

Deyu Meng

List of Publications by Year in descending order

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471061

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docs citations

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times ranked

6271
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparsity-Enhanced Convolutional Decomposition: A Novel Tensor-Based Paradigm for Blind Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	32
2	Deep Spatial-Spectral Global Reasoning Network for Hyperspectral Image Denoising. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	49
3	PanCSC-Net: A Model-Driven Deep Unfolding Method for Pansharpening. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	28
4	A deep variational Bayesian framework for blind image deblurring. Knowledge-Based Systems, 2022, 249, 109008.	4.0	5
5	Structural residual learning for single image rain removal. Knowledge-Based Systems, 2021, 213, 106595.	4.0	19
6	Infrared and Visible Cross-Modal Image Retrieval Through Shared Features. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 4485-4496.	5.6	15
7	Learning An Explicit Weighting Scheme for Adapting Complex HSI Noise. , 2021, , .		7
8	TSASNet: Tooth segmentation on dental panoramic X-ray images by Two-Stage Attention Segmentation Network. Knowledge-Based Systems, 2020, 206, 106338.	4.0	66
9	Color and direction-invariant nonlocal self-similarity prior and its application to color image denoising. Science China Information Sciences, 2020, 63, 1.	2.7	6
10	Remote Sensing Image Denoising via Low-Rank Tensor Approximation and Robust Noise Modeling. Remote Sensing, 2020, 12, 1278.	1.8	12
11	Hyperspectral Image Classification With Convolutional Neural Network and Active Learning. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4604-4616.	2.7	214
12	Single Image Deraining Using Bilateral Recurrent Network. IEEE Transactions on Image Processing, 2020, 29, 6852-6863.	6.0	65
13	Momentum Batch Normalization for Deep Learning with Small Batch Size. Lecture Notes in Computer Science, 2020, , 224-240.	1.0	19
14	Dual Adversarial Network: Toward Real-World Noise Removal and Noise Generation. Lecture Notes in Computer Science, 2020, , 41-58.	1.0	90
15	Few-Example Object Detection with Model Communication. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1641-1654.	9.7	104
16	Progressive Image Deraining Networks: A Better and Simpler Baseline. , 2019, , .		470
17	Infrared small-dim target detection based on Markov random field guided noise modeling. Pattern Recognition, 2018, 76, 463-475.	5.1	143
18	Hyperspectral Image Classification With Markov Random Fields and a Convolutional Neural Network. IEEE Transactions on Image Processing, 2018, 27, 2354-2367.	6.0	252

#	ARTICLE	IF	CITATIONS
19	Iterative quality enhancement via residual-artifact learning networks for low-dose CT. Physics in Medicine and Biology, 2018, 63, 215004.	1.6	31
20	Beyond a Gaussian Denoiser: Residual Learning of Deep CNN for Image Denoising. IEEE Transactions on Image Processing, 2017, 26, 3142-3155.	6.0	4,738
21	Integration of 3-dimensional discrete wavelet transform and Markov random field for hyperspectral image classification. Neurocomputing, 2017, 226, 90-100.	3.5	87
22	Weighted Nuclear Norm Minimization and Its Applications to Low Level Vision. International Journal of Computer Vision, 2017, 121, 183-208.	10.9	566
23	Robust low-rank tensor factorization by cyclic weighted median. Science China Information Sciences, 2015, 58, 1-11.	2.7	7
24	Robust sparse principal component analysis. Science China Information Sciences, 2014, 57, 1-14.	2.7	13
25	Infrared Patch-Image Model for Small Target Detection in a Single Image. IEEE Transactions on Image Processing, 2013, 22, 4996-5009.	6.0	658
26	Robust Matrix Factorization with Unknown Noise. , 2013, , .		137