

Joan Duran

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of pansharpening methods with a new band-decoupled variational model. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 125, 78-105.	11.1	71
2	A Nonlocal Variational Model for Pansharpening Image Fusion. SIAM Journal on Imaging Sciences, 2014, 7, 761-796.	2.2	69
3	Self-Similarity and Spectral Correlation Adaptive Algorithm for Color Demosaicking. IEEE Transactions on Image Processing, 2014, 23, 4031-4040.	9.8	52
4	Collaborative Total Variation: A General Framework for Vectorial TV Models. SIAM Journal on Imaging Sciences, 2016, 9, 116-151.	2.2	51
5	Chambolle's Projection Algorithm for Total Variation Denoising. Image Processing on Line, 0, 3, 311-331.	0.0	45
6	Restoration of Pansharpened Images by Conditional Filtering in the PCA Domain. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 442-446.	3.1	17
7	CFA Video Denoising and Demosaicking Chain via Spatio-Temporal Patch-Based Filtering. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4143-4157.	8.3	11
8	A Demosaicking Algorithm with Adaptive Inter-Channel Correlation. Image Processing on Line, 0, 5, 311-327.	0.0	11
9	Half-linear regularization for nonconvex image restoration models. Inverse Problems and Imaging, 2015, 9, 337-370.	1.1	9
10	Implementation of Nonlocal Pansharpening Image Fusion. Image Processing on Line, 0, 4, 1-15.	0.0	9
11	Motion-Compensated Spatio-Temporal Filtering for Multi-Image and Multimodal Super-Resolution. International Journal of Computer Vision, 2019, 127, 1474-1500.	15.6	8
12	On the Implementation of Collaborative TV Regularization: Application to Cartoon+Texture Decomposition. Image Processing on Line, 0, 6, 27-74.	0.0	6
13	Joint Denoising and Demosaicking of Raw Video Sequences. , 2018, , .		4
14	Variational Fusion of Hyperspectral Data by Non-Local Filtering. Mathematics, 2021, 9, 1265.	2.2	3
15	An algorithm for nonconvex functional minimization and applications to image restoration. , 2014, , .		1
16	Filtering and Interpolation of Inaccurate and Incomplete Depth Maps. , 2018, , .		1
17	Variational Densification and Refinement of Registration Maps. SIAM Journal on Imaging Sciences, 2021, 14, 879-912.	2.2	1
18	Flow Based Video Super-Resolution with Spatio-temporal Patch Similarity. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Pansharpening by a nonlocal channel-decoupled variational method. , 2016, , .		0
20	A Variational Formulation for Hyperspectral and Multispectral Image Fusion. , 2018, , .		0
21	Nonlocal Regularizing Constraints in Variational Optical Flow. , 2017, , .		0