Ricardo Borsoi

List of Publications by Year
in descending order

27	640	759233 12	794594 19
papers	citations	h-index	g-index

28	28	28	407
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kalman Filtering and Expectation Maximization for Multitemporal Spectral Unmixing. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	9
2	Model-Based Deep Autoencoder Networks for Nonlinear Hyperspectral Unmixing. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	13
3	Graph Topology Inference With Derivative-Reproducing Property in RKHS: Algorithm and Convergence Analysis. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 78-91.	2.8	1
4	Hyperspectral Super-resolution Accounting for Spectral Variability: Coupled Tensor LL1-Based Recovery and Blind Unmixing of the Unknown Super-resolution Image. SIAM Journal on Imaging Sciences, 2022, 15, 110-138.	2.2	10
5	Robust parameter strategy for Wiener-based binaural noise reduction methods in hearing aids. Biomedical Signal Processing and Control, 2022, 74, 103461.	5.7	1
6	Deep Generative Models for Library Augmentation in Multiple Endmember Spectral Mixture Analysis. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1831-1835.	3.1	16
7	Online Kernel-Based Graph Topology Identification with Partial-Derivative-Imposed Sparsity. , 2021, , .		3
8	Fast Unmixing and Change Detection in Multitemporal Hyperspectral Data. IEEE Transactions on Computational Imaging, 2021, 7, 975-988.	4.4	10
9	Coupled Tensor Decomposition for Hyperspectral and Multispectral Image Fusion With Inter-Image Variability. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 702-717.	10.8	34
10	Convergence Analysis of the Graph-Topology-Inference Kernel LMS Algorithm. , 2021, , .		2
11	A Homogeneity-Based Multiscale Hyperspectral Image Representation for Sparse Spectral Unmixing. , 2021, , .		3
12	Spectral Variability in Hyperspectral Data Unmixing: A comprehensive review. IEEE Geoscience and Remote Sensing Magazine, 2021, 9, 223-270.	9.6	92
13	Super-Resolution for Hyperspectral and Multispectral Image Fusion Accounting for Seasonal Spectral Variability. IEEE Transactions on Image Processing, 2020, 29, 116-127.	9.8	78
14	Deep Generative Endmember Modeling: An Application to Unsupervised Spectral Unmixing. IEEE Transactions on Computational Imaging, 2020, 6, 374-384.	4.4	68
15	Online Graph Topology Inference with Kernels For Brain Connectivity Estimation. , 2020, , .		7
16	A Blind Multiscale Spatial Regularization Framework for Kernel-Based Spectral Unmixing. IEEE Transactions on Image Processing, 2020, 29, 4965-4979.	9.8	17
17	Robust online video super-resolution using an efficient alternating projections scheme. Signal Processing, 2020, 172, 107575.	3.7	2
18	A Data Dependent Multiscale Model for Hyperspectral Unmixing With Spectral Variability. IEEE Transactions on Image Processing, 2020, 29, 3638-3651.	9.8	29

#	Article	IF	Citations
19	Low-Rank Tensor Modeling for Hyperspectral Unmixing Accounting for Spectral Variability. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 1833-1842.	6.3	43
20	A New Adaptive Video Super-Resolution Algorithm With Improved Robustness to Innovations. IEEE Transactions on Image Processing, 2019, 28, 673-686.	9.8	12
21	Improved Hyperspectral Unmixing with Endmember Variability Parametrized Using an Interpolated Scaling Tensor. , 2019, , .		10
22	A Fast Multiscale Spatial Regularization for Sparse Hyperspectral Unmixing. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 598-602.	3.1	76
23	On the Performance and Implementation of Parallax Free Video See-Through Displays. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2011-2022.	4.4	4
24	Generalized Linear Mixing Model Accounting for Endmember Variability. , 2018, , .		54
25	A Low-Rank Tensor Regularization Strategy for Hyperspectral Unmixing. , 2018, , .		18
26	Super-resolution reconstruction of electrical impedance tomography images. Computers and Electrical Engineering, 2018, 69, 1-13.	4.8	26
27	A new adaptive video SRR algorithm with improved robustness to innovations. , 2017, , .		2