

Jiao Licheng

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.

490 papers	8,528 citations	45 h-index	70 g-index
552 ext. papers	10,715 ext. citations	4.6 avg, IF	6.97 L-index

#	Paper	IF	Citations
490	Automatic Graph Learning Convolutional Networks for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 60, 1-16	8.1	3
489	Feature Split-Merge-Enhancement Network for Remote Sensing Object Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	9
488	Dynamic Graph-Level Neural Network for SAR Image Change Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1	2
487	Spatial Pooling Graph Convolutional Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	4
486	A Neural Network Based on Consistency Learning and Adversarial Learning for Semi-supervised Synthetic Aperture Radar Ship Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	1
485	A Lightweight Top-Down Multi-Person Pose Estimation Method Based on Symmetric Transformation and Global Matching. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
484	Few-Shot Hyperspectral Image Classification Based on Adaptive Subspaces and Feature Transformation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	3
483	Multiobjective guided divide-and-conquer network for hyperspectral pansharpening. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	3
482	Hyperspectral Image Classification Based on Superpixel Feature Subdivision and Adaptive Graph Structure. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 60, 1-15	8.1	1
481	Heterogeneous Transformer Learning Framework for RS Scene Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022 , 15, 2223-2239	4.7	9
480	Max-Index Based Local Self-Similarity Descriptor for Robust Multi-Modal Image Registration. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1	6
479	Electromagnetic Signal Classification Based on Class Exemplar Selection and Multi-Objective Linear Programming. <i>Remote Sensing</i> , 2022 , 14, 1177	5	0
478	SMD-Net: Siamese Multi-Scale Difference-Enhancement Network for Change Detection in Remote Sensing. <i>Remote Sensing</i> , 2022 , 14, 1580	5	0
477	Dual Modality Collaborative Learning for Cross-Source Remote Sensing Retrieval. <i>Remote Sensing</i> , 2022 , 14, 1319	5	1
476	Lightweight Multilevel Feature Fusion Network for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2022 , 14, 79	5	3
475	Sparse Feature Clustering Network for Unsupervised SAR Image Change Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	1
474	Class-Level Prototype Guided Multiscale Feature Learning for Remote Sensing Scene Classification With Limited Labels. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 60, 1-15	8.1	1

473	A Collaborative Correlation-Matching Network for Multimodality Remote Sensing Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 60, 1-18	8.1	
472	Self-Distillation Feature Learning Network for Optical and SAR Image Registration. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	3
471	Dual-Graph Global and Local Concept Factorization for Data Clustering. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , 1-14	10.3	
470	Very Low-Resolution Moving Vehicle Detection in Satellite Videos. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	0
469	MANet: Multi-scale Aware-relation Network for Semantic Segmentation in Aerial Scenes. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022 , 1-1	8.1	2
468	ViT-YOLO:Transformer-Based YOLO for Object Detection 2021 ,		16
467	Reconstruction Error-based Decomposition Feature Selection for PolSAR Image. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	
466	Adaptive Fuzzy Learning Superpixels Representation for PolSAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	
465	Attention-Guided Siamese Fusion Network for Change Detection of Remote Sensing Images. <i>Remote Sensing</i> , 2021 , 13, 4597	5	3
464	Hyperspectral Imagery Classification Based on Contrastive Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	15
463	Meta-hashing for Remote Sensing Image Retrieval. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	6
462	A Spatial-Channel Collaborative Attention Network for Enhancement of Multiresolution Classification. <i>Remote Sensing</i> , 2021 , 13, 106	5	6
461	SigNet: A Novel Deep Learning Framework for Radio Signal Classification. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	4
460	SAR Image Registration Based on ROEWA-Blocks and Multiscale Circle Descriptor. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 1-1	4.7	0
459	MRTA: Multi-Resolution Training Algorithm for Multitemporal Semantic Change Detection 2021 ,		2
458	DO-UNet, DO-LinkNet: UNet, D-LinkNet with DO-Conv for the Detection of Settlements without Electricity Challenge 2021 ,		2
457	Multisource Data Fusion for the Detection of Settlements Without Electricity 2021 ,		2
456	High-Resolution Remote Sensing Images Change Detection with Siamese Holistically-Guided FCN 2021 ,		2

