

Xuelong Li

List of Publications by Year in Descending Order

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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.

709 papers	33,170 citations	93 h-index	151 g-index
763 ext. papers	40,129 ext. citations	6.4 avg, IF	8.14 L-index

#	Paper	IF	Citations
709	Robust Bi-Stochastic Graph Regularized Matrix Factorization for Data Clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022 , 44, 390-403	13.3	25
708	Adaptive-Order Proximity Learning for Graph-based Clustering. <i>Pattern Recognition</i> , 2022 , 108550	7.7	1
707	Multiview Clustering: A Scalable and Parameter-Free Bipartite Graph Fusion Method. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2022 , 44, 330-344	13.3	14
706	Self-weighting multi-view spectral clustering based on nuclear norm. <i>Pattern Recognition</i> , 2022 , 124, 108429	7.7	0
705	Robust doubly stochastic graph clustering. <i>Neurocomputing</i> , 2022 , 475, 15-25	5.4	
704	Entropy regularization for unsupervised clustering with adaptive neighbors. <i>Pattern Recognition</i> , 2022 , 125, 108517	7.7	2
703	Hierarchical multimodal transformer to summarize videos. <i>Neurocomputing</i> , 2022 , 468, 360-369	5.4	2
702	Knowledge tensor embedding framework with association enhancement for breast ultrasound diagnosis of limited labeled samples. <i>Neurocomputing</i> , 2022 , 468, 60-70	5.4	3
701	Locality Constrained Low Rank Representation and Automatic Dictionary Learning for Hyperspectral Anomaly Detection. <i>Remote Sensing</i> , 2022 , 14, 1327	5	0
700	Eagle-Eye-Inspired Attention for Object Detection in Remote Sensing. <i>Remote Sensing</i> , 2022 , 14, 1743	5	1
699	When multi-view classification meets ensemble learning. <i>Neurocomputing</i> , 2022 , 490, 17-29	5.4	0
698	A General Soft-Balanced Clustering Framework Based on a Novel Balance Regularizer. <i>Signal Processing</i> , 2022 , 108572	4.4	0
697	Large Graph Clustering With Simultaneous Spectral Embedding and Discretization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 4426-4440	13.3	11
696	Robust Matrix Factorization With Spectral Embedding. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5698-5707	10.3	2
695	Adaptive Flexible Optimal Graph for Unsupervised Dimensionality Reduction. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 2162-2166	3.2	2
694	Unsupervised Hyperspectral Band Selection Based on Hypergraph Spectral Clustering. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	1
693	Spatial-Spectral Hyperspectral Image Classification Via Multiple Random Anchor Graphs Ensemble Learning 2021 ,		1

692	Synchronous Fault-Tolerant Near-Optimal Control for Discrete-Time Nonlinear PE Game. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 4432-4444	10.3	2
691	Concept Factorization With Local Centroids. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5247-5253	10.3	1
690	Unsupervised and Semisupervised Projection With Graph Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 1547-1559	10.3	6
689	TTH-RNN: Tensor-Train Hierarchical Recurrent Neural Network for Video Summarization. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 3629-3637	8.9	18
688	Autoencoder Constrained Clustering With Adaptive Neighbors. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 443-449	10.3	16
687	Data Clustering via Uncorrelated Ridge Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 450-456	10.3	1
686	Denoising-Based Multiscale Feature Fusion for Remote Sensing Image Captioning. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 436-440	4.1	23
685	Vision-to-Language Tasks Based on Attributes and Attention Mechanism. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 913-926	10.2	11
684	A Fast Neighborhood Grouping Method for Hyperspectral Band Selection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 5028-5039	8.1	34
683	Compact Interchannel Sampling Difference Descriptor for Color Texture Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 31, 1684-1696	6.4	1
682	Robust Multi-Task Learning With Flexible Manifold Constraint. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 2150-2157	13.3	8
681	Style Transformation-Based Spatial-Spectral Feature Learning for Unsupervised Change Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-15	8.1	6
680	Low Rank Regularization: A review. <i>Neural Networks</i> , 2021 , 136, 218-232	9.1	13
679	Hyperspectral and Multispectral Image Fusion via Nonlocal Low-Rank Tensor Approximation and Sparse Representation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 550-562	8.1	20
678	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 5953-5965	8.1	33
677	Towards Robust Discriminative Projections Learning via Non-Greedy l-Norm MinMax. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , 43, 2086-2100	13.3	20
676	Reconstructive Sequence-Graph Network for Video Summarization. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	6
675	Unsupervised Feature Selection With Extended OLSDA via Embedding Nonnegative Manifold Structure. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	1

