Shuang Xu

List of Publications by Year
in descending order

		758635	794141
23	610	12	19
papers	citations	h-index	g-index
23	23	23	351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep Gradient Projection Networks for Pan-sharpening. , 2021, , .		85
2	Bayesian fusion for infrared and visible images. Signal Processing, 2020, 177, 107734.	2.1	72
3	DIDFuse: Deep Image Decomposition for Infrared and Visible Image Fusion. , 2020, , .		66
4	Efficient and Model-Based Infrared and Visible Image Fusion via Algorithm Unrolling. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1186-1196.	5.6	63
5	Identifying important nodes by adaptive LeaderRank. Physica A: Statistical Mechanics and Its Applications, 2017, 469, 654-664.	1.2	46
6	HAM-MFN: Hyperspectral and Multispectral Image Multiscale Fusion Network With RAP Loss. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4618-4628.	2.7	43
7	PercepPan: Towards Unsupervised Pan-Sharpening Based on Perceptual Loss. Remote Sensing, 2020, 12, 2318.	1.8	32
8	Spectral Learning Algorithm Reveals Propagation Capability of Complex Networks. IEEE Transactions on Cybernetics, 2019, 49, 4253-4261.	6.2	26
9	Towards Reducing Severe Defocus Spread Effects for Multi-Focus Image Fusion via an Optimization Based Strategy. IEEE Transactions on Computational Imaging, 2020, 6, 1561-1570.	2.6	23
10	A novel variational Bayesian method for variable selection in logistic regression models. Computational Statistics and Data Analysis, 2019, 133, 1-19.	0.7	21
11	MFIF-GAN: A new generative adversarial network for multi-focus image fusion. Signal Processing: Image Communication, 2021, 96, 116295.	1.8	20
12	Iterative Neighbour-Information Gathering for Ranking Nodes in Complex Networks. Scientific Reports, 2017, 7, 41321.	1.6	19
13	Bayesian deep matrix factorization network for multiple images denoising. Neural Networks, 2020, 123, 420-428.	3.3	19
14	Spectral coarse grained controllability of complex networks. Physica A: Statistical Mechanics and Its Applications, 2017, 478, 168-176.	1.2	13
15	FGF-GAN: A Lightweight Generative Adversarial Network for Pansharpening via Fast Guided Filter. , 2021, , .		13
16	Variational Bayesian weighted complex network reconstruction. Information Sciences, 2020, 521, 291-306.	4.0	12
17	A model-driven network for guided image denoising. Information Fusion, 2022, 85, 60-71.	11.7	10
18	Coarse graining of complex networks: A k-means clustering approach. , 2016, , .		9

#	Article	IF	Citations
19	Identification of influential spreaders in bipartite networks:A singular value decomposition approach. Physica A: Statistical Mechanics and Its Applications, 2019, 513, 297-306.	1.2	6
20	Robust CP Tensor Factorization With Skew Noise. IEEE Signal Processing Letters, 2020, 27, 785-789.	2.1	5
21	Robust sparse regression by modeling noise as a mixture of gaussians. Journal of Applied Statistics, 2019, 46, 1738-1755.	0.6	4
22	CondenseNet with exclusive lasso regularization. Neural Computing and Applications, 2021, 33, 16197-16212.	3.2	2
23	Inverse Projection Representation and Category Contribution Rate for Robust Tumor Recognition. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 17, 1-1.	1.9	1