455	Remote Scene Image Scene Classification Based on Adaptive Segmentation and Dynamic Graph Convolution 2021 ,		2
454	Object Detection in Large-Scale Remote-Sensing Images Based on Time-Frequency Analysis and Feature Optimization. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	1
453	Representative Learning via Span-Based Mutual Information for PolSAR Image Classification. <i>Remote Sensing</i> , 2021 , 13, 1609	5	2
452	GRS-Det: An Anchor-Free Rotation Ship Detector Based on Gaussian-Mask in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 3518-3531	8.1	24
451	Deep Hash Learning for Remote Sensing Image Retrieval. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 3420-3443	8.1	29
450	Analytical Study on a 700 V Triple RESURF LDMOS With a Variable High-K Dielectric Trench. <i>IEEE Transactions on Electron Devices</i> , 2021 , 68, 2872-2878	2.9	3
449	A Lightweight Keypoint-Based Oriented Object Detection of Remote Sensing Images. <i>Remote Sensing</i> , 2021 , 13, 2459	5	3
448	Cost-Sensitive Latent Space Learning for Imbalanced PolSAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 4802-4817	8.1	4
447	Multi-Scale Fused SAR Image Registration Based on Deep Forest. <i>Remote Sensing</i> , 2021 , 13, 2227	5	3
446	Sparse Nonnegative Matrix Factorization for Hyperspectral Unmixing Based on Endmember Independence and Spatial Weighted Abundance. <i>Remote Sensing</i> , 2021 , 13, 2348	5	2
445	A Deep Detection Network Based on Interaction of Instance Segmentation and Object Detection for SAR Images. <i>Remote Sensing</i> , 2021 , 13, 2582	5	16
444	Residual Spectral Spatial Attention Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 449-462	8.1	111
443	Selective Adversarial Adaptation-Based Cross-Scene Change Detection Framework in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 2188-2203	8.1	11
442	Attention Multibranch Convolutional Neural Network for Hyperspectral Image Classification Based on Adaptive Region Search. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 5054-5070	8.1	29
441	Change Detection in SAR Images Using Multiobjective Optimization and Ensemble Strategy. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 1585-1589	4.1	7
440	Hyperspectral Image Classification Based on 3-D Octave Convolution With Spatial Spectral Attention Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 2430-2447	8.1	53
439	DeepReceiver: A Deep Learning-Based Intelligent Receiver for Wireless Communications in the Physical Layer. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 7, 5-20	6.6	9
438	Efficient Convolutional Neural Architecture Search for Remote Sensing Image Scene Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 6092-6105	8.1	15

437	Large-Scale Semantic 3-D Reconstruction: Outcome of the 2019 IEEE GRSS Data Fusion Contest Part B. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 1158-1170	4.7	10
436	A Novel Adaptive Hybrid Fusion Network for Multiresolution Remote Sensing Images Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-17	8.1	4
435	A Self-Adaptive Response Strategy for Dynamic Multiobjective Evolutionary Optimization Based on Objective Space Decomposition. <i>Evolutionary Computation</i> , 2021 , 29, 491-519	4.3	0
434	New Optimization Method Based on Neural Networks for Designing Radar Waveforms With Good Correlation Properties. <i>IEEE Access</i> , 2021 , 9, 91314-91323	3.5	0
433	Remote Sensing Image Super-Resolution via Dual-Resolution Network Based on Connected Attention Mechanism. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	2
432	An Unsupervised Remote Sensing Change Detection Method Based on Multiscale Graph Convolutional Network and Metric Learning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-15	8.1	13
431	A Lightweight Spectral-Spatial Convolution Module for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	9
430	Hyperspectral Image Classification Based on Deep Attention Graph Convolutional Network. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	21
429	Dual-Channel Capsule Generation Adversarial Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	14
428	Foreground Refinement Network for Rotated Object Detection in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	3
427	SAR Image Segmentation Based on Constrained Smoothing and Hierarchical Label Correction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	4
426	Network Pruning for Remote Sensing Images Classification Based on Interpretable CNNs. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-15	8.1	3
425	Attention Consistent Network for Remote Sensing Scene Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 2030-2045	4.7	40
424	Hyperspectral Image Classification With Mixed Link Networks. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 2494-2507	4.7	11
423	Polarimetric Multipath Convolutional Neural Network for PolSAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-18	8.1	2
422	A Decomposition-Based Evolutionary Algorithm with Correlative Selection Mechanism for Many-Objective Optimization. <i>Evolutionary Computation</i> , 2021 , 29, 269-304	4.3	1
421	Recurrent Attention and Semantic Gate for Remote Sensing Image Captioning. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	4
420	Cross-Layer Attention Network for Small Object Detection in Remote Sensing Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021 , 14, 2148-2161	4.7	16

