

# Ying Fu

## List of Publications by Year in descending order

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27  
papers

810  
citations

687363

13  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

510  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Joint Camera Spectral Response Selection and Hyperspectral Image Recovery. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 256-272.	13.9	38
3	A large-scale hyperspectral dataset for flower classification. Knowledge-Based Systems, 2022, 236, 107647.	7.1	3
4	Deep plug-and-play prior for hyperspectral image restoration. Neurocomputing, 2022, 481, 281-293.	5.9	23
5	Joint Spatial-Spectral Pattern Optimization and Hyperspectral Image Reconstruction. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 636-648.	10.8	5
6	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
7	Efficient Hybrid Supervision for Instance Segmentation in Aerial Images. Remote Sensing, 2021, 13, 252.	4.0	12
8	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
9	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
10	Hyperspectral Image Denoising with Realistic Data. , 2021, , .		14
11	Global Topology Constraint Network for Fine-Grained Vehicle Recognition. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2918-2929.	8.0	21
12	CSR-Net: Camera Spectral Response Network for Dimensionality Reduction and Classification in Hyperspectral Imagery. Remote Sensing, 2020, 12, 3294.	4.0	5
13	Global relative position space based pooling for fine-grained vehicle recognition. Neurocomputing, 2019, 367, 287-298.	5.9	4
14	Image restoration from patch-based compressed sensing measurement. Neurocomputing, 2019, 340, 145-157.	5.9	8
15	Hyperspectral Image Super-Resolution With Optimized RGB Guidance. , 2019, , .		61
16	Hyperspectral Image Reconstruction Using Deep External and Internal Learning. , 2019, , .		38
17	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
18	Low-rank Bayesian tensor factorization for hyperspectral image denoising. Neurocomputing, 2019, 331, 412-423.	5.9	17

#	ARTICLE	IF	CITATIONS
19	HyperReconNet: Joint Coded Aperture Optimization and Image Reconstruction for Compressive Hyperspectral Imaging. IEEE Transactions on Image Processing, 2019, 28, 2257-2270.	9.8	112
20	Spectral reflectance recovery using optimal illuminations. Optics Express, 2019, 27, 30502.	3.4	10
21	Hyperspectral Image Super-Resolution With a Mosaic RGB Image. IEEE Transactions on Image Processing, 2018, 27, 5539-5552.	9.8	31
22	Spectral Reflectance Recovery From a Single RGB Image. IEEE Transactions on Computational Imaging, 2018, 4, 382-394.	4.4	40
23	Joint Camera Spectral Sensitivity Selection and Hyperspectral Image Recovery. Lecture Notes in Computer Science, 2018, , 812-828.	1.3	37
24	Adaptive Spatial-Spectral Dictionary Learning for Hyperspectral Image Restoration. International Journal of Computer Vision, 2017, 122, 228-245.	15.6	45
25	Exploiting Spectral-Spatial Correlation for Coded Hyperspectral Image Restoration. , 2016, , .		55
26	Reflectance and Fluorescent Spectra Recovery Based on Fluorescent Chromaticity Invariance under Varying Illumination. , 2014, , .		10
27	Separating Reflective and Fluorescent Components Using High Frequency Illumination in the Spectral Domain. , 2013, , .		15