674	Tilt Correction Toward Building Detection of Remote Sensing Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 5854-5866	4.7	3
673	Hierarchical Edge Refinement Network for Saliency Detection. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 7567-7577	8.7	2
672	Spatio-Temporal Online Matrix Factorization for Multi-scale Moving Objects Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	2
671	Coordinate Descent Method for k-means. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	3
670	Triple discriminator generative adversarial network for zero-shot image classification. <i>Science China Information Sciences</i> , 2021 , 64, 1	3.4	4
669	Fast Fuzzy Clustering Based on Anchor Graph. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	1
668	Dense Prediction and Local Fusion of Superpixels: A Framework for Breast Anatomy Segmentation in Ultrasound Image With Scarce Data. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-8	5.2	7
667	Real-Time Video Emotion Recognition based on Reinforcement Learning and Domain Knowledge. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	15
666	Tolerating Data Missing in Breast Cancer Diagnosis from Clinical Ultrasound Reports via Knowledge Graph Inference 2021 ,		5
665	Simultaneous Segmentation of Fetal Hearts and Lungs for Medical Ultrasound Images via an Efficient Multi-scale Model Integrated With Attention Mechanism. <i>Ultrasonic Imaging</i> , 2021 , 43, 308-319	1.9	2
664	Robust hyperspectral unmixing based on dual views with adaptive weights. <i>Neurocomputing</i> , 2021 , 461, 204-216	5.4	0
663	Joint nonlinear feature selection and continuous values regression network. <i>Pattern Recognition Letters</i> , 2021 , 150, 197-206	4.7	1
662	Exploring the Relationship Between 2D/3D Convolution for Hyperspectral Image Super-Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 8693-8703	8.1	33
661	Density saliency for clustered building detection and population capacity estimation. <i>Neurocomputing</i> , 2021 , 458, 127-140	5.4	3
660	A semi-supervised zero-shot image classification method based on soft-target. <i>Neural Networks</i> , 2021 , 143, 88-96	9.1	1
659	Hyperspectral Unmixing Using Nonlocal Similarity-Regularized Low-Rank Tensor Factorization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	3
658	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	0
657	Adaptive Relationship Preserving Sparse NMF for Hyperspectral Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	6

656	Subspace Sparse Discriminative Feature Selection. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
655	Hyperspectral Band Selection via Optimal Neighborhood Reconstruction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 8465-8476	8.1	35
654	Mixed 2D/3D Convolutional Network for Hyperspectral Image Super-Resolution. <i>Remote Sensing</i> , 2020 , 12, 1660	5	34
653	Nonlocal Graph Convolutional Networks for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 8246-8257	8.1	79
652	Cross-diffusion on multiplex networks. <i>New Journal of Physics</i> , 2020 , 22, 053047	2.9	6
651	Enhanced Discrete Multi-modal Hashing: More Constraints yet Less Time to Learn. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	3
650	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	13
649	Multiple Features and Isolation Forest-Based Fast Anomaly Detector for Hyperspectral Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 6664-6676	8.1	15
648	Unsupervised Discriminative Projection for Feature Selection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	2
647	Deep reinforcement learning based lane detection and localization. <i>Neurocomputing</i> , 2020 , 413, 328-338	5.4	11
646	Cross-modal guidance based auto-encoder for multi-video summarization. <i>Pattern Recognition Letters</i> , 2020 , 135, 131-137	4.7	6
645	Low-rank discriminative regression learning for image classification. <i>Neural Networks</i> , 2020 , 125, 245-257	7.1	5
644	Auto-weighted multi-view clustering via spectral embedding. <i>Neurocomputing</i> , 2020 , 399, 369-379	5.4	14
643	Siamese Dilated Inception Hashing With Intra-Group Correlation Enhancement for Image Retrieval. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3032-3046	10.3	2
642	Auto-weighted multi-view co-clustering via fast matrix factorization. <i>Pattern Recognition</i> , 2020 , 102, 107207	7.7	25
641	Toward improving ECG biometric identification using cascaded convolutional neural networks. <i>Neurocomputing</i> , 2020 , 391, 83-95	5.4	32
640	Measurement of Quasi-Static 3-D Knee Joint Movement Based on the Registration From CT to US. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020 , 67, 1141-1150	3.2	4
639	Self-Weighted Clustering With Adaptive Neighbors. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3428-3441	10.3	7

