous face recognition. Signal Processing, 2019, 156, 46-61.	3.7	22
157	Hyperspectral image denoising via minimizing the partial sum of singular values and superpixel segmentation. Neurocomputing, 2019, 330, 465-482.	5.9	15
158	A Hybrid Level Set With Semantic Shape Constraint for Object Segmentation. IEEE Transactions on Cybernetics, 2019, 49, 1558-1569.	9.5	19
159	$\mathcal{R}_1$ -2-DPCA and Face Recognition. IEEE Transactions on Cybernetics, 2019, 49, 1212-1223.	9.5	44
160	An Attention-Guided Deep Regression Model for Landmark Detection in Cephalograms. Lecture Notes in Computer Science, 2019, , 540-548.	1.3	56
161	Graph and Autoencoder Based Feature Extraction for Zero-shot Learning. , 2019, , .		25
162	Multi-Margin based Decorrelation Learning for Heterogeneous Face Recognition. , 2019, , .		8

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163	Personalized Travel Recommendation via Multi-view Representation Learning. Lecture Notes in Computer Science, 2019, , 97-109.	1.3	1
164	Nuclei Perception Network for Pathology Image Analysis. Lecture Notes in Computer Science, 2019, , 540-551.	1.3	1
165	A Multi-resolution Coarse-to-Fine Segmentation Framework with Active Learning in 3D Brain MRI. Lecture Notes in Computer Science, 2019, , 285-298.	1.3	0
166	Unified Image Aesthetic Prediction via Scanpath-Guided Feature Aggregation Network. Communications in Computer and Information Science, 2019, , 259-271.	0.5	0
167	Face Photo-Sketch Synthesis via Knowledge Transfer. , 2019, , .		18
168	Beauty Aware Network. , 2019, , .		4
169	An ellipse extended target CBMeMber filter using gamma and box-particle implementation. Signal Processing, 2018, 149, 88-102.	3.7	19
170	SVM based multi-label learning with missing labels for image annotation. Pattern Recognition, 2018, 78, 307-317.	8.1	118
171	Discovering Latent Aspects for Diversity-Induced Image Retrieval. IEEE MultiMedia, 2018, 25, 19-33.	1.7	2
172	An Integrated Spatio-Spectralâ€‘Temporal Sparse Representation Method for Fusing Remote-Sensing Images With Different Resolutions. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 3358-3370.	6.3	33
173	\$ell_{2,p}\$ -Norm Based PCA for Image Recognition. IEEE Transactions on Image Processing, 2018, 27, 1336-1346.	9.8	83
174	Collaborative learning for hyperspectral image classification. Neurocomputing, 2018, 275, 2512-2524.	5.9	12
175	Compressed multi-scale feature fusion network for single image super-resolution. Signal Processing, 2018, 146, 50-60.	3.7	23
176	Composite components-based face sketch recognition. Neurocomputing, 2018, 302, 46-54.	5.9	43
177	Triplet-Based Deep Hashing Network for Cross-Modal Retrieval. IEEE Transactions on Image Processing, 2018, 27, 3893-3903.	9.8	306
178	Robust DLPP With Nongreedy \$ell_{1}\$ -Norm Minimization and Maximization. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 738-743.	11.3	25
179	Color pornographic image detection based on color-saliency preserved mixture deformable part model. Multimedia Tools and Applications, 2018, 77, 6629-6645.	3.9	10
180	Compositional Model-Based Sketch Generator in Facial Entertainment. IEEE Transactions on Cybernetics, 2018, 48, 904-915.	9.5	34

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181	Back projection: An effective postprocessing method for GAN-based face sketch synthesis. Pattern Recognition Letters, 2018, 107, 59-65.	4.2	65
182	Knowledge-Based Topic Model for Unsupervised Object Discovery and Localization. IEEE Transactions on Image Processing, 2018, 27, 50-63.	9.8	19
183	Anchored Neighborhood Index for Face Sketch Synthesis. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2154-2163.	8.3	64
184	Pornographic video detection with MapReduce. International Journal of Machine Learning and Cybernetics, 2018, 9, 2105-2115.	3.6	3
185	Facial feature point detection: A comprehensive survey. Neurocomputing, 2018, 275, 50-65.	5.9	124
186	Angle 2DPCA: A New Formulation for 2DPCA. IEEE Transactions on Cybernetics, 2018, 48, 1672-1678.	9.5	67
187	A parasitic metric learning net for breast mass classification based on mammography. Pattern Recognition, 2018, 75, 292-301.	8.1	79
188	Learning local dictionaries and similarity structures for single image super-resolution. Signal Processing, 2018, 142, 231-243.	3.7	21
189	Robust and Flexible Discrete Hashing for Cross-Modal Similarity Search. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 2703-2715.	8.3	84
190	Face sketch aging via aging oriented principal component analysis. Pattern Recognition Letters, 2018, 109, 65-71.	4.2	6
191	Aurora image search with contextual CNN feature. Neurocomputing, 2018, 281, 67-77.	5.9	21
192	Deep Convolutional Neural Networks for mental load classification based on EEG data. Pattern Recognition, 2018, 76, 582-595.	8.1	157
193	Random sampling for fast face sketch synthesis. Pattern Recognition, 2018, 76, 215-227.	8.1	104
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