Fang Li

List of Publications by Year
in descending order

37 papers	968 citations	623734 14 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	791 citing authors

#	Article	IF	Citations
1	IDPCNN: Iterative denoising and projecting CNN for MRI reconstruction. Journal of Computational and Applied Mathematics, 2022, 406, 113973.	2.0	15
2	Truncated Residual Based Plug-and-Play ADMM Algorithm for MRI Reconstruction. IEEE Transactions on Computational Imaging, 2022, 8, 96-108.	4.4	13
3	Contrast preserving decolorization based on the weighted normalized L1 norm. Multimedia Tools and Applications, 2021, 80, 31753-31782.	3.9	4
4	Blind motion deconvolution for binary images. Journal of Computational and Applied Mathematics, 2021, 393, 113500.	2.0	0
5	An iterative decoupled method with weighted nuclear norm minimization for image restoration. International Journal of Computer Mathematics, 2020, 97, 602-623.	1.8	6
6	A Novel Retinex-Based Fractional-Order Variational Model for Images With Severely Low Light. IEEE Transactions on Image Processing, 2020, 29, 3239-3253.	9.8	58
7	Structural Similarity-Based Nonlocal Variational Models for Image Restoration. IEEE Transactions on Image Processing, 2019, 28, 4260-4272.	9.8	21
8	Image colorization by using graph bi-Laplacian. Advances in Computational Mathematics, 2019, 45, 1521-1549.	1.6	6
9	Denoising convolutional neural network with mask for salt and pepper noise. IET Image Processing, 2019, 13, 2604-2613.	2.5	17
10	A detail preserving variational model for image Retinex. Applied Mathematical Modelling, 2019, 68, 643-661.	4.2	17
11	Regularized iterative Weiner filter method for blind image deconvolution. Journal of Computational and Applied Mathematics, 2018, 336, 425-438.	2.0	7
12	Convex blind image deconvolution with inverse filtering. Inverse Problems, 2018, 34, 035003.	2.0	8
13	Image colourisation by non‐local total variation method in the CB and YIQ colour spaces. IET Image Processing, 2018, 12, 620-628.	2.5	5
14	A PDE‐based head visualization method with CT data. Computer Animation and Virtual Worlds, 2017, 28, e1683.	1.2	4
15	Robust fuzzy local information and ‐norm distance‐based image segmentation method. IET Image Processing, 2017, 11, 217-226.	2.5	12
16	A Decoupled method for image inpainting with patch-based low rank regulariztion. Applied Mathematics and Computation, 2017, 314, 334-348.	2.2	6
17	A Multiphase Image Segmentation Based on Fuzzy Membership Functions and L1-Norm Fidelity. Journal of Scientific Computing, 2016, 69, 82-106.	2.3	24
18	Unsupervised change detection in SAR images using curvelet and L1-norm based soft segmentation. International Journal of Remote Sensing, 2016, 37, 3232-3254.	2.9	11

#	Article	IF	Citations
19	A New Algorithm Framework for Image Inpainting in Transform Domain. SIAM Journal on Imaging Sciences, 2016, 9, 24-51.	2.2	8
20	A Combination of the Total Variation Filter and a Fourth-Order Filter for Image Registration. Mathematical Problems in Engineering, 2015, 2015, 1-16.	1.1	2
21	An efficient nonconvex regularization for wavelet frame and total variation based image restoration. Journal of Computational and Applied Mathematics, 2015, 290, 553-566.	2.0	22
22	Pan-sharpening of multi-spectral images using a new variational model. International Journal of Remote Sensing, 2015, 36, 1484-1508.	2.9	15
23	A Variational Approach for Image Decolorization by Variance Maximization. SIAM Journal on Imaging Sciences, 2014, 7, 944-968.	2.2	17
24	A Universal Variational Framework for Sparsity-Based Image Inpainting. IEEE Transactions on Image Processing, 2014, 23, 4242-4254.	9.8	34
25	A New Adaptive Weighted Mean Filter for Removing Salt-and-Pepper Noise. IEEE Signal Processing Letters, 2014, 21, 1280-1283.	3.6	172
26	Image Restoration via Tight Frame Regularization and Local Constraints. Journal of Scientific Computing, 2013, 57, 349-371.	2.3	5
27	A variational method for multisource remote-sensing image fusion. International Journal of Remote Sensing, 2013, 34, 2470-2486.	2.9	14
28	A novel algorithm for color image denoising based on the CB color model. , 2013, , .		1
29	Lagrangian multipliers and split Bregman methods for minimization problems constrained on. Journal of Visual Communication and Image Representation, 2012, 23, 1041-1050.	2.8	4
30	Coupled segmentation and denoising/deblurring models for hyperspectral material identification. Numerical Linear Algebra With Applications, 2012, 19, 153-173.	1.6	44
31	Fast image inpainting and colorization by Chambolle's dual method. Journal of Visual Communication and Image Representation, 2011, 22, 529-542.	2.8	13
32	Multiphase Soft Segmentation with Total Variation and H 1 Regularization. Journal of Mathematical Imaging and Vision, 2010, 37, 98-111.	1.3	37
33	A two-stage method for oil slick segmentation. International Journal of Remote Sensing, 2010, 31, 4217-4226.	2.9	1
34	A Multiphase Image Segmentation Method Based on Fuzzy Region Competition. SIAM Journal on Imaging Sciences, 2010, 3, 277-299.	2.2	100
35	A Fast ell1-TV Algorithm for Image Restoration. SIAM Journal of Scientific Computing, 2009, 31, 2322-2341.	2.8	62
36	Image restoration combining a total variational filter and a fourth-order filter. Journal of Visual Communication and Image Representation, 2007, 18, 322-330.	2.8	169

#	ARTICLE	IF	CITATIONS
37	A New Diffusion-Based Variational Model for Image Denoising and Segmentation. Journal of Mathematical Imaging and Vision, 2006, 26, 115-125.	1.3	14