638	Adaptive Hashing With Sparse Matrix Factorization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4318-4329	10.3	8
637	Segmentation of breast ultrasound image with semantic classification of superpixels. <i>Medical Image Analysis</i> , 2020 , 61, 101657	15.4	65
636	Fast Semi-Supervised Learning With Optimal Bipartite Graph. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	0
635	Quantifying and Detecting Collective Motion in Crowd Scenes. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	12
634	Multi-view K-Means Clustering with Adaptive Sparse Memberships and Weight Allocation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	6
633	Convex Non-Negative Matrix Factorization With Adaptive Graph for Unsupervised Feature Selection. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
632	Looking Closer at the Scene: Multiscale Representation Learning for Remote Sensing Image Scene Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	35
631	Unsupervised Feature Selection With Constrained ℓ_0 -Norm and Optimized Graph. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	6
630	Word-Sentence Framework for Remote Sensing Image Captioning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 1-12	8.1	14
629	Noise Removal in Embedded Image with Bit Approximation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	1
628	Semisupervised Band Selection With Graph Optimization for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 1-14	8.1	3
627	Supervised deep hashing with a joint deep network. <i>Pattern Recognition</i> , 2020 , 105, 107368	7.7	12
626	Double explosive transitions to synchronization and cooperation in intertwined dynamics and evolutionary games. <i>New Journal of Physics</i> , 2020 , 22, 123026	2.9	5
625	Supervised Dimensionality Reduction Methods via Recursive Regression. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3269-3279	10.3	9
624	Discriminative and Uncorrelated Feature Selection With Constrained Spectral Analysis in Unsupervised Learning. <i>IEEE Transactions on Image Processing</i> , 2020 , 29, 2139-2149	8.7	13
623	Adaptive Robust Low-Rank 2-D Reconstruction With Steerable Sparsity. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3754-3759	10.3	1
622	Robust Flexible Preserving Embedding. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4495-4507	10.2	11
621	Property-Constrained Dual Learning for Video Summarization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 3989-4000	10.3	16

620	High-Level Semantic Networks for Multi-Scale Object Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 3372-3386	6.4	31
619	SRSC: Selective, Robust, and Supervised Constrained Feature Representation for Image Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4290-4302	10.3	21
618	Detection of Small Aerial Object Using Random Projection Feature With Region Clustering. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
617	Classification of breast ultrasound with human-rating BI-RADS scores using mined diagnostic patterns and optimized neuro-network. <i>Neurocomputing</i> , 2020 , 417, 536-542	5.4	2
616	Learning Cross-Modal Common Representations by Private-Shared Subspaces Separation. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	7
615	. <i>IEEE Transactions on Multimedia</i> , 2020 , 1-1	6.6	5
614	Hierarchical Feature Fusion Network for Salient Object Detection. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	20
613	Projective Double Reconstructions Based Dictionary Learning Algorithm for Cross-Domain Recognition. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	6
612	Regularized Regression With Fuzzy Membership Embedding for Unsupervised Feature Selection. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	4
611	OpenMRE: A Numerical Platform for MRE Study. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 1111-1121	7.3	2
610	Spectral Clustering by Joint Spectral Embedding and Spectral Rotation. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 247-258	10.2	24
609	Double Relaxed Regression for Image Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 307-319	6.4	11
608	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 728-738	4.2	39
607	Multiview Semi-Supervised Learning Model for Image Classification. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 2389-2400	4.2	14
606	Video Summarization With Attention-Based EncoderDecoder Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2020 , 30, 1709-1717	6.4	87
605	Parameter-Free Weighted Multi-View Projected Clustering with Structured Graph Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 2014-2025	4.2	22
604	Automated Trading Point Forecasting Based on Bicluster Mining and Fuzzy Inference. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 259-272	8.3	7
603	Multi-view spectral clustering via integrating nonnegative embedding and spectral embedding. <i>Information Fusion</i> , 2020 , 55, 251-259	16.7	41

