

Xiangchao Meng

List of Publications by Year in descending order

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1095
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Low-Rank Spatial Features for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
2	A Band Divide-and-Conquer Multispectral and Hyperspectral Image Fusion Method. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	35
3	A Blind Full-Resolution Quality Evaluation Method for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	12
4	SARF: A Simple, Adjustable, and Robust Fusion Method. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	5
5	Low-Rank and Sparse Representation for Hyperspectral Image Processing: A review. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 10-43.	9.6	94
6	A Multiscale Spectral Features Graph Fusion Method for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	18
7	Monocular and Binocular Interactions Oriented Deformable Convolutional Networks for Blind Quality Assessment of Stereoscopic Omnidirectional Images. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3407-3421.	8.3	9
8	A Locally Optimized Model for Hyperspectral and Multispectral Images Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	20
9	MLR-DBPFN: A Multi-Scale Low Rank Deep Back Projection Fusion Network for Anti-Noise Hyperspectral and Multispectral Image Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	41
10	PSTAF-GAN: Progressive Spatio-Temporal Attention Fusion Method Based on Generative Adversarial Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	8
11	Vision Transformer for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	28
12	CGMDRNet: Cross-Guided Modality Difference Reduction Network for RGB-T Salient Object Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6308-6323.	8.3	29
13	Mapping Coastal Wetlands Using Transformer in Transformer Deep Network on China ZY1-02D Hyperspectral Satellite Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3891-3903.	4.9	32
14	VSOIQE: A Novel Viewport-Based Stitched 360° Omnidirectional Image Quality Evaluator. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6557-6572.	8.3	10
15	A Dual Global-Local Attention Network for Hyperspectral Band Selection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	22
16	A Blind Full Resolution Assessment Method for Pansharpened Images Based on Multistream Collaborative Learning. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	4
17	Spatio-Temporal Spectral Collaborative Learning for Spatio-Temporal Fusion with Land Cover Changes. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	11
18	Generalized Linear Spectral Mixing Model for Spatial-Temporal Spectral Fusion. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	21

#	ARTICLE	IF	CITATIONS
19	A Large-Scale Benchmark Data Set for Evaluating Pansharpening Performance: Overview and Implementation. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 18-52.	9.6	92
20	A Label Similarity Probability Filter for Hyperspectral Image Postclassification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 6897-6905.	4.9	12
21	Collaborative Coupled Hyperspectral Unmixing Based Subpixel Change Detection for Analyzing Coastal Wetlands. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8208-8224.	4.9	13
22	A large-scale remote sensing database for subjective and objective quality assessment of pansharpened images. Journal of Visual Communication and Image Representation, 2020, 73, 102947.	2.8	5
23	Fusing China GF-5 Hyperspectral Data with GF-1, GF-2 and Sentinel-2A Multispectral Data: Which Methods Should Be Used?. Remote Sensing, 2020, 12, 882.	4.0	36
24	A SAR-to-Optical Image Translation Method Based on Conditional Generation Adversarial Network (cGAN). IEEE Access, 2020, 8, 60338-60343.	4.2	38
25	Building Stereoscopic Zoomer via Global and Local Warping Optimization. IEEE Transactions on Computational Imaging, 2020, 6, 1622-1635.	4.4	1
26	Review of the pansharpening methods for remote sensing images based on the idea of meta-analysis: Practical discussion and challenges. Information Fusion, 2019, 46, 102-113.	19.1	214
27	Sparse Representation for No-Reference Quality Assessment of Satellite Stereo Images. IEEE Access, 2019, 7, 106295-106306.	4.2	6
28	No-Reference Quality Assessment for Pansharpened Images via Opinion-Unaware Learning. IEEE Access, 2019, 7, 40388-40401.	4.2	14
29	An Integrated Method for Reconstructing Daily MODIS Land Surface Temperature Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1026-1040.	4.9	42
30	Fine Classification Comparison of GF-1 GF-5 and Landsat-8 Remote Sensing Data Based on Optimized Sample Selection Method. , 2019, , .		0
31	Investigating GF-5 Hyperspectral and GF-1 Multispectral Data Fusion Methods for Multitemporal Change Analysis. , 2019, , .		1
32	Pansharpening for Cloud-Contaminated Very High-Resolution Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2840-2854.	6.3	54
33	A Multiscale and Multidepth Convolutional Neural Network for Remote Sensing Imagery Pan-Sharpener. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 978-989.	4.9	374
34	An Integrated Framework for the Spatio-temporal Spectral Fusion of Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 7135-7148.	6.3	242
35	Hyperspectral Image Super-Resolution by Spectral Mixture Analysis and Spatial Spectral Group Sparsity. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1250-1254.	3.1	72
36	A unified framework for spatio-temporal-spectral fusion of remote sensing images. , 2015, , .		12