419	Deep Reinforcement Learning for Semisupervised Hyperspectral Band Selection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-19	8.1	16
418	Dual-Collaborative Fusion Model for Multispectral and Panchromatic Image Fusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-15	8.1	7
417	Spectral-Difference Low-Rank Representation Learning for Hyperspectral Anomaly Detection. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	12
416	A Hybrid Network With Structural Constraints for SAR Image Scene Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-17	8.1	2
415	Background Representation Learning With Structural Constraint for Hyperspectral Anomaly Detection. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	0
414	N-Cluster Loss and Hard Sample Generative Deep Metric Learning for PolSAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-16	8.1	
413	Laplacian Feature Pyramid Network for Object Detection in VHR Optical Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	7
412	Nonlinear Projective Dictionary Pair Learning for PolSAR Image Classification. <i>IEEE Access</i> , 2021 , 9, 70650-70661	5.3	0
411	Spectral Partitioning Residual Network With Spatial Attention Mechanism for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	14
410	MBLT: Learning Motion and Background for Vehicle Tracking in Satellite Videos. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-15	8.1	3
409	A Multi-Scale Spatial Attention Region Proposal Network for High-Resolution Optical Remote Sensing Imagery. <i>Remote Sensing</i> , 2021 , 13, 3362	5	5
408	Graph Convolutional Neural Networks with Geometric and Discrimination information. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 104, 104364	7.2	4
407	Few-shot electromagnetic signal classification: A data union augmentation method. <i>Chinese Journal of Aeronautics</i> , 2021 ,	3.7	3
406	NAS-Guided Lightweight Multiscale Attention Fusion Network for Hyperspectral Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 8754-8767	8.1	16
405	Nonoverlapped Sampling for Hyperspectral Imagery: Performance Evaluation and a Cotraining-Based Classification Strategy. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	
404	Ridgelet-Nets With Speckle Reduction Regularization for SAR Image Scene Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-17	8.1	4
403	Remote Sensing Object Tracking With Deep Reinforcement Learning Under Occlusion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	6
402	Multitask Semantic Boundary Awareness Network for Remote Sensing Image Segmentation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	20

401	ARIDet: An Accurate and Real-Time Rotational One-Stage Ship Detector in Remote Sensing Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	4
400	A Mutual Information-Based Self-Supervised Learning Model for PolSAR Land Cover Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-14	8.1	11
399	Superpixel Boundary-Based Edge Description Algorithm for SAR Image Segmentation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 1972-1985	4.7	13
398	Fuzzy Superpixels Based Semi-Supervised Similarity-Constrained CNN for PolSAR Image Classification. <i>Remote Sensing</i> , 2020 , 12, 1694	5	7
397	Sketch-Based Region Adaptive Sparse Unmixing Applied to Hyperspectral Image. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 8840-8856	8.1	6
396	SAR Image Segmentation Using Region Smoothing and Label Correction. <i>Remote Sensing</i> , 2020 , 12, 803	5	9
395	A Convolutional Neural Network with Parallel Multi-Scale Spatial Pooling to Detect Temporal Changes in SAR Images. <i>Remote Sensing</i> , 2020 , 12, 1619	5	8
394	Self-Supervised Representation Learning for Remote Sensing Image Change Detection Based on Temporal Prediction. <i>Remote Sensing</i> , 2020 , 12, 1868	5	19
393	Multi-scale Adaptive Feature Fusion Network for Semantic Segmentation in Remote Sensing Images. <i>Remote Sensing</i> , 2020 , 12, 872	5	35
392	A Multi-Level Attention Model for Remote Sensing Image Captions. <i>Remote Sensing</i> , 2020 , 12, 939	5	10
391	Hyperspectral Image Super-Resolution Based on Tensor Spatial-Spectral Joint Correlation Regularization. <i>IEEE Access</i> , 2020 , 8, 63654-63665	3.5	1
390	SSCV-GANs: Semi-Supervised Complex-Valued GANs for PolSAR Image Classification. <i>IEEE Access</i> , 2020 , 8, 146560-146576	3.5	1
389	Deep Feature-Based Multitask Joint Sparse Representation for Hyperspectral Image Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 1578-1582	4.1	1
388	Modified Tensor Distance-Based Multiview Spectral Embedding for PolSAR Land Cover Classification. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 2095-2099	4.1	6
387	Structure Label Matrix Completion for PolSAR Image Classification. <i>Remote Sensing</i> , 2020 , 12, 459	5	
386	Double feature selection algorithm based on low-rank sparse non-negative matrix factorization. <i>International Journal of Machine Learning and Cybernetics</i> , 2020 , 11, 1891-1908	3.8	4
385	Regularized Sparse Band Selection via Learned Pairwise Agreement. <i>IEEE Access</i> , 2020 , 8, 40096-40105	3.5	
384	POL-SAR Image Classification Based on Modified Stacked Autoencoder Network and Data Distribution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 1678-1695	8.1	13