602	Meta Learning for Task-Driven Video Summarization. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 5778-5786	8.9	9
601	Truncated Robust Principle Component Analysis with A General Optimization Framework. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , PP,	13.3	5
600	Unsupervised Feature Selection via Adaptive Graph Learning and Constraint. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	6
599	CAM-RNN: Co-Attention Model Based RNN for Video Captioning. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 5552-5565	8.7	51
598	A Classification-Based Model for Multi-Objective Hyperspectral Sparse Unmixing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 9612-9625	8.1	20
597	The effect of multigame on cooperation in spatial network. <i>Applied Mathematics and Computation</i> , 2019 , 351, 162-167	2.7	20
596	Fusion by synthesizing: A multi-view deep neural network for zero-shot recognition. <i>Signal Processing</i> , 2019 , 164, 354-367	4.4	7
595	Deep smoke segmentation. <i>Neurocomputing</i> , 2019 , 357, 248-260	5.4	31
594	Scalable Graph-Based Clustering With Nonnegative Relaxation for Large Hyperspectral Image. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 7352-7364	8.1	35
593	Weakly Supervised Adversarial Domain Adaptation for Semantic Segmentation in Urban Scenes. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 4376-4386	8.7	122
592	Unsupervised Deep Noise Modeling for Hyperspectral Image Change Detection. <i>Remote Sensing</i> , 2019 , 11, 258	5	52
591	An Efficient Clustering Method for Hyperspectral Optimal Band Selection via Shared Nearest Neighbor. <i>Remote Sensing</i> , 2019 , 11, 350	5	18
590	Automatic ultrasound scanning system based on robotic arm. <i>Science China Information Sciences</i> , 2019 , 62, 1	3.4	3
589	Determination of Temporal Stock Investment Styles via Biclustering Trading Patterns. <i>Cognitive Computation</i> , 2019 , 11, 799-808	4.4	2
588	Co-occurrence matching of local binary patterns for improving visual adaption and its application to smoke recognition. <i>IET Computer Vision</i> , 2019 , 13, 178-187	1.4	6
587	Multi-video summarization with query-dependent weighted archetypal analysis. <i>Neurocomputing</i> , 2019 , 332, 406-416	5.4	8
586	A Bilinear Ranking SVM for Knowledge Based Relation Prediction and Classification. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 588-600	3.2	2
585	Describing Video With Attention-Based Bidirectional LSTM. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2631-2641	10.2	98

584	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 3-13	8.1	258
583	Does being multi-headed make you better at solving problems? A survey of Physarum-based models and computations. <i>Physics of Life Reviews</i> , 2019 , 29, 1-26	2.1	30
582	Efficient Feature Selection via $\ell_{2,0}$ -norm Constrained Sparse Regression. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 31, 880-893	4.2	29
581	Semisupervised Learning With Parameter-Free Similarity of Label and Side Information. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 405-414	10.3	11
580	From Deterministic to Generative: Multimodal Stochastic RNNs for Video Captioning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3047-3058	10.3	121
579	Spectral Embedded Adaptive Neighbors Clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1265-1271	10.3	76
578	Flexible Affinity Matrix Learning for Unsupervised and Semisupervised Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1133-1149	10.3	23
577	Locality and Structure Regularized Low Rank Representation for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 911-923	8.1	153
576	Structurally Incoherent Low-Rank 2DLPP for Image Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 1701-1714	6.4	16
575	K-Multiple-Means 2019 ,		26
574	Semantic Descriptions of High-Resolution Remote Sensing Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 1274-1278	4.1	51
573	Physarum inspires research beyond biomimetic algorithms: Reply to comments on "Does being multi-headed make you better at solving problems?". <i>Physics of Life Reviews</i> , 2019 , 29, 51-54	2.1	2
572	Scoliotic Imaging With a Novel Double-Sweep 2.5-Dimensional Extended Field-of-View Ultrasound. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019 , 66, 1304-1315	3.2	9
571	An efficient framework for unsupervised feature selection. <i>Neurocomputing</i> , 2019 , 366, 194-207	5.4	9
570	Stacked Fisher autoencoder for SAR change detection. <i>Pattern Recognition</i> , 2019 , 96, 106971	7.7	37
569	Weather recognition via classification labels and weather-cue maps. <i>Pattern Recognition</i> , 2019 , 95, 272-284	7.7	15
568	Spatiotemporal interest point detector exploiting appearance and motion-variation information. <i>Journal of Electronic Imaging</i> , 2019 , 28, 1	0.7	1
567	Latent Elastic-Net Transfer Learning. <i>IEEE Transactions on Image Processing</i> , 2019 ,	8.7	9

