

Ying Fu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

810
citations

687363

13
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713466

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27
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27
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	HyperReconNet: Joint Coded Aperture Optimization and Image Reconstruction for Compressive Hyperspectral Imaging. IEEE Transactions on Image Processing, 2019, 28, 2257-2270.	9.8	112
2	3-D Quasi-Recurrent Neural Network for Hyperspectral Image Denoising. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 363-375.	11.3	103
3	Hyperspectral Image Super-Resolution With Optimized RGB Guidance. , 2019, , .		61
4	Exploiting Spectral-Spatial Correlation for Coded Hyperspectral Image Restoration. , 2016, , .		55
5	Bidirectional 3D Quasi-Recurrent Neural Network for Hyperspectral Image Super-Resolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2674-2688.	4.9	47
6	Adaptive Spatial-Spectral Dictionary Learning for Hyperspectral Image Restoration. International Journal of Computer Vision, 2017, 122, 228-245.	15.6	45
7	Spectral Reflectance Recovery From a Single RGB Image. IEEE Transactions on Computational Imaging, 2018, 4, 382-394.	4.4	40
8	Hyperspectral Image Reconstruction Using Deep External and Internal Learning. , 2019, , .		38
9	Joint Camera Spectral Response Selection and Hyperspectral Image Recovery. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 256-272.	13.9	38
10	Joint Camera Spectral Sensitivity Selection and Hyperspectral Image Recovery. Lecture Notes in Computer Science, 2018, , 812-828.	1.3	37
11	Hyperspectral Image Super-Resolution With a Mosaic RGB Image. IEEE Transactions on Image Processing, 2018, 27, 5539-5552.	9.8	31
12	Coded Hyperspectral Image Reconstruction using Deep External and Internal Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	27
13	Fast Parallel Implementation of Dual-Camera Compressive Hyperspectral Imaging System. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3404-3414.	8.3	23
14	Deep plug-and-play prior for hyperspectral image restoration. Neurocomputing, 2022, 481, 281-293.	5.9	23
15	Global Topology Constraint Network for Fine-Grained Vehicle Recognition. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2918-2929.	8.0	21
16	Low-rank Bayesian tensor factorization for hyperspectral image denoising. Neurocomputing, 2019, 331, 412-423.	5.9	17
17	Separating Reflective and Fluorescent Components Using High Frequency Illumination in the Spectral Domain. , 2013, , .		15
18	Hyperspectral Image Denoising with Realistic Data. , 2021, , .		14

#	ARTICLE	IF	CITATIONS
19	Efficient Hybrid Supervision for Instance Segmentation in Aerial Images. Remote Sensing, 2021, 13, 252.	4.0	12
20	Reflectance and Fluorescent Spectra Recovery Based on Fluorescent Chromaticity Invariance under Varying Illumination. , 2014, , .		10
21	Spectral reflectance recovery using optimal illuminations. Optics Express, 2019, 27, 30502.	3.4	10
22	Image restoration from patch-based compressed sensing measurement. Neurocomputing, 2019, 340, 145-157.	5.9	8
23	Translation of Aerial Image Into Digital Map via Discriminative Segmentation and Creative Generation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	6
24	CSR-Net: Camera Spectral Response Network for Dimensionality Reduction and Classification in Hyperspectral Imagery. Remote Sensing, 2020, 12, 3294.	4.0	5
25	Joint Spatial-Spectral Pattern Optimization and Hyperspectral Image Reconstruction. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 636-648.	10.8	5
26	Global relative position space based pooling for fine-grained vehicle recognition. Neurocomputing, 2019, 367, 287-298.	5.9	4
27	A large-scale hyperspectral dataset for flower classification. Knowledge-Based Systems, 2022, 236, 107647.	7.1	3