383	Application of Data Driven Optimization for Change Detection in Synthetic Aperture Radar Images. <i>IEEE Access</i> , 2020 , 8, 11426-11436	3.5	5
382	Hyperspectral imagery classification with cascaded support vector machines and multi-scale superpixel segmentation. <i>International Journal of Remote Sensing</i> , 2020 , 41, 4530-4550	3.1	9
381	Dense connection and depthwise separable convolution based CNN for polarimetric SAR image classification. <i>Knowledge-Based Systems</i> , 2020 , 194, 105542	7.3	41
380	A Distribution and Structure Match Generative Adversarial Network for SAR Image Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 3864-3880	8.1	13
379	Online Active Extreme Learning Machine With Discrepancy Sampling for PolSAR Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 2027-2041	8.1	8
378	PolSAR Feature Extraction Via Tensor Embedding Framework for Land Cover Classification. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 2337-2351	8.1	11
377	RADet: Refine Feature Pyramid Network and Multi-Layer Attention Network for Arbitrary-Oriented Object Detection of Remote Sensing Images. <i>Remote Sensing</i> , 2020 , 12, 389	5	44
376	Quantum Optimization and Quantum Learning: A Survey. <i>IEEE Access</i> , 2020 , 8, 23568-23593	3.5	20
375	Anchor-Free Single Stage Detector in Remote Sensing Images Based on Multiscale Dense Path Aggregation Feature Pyramid Network. <i>IEEE Access</i> , 2020 , 8, 63121-63133	3.5	12
374	Generative Adversarial Networks Based on Collaborative Learning and Attention Mechanism for Hyperspectral Image Classification. <i>Remote Sensing</i> , 2020 , 12, 1149	5	48
373	Lightweight convolutional neural network for bitemporal SAR image change detection. <i>Journal of Applied Remote Sensing</i> , 2020 , 14, 1	1.4	3
372	A Lightweight Convolutional Neural Network for Bitemporal Image Change Detection 2020 ,		4
371	Supervised Adaptive-RPN Network for Object Detection in Remote Sensing Images 2020 ,		1
370	Remote Sensing Scene Classification Based on Global and Local Consistent Network 2020 ,		1
369	Object Detection in High-Resolution Panchromatic Images Using Deep Models and Spatial Template Matching. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 956-970	8.1	14
368	Unsupervised EA-Based Fuzzy Clustering for Image Segmentation. <i>IEEE Access</i> , 2020 , 8, 8627-8647	3.5	4
367	Fully Convolutional Network-Based Ensemble Method for Road Extraction From Aerial Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 1777-1781	4.1	23
366	Hyperspectral Imagery Classification Based on Compressed Convolutional Neural Network. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 1583-1587	4.1	6

365	Multi-Feature Weighted Sparse Graph for SAR Image Analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 881-891	8.1	5
364	Semisupervised Classification of PolSAR Image Incorporating Labels Semantic Priors. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 1737-1741	4.1	3
363	Hyperspectral Anomaly Detection Based on Low-Rank Representation With Data-Driven Projection and Dictionary Construction. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 2226-2239	4.7	14
362	Semantic Segmentation for SAR Image Based on Texture Complexity Analysis and Key Superpixels. <i>Remote Sensing</i> , 2020 , 12, 2141	5	8
361	Multi-Resolution Prediction Model Based on Community Relevance for Missing Links Prediction. <i>IEEE Access</i> , 2020 , 8, 113981-113993	3.5	0
360	Background Subtraction Based on GAN and Domain Adaptation for VHR Optical Remote Sensing Videos. <i>IEEE Access</i> , 2020 , 8, 119144-119157	3.5	7
359	A Multiscale Self-Adaptive Attention Network for Remote Sensing Scene Classification. <i>Remote Sensing</i> , 2020 , 12, 2209	5	7
358	SAR Image Speckle Reduction based on a Generative Adversarial Network 2020 ,		2
357	Scene Attention Mechanism for Remote Sensing Image Caption Generation 2020 ,		7
356	RadioImage Transformer: Bridging Radio Modulation Classification and ImageNet Classification. <i>Electronics (Switzerland)</i> , 2020 , 9, 1646	2.6	1
355	A Two-Stage Evolutionary Fuzzy Clustering Framework for Noisy Image Segmentation. <i>IEEE Access</i> , 2020 , 8, 186663-186678	3.5	1
354	Discriminative Sketch Topic Model With Structural Constraint for SAR Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 5730-5745	4.7	6
353	Quantum-Inspired Evolutionary Algorithm for Convolutional Neural Networks Architecture Search 2020 ,		3
352	Hyperspectral Image Classification via Slice Sparse Coding Tensor Based Classifier With Compressive Dimensionality Reduction. <i>IEEE Access</i> , 2020 , 8, 145207-145215	3.5	1
351	Building Extraction of Aerial Images by a Global and Multi-Scale Encoder-Decoder Network. <i>Remote Sensing</i> , 2020 , 12, 2350	5	28
350	Superjunction LDMOS With Dual Gate for Low On-Resistance and High Transconductance. <i>IEEE Journal of the Electron Devices Society</i> , 2020 , 8, 890-896	2.3	9
349	A Unified Scalable Equivalent Formulation for Schatten Quasi-Norms. <i>Mathematics</i> , 2020 , 8, 1325	2.3	1
348	VR-SGD: A Simple Stochastic Variance Reduction Method for Machine Learning. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 32, 188-202	4.2	25