566	Exploiting spatial relation for fine-grained image classification. <i>Pattern Recognition</i> , 2019 , 91, 47-55	7.7	24
565	A Multi-Task Architecture for Remote Sensing by Joint Scene Classification and Image Quality Assessment 2019 ,		1
564	Hierarchical Shot Detector 2019 ,		33
563	Triply Supervised Decoder Networks for Joint Detection and Segmentation 2019 ,		32
562	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 4940-4950	4.7	55
561	Deeply Encoding Stable Patterns From Contaminated Data for Scenery Image Recognition. <i>IEEE Transactions on Cybernetics</i> , 2019 ,	10.2	2
560	Bidirectional adaptive feature fusion for remote sensing scene classification. <i>Neurocomputing</i> , 2019 , 328, 135-146	5.4	24
559	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 973-985	6.6	47
558	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 1155-1167	8.1	297
557	Robust Subspace Clustering by Cauchy Loss Function. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2067-2078	10.3	27
556	Joint Learning of Fuzzy k-Means and Nonnegative Spectral Clustering With Side Information. <i>IEEE Transactions on Image Processing</i> , 2019 , 28, 2152-2162	8.7	25
555	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3211-3221	6.4	31
554	Query-aware sparse coding for web multi-video summarization. <i>Information Sciences</i> , 2019 , 478, 152-166	7.7	24
553	Unsupervised Feature Selection via Adaptive Multimeasure Fusion. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2886-2892	10.3	21
552	Robotic Arm Based Automatic Ultrasound Scanning for Three-Dimensional Imaging. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 1173-1182	11.9	60
551	Bi-Phase Evolutionary Searching for Biclusters in Gene Expression Data. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 803-814	15.6	8
550	Self-Tuned Discrimination-Aware Method for Unsupervised Feature Selection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2275-2284	10.3	6
549	Multiscale Symmetric Dense Micro-Block Difference for Texture Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3583-3594	6.4	23

548	Feature selection with multi-view data: A survey. <i>Information Fusion</i> , 2019 , 50, 158-167	16.7	107
547	Generalized Uncorrelated Regression with Adaptive Graph for Unsupervised Feature Selection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1587-1595	10.3	57
546	Face Sketch Synthesis by Multidomain Adversarial Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1419-1428	10.3	31
545	A Hybrid Level Set With Semantic Shape Constraint for Object Segmentation. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1558-1569	10.2	14
544	Low-Rank 2-D Neighborhood Preserving Projection for Enhanced Robust Image Representation. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1859-1872	10.2	35
543	Long-Short-Term Features for Dynamic Scene Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 1038-1047	6.4	15
542	Canonical Correlation Analysis With L2,1-Norm for Multiview Data Representation. <i>IEEE Transactions on Cybernetics</i> , 2019 ,	10.2	9
541	Cascaded Subpatch Networks for Effective CNNs. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 2684-2694	10.3	18
540	Hypergraph dominant set based multi-video summarization. <i>Signal Processing</i> , 2018 , 148, 114-123	4.4	13
539	Rank- 2-D Multinomial Logistic Regression for Matrix Data Classification. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3524-3537	10.3	7
538	Discovery of trading points based on Bayesian modeling of trading rules. <i>World Wide Web</i> , 2018 , 21, 1473-1490	14.902	1
537	. <i>IEEE Transactions on Multimedia</i> , 2018 , 20, 1101-1112	6.6	25
536	Structure preserving unsupervised feature selection. <i>Neurocomputing</i> , 2018 , 301, 36-45	5.4	21
535	Weakly Supervised Object Detection via Object-Specific Pixel Gradient. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5960-5970	10.3	28
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