- 347 Hyper-Parameter Optimization Using MARS Surrogate for Machine-Learning Algorithms. *IEEE Transactions on Emerging Topics in Computational Intelligence*, **2020**, 4, 287-297 4.1 6
- 346 SAR Image Change Detection via Spatial Metric Learning With an Improved Mahalanobis Distance. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 77-81 4.1 10
- 345 Complex GaussianBayesian Online Dictionary Learning for SAR Target Recognition with Limited Labeled Samples. *IEEE Access*, **2019**, 7, 120626-120637 3.5 3
- 344 A Survey of Deep Learning-Based Object Detection. *IEEE Access*, **2019**, 7, 128837-128868 3.5 310
- 343 SpectralSpatial Hyperspectral Image Classification Using Cascaded Markov Random Fields. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 4861-4872 4.7 7
- 342 Rotation-Based Deep Forest for Hyperspectral Imagery Classification. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 1105-1109 4.1 16
- 341 Fusion Methods for CNN-Based Automatic Modulation Classification. *IEEE Access*, **2019**, 7, 66496-66504 3.5 59
- 340 Fast Sparse Deep Neural Networks: Theory and Performance Analysis. *IEEE Access*, **2019**, 7, 74040-74055 3.5 3
- 339 Adaptive Multiscale Deep Fusion Residual Network for Remote Sensing Image Classification. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 8506-8521 8.1 36
- 338 Fast Semisupervised Classification Using Histogram-Based Density Estimation for Large-Scale Polarimetric SAR Data. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 1844-1848 4.1 8
- 337 Aerial Image Road Extraction Based on an Improved Generative Adversarial Network. *Remote Sensing*, **2019**, 11, 930 5 31
- 336 CNN-Based Multilayer SpatialSpectral Feature Fusion and Sample Augmentation With Local and Nonlocal Constraints for Hyperspectral Image Classification. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 1299-1313 4.7 54
- 335 Color Correction and Depth-Based Hierarchical Hole Filling in Free Viewpoint Generation. *IEEE Transactions on Broadcasting*, **2019**, 65, 294-307 4.7 3
- 334 Change Detection in Remote Sensing Images Based on Image Mapping and a Deep Capsule Network. *Remote Sensing*, **2019**, 11, 626 5 31
- 333 Adversarial Reconstruction-Classification Networks for PolSAR Image Classification. *Remote Sensing*, **2019**, 11, 415 5 5
- 332 Divide-and-Conquer Dual-Architecture Convolutional Neural Network for Classification of Hyperspectral Images. *Remote Sensing*, **2019**, 11, 484 5 12
- 331 Transferred Deep Learning-Based Change Detection in Remote Sensing Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 6960-6973 8.1 47
- 330 A Semi-Supervised CNN With Fuzzy Rough C-Mean for Image Classification. *IEEE Access*, **2019**, 7, 49641-49652 3.5 6

329	Semi-Supervised Deep Fuzzy C-Mean Clustering for Imbalanced Multi-Class Classification. <i>IEEE Access</i> , 2019 , 7, 28100-28112	3.5	27
328	Multimodal Remote Sensing Image Registration Based on Image Transfer and Local Features. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 1210-1214	4.1	27
327	Classification of Hyperspectral Images Based on Multiclass SpatialSpectral Generative Adversarial Networks. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 5329-5343	8.1	79
326	How Can Despeckling and Structural Features Benefit to Change Detection on Bitemporal SAR Images?. <i>Remote Sensing</i> , 2019 , 11, 421	5	10
325	Complex-Valued Convolutional Autoencoder and Spatial Pixel-Squares Refinement for Polarimetric SAR Image Classification. <i>Remote Sensing</i> , 2019 , 11, 522	5	11
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