P Jidesh

List of Publications by Year
in descending order

47	239	1040056	1199594
papers	citations	9 h-index	12 g-index

48	48	48	156
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification and Morphology Studies of Nanoporous Alumina Membranes: A New Algorithm for Digital Image Processing. Microscopy and Microanalysis, 2013, 19, 1061-1072.	0.4	20
2	Non-local total variation regularization models for image restoration. Computers and Electrical Engineering, 2018, 67, 114-133.	4.8	15
3	Image despeckling with non-local total bounded variation regularization. Computers and Electrical Engineering, 2018, 70, 631-646.	4.8	14
4	Fabrication of Nanoporous Alumina and Their Structural Characteristics Study Using SEM Image Processing and Analysis. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 369-375.	0.6	13
5	A convex regularization model for image restoration. Computers and Electrical Engineering, 2014, 40, 66-78.	4.8	11
6	Shock coupled fourth-order diffusion for image enhancement. Computers and Electrical Engineering, 2012, 38, 1262-1277.	4.8	10
7	Adaptive non-local level-set model for despeckling and deblurring of synthetic aperture radar imagery. International Journal of Remote Sensing, 2018, 39, 6540-6556.	2.9	10
8	Non-local total variation regularization approach for image restoration under a Poisson degradation. Journal of Modern Optics, 2018, 65, 2231-2242.	1.3	10
9	Classification of Multiple Retinal Disorders from Enhanced Fundus Images Using Semi-supervised GAN. SN Computer Science, 2022, 3, 1.	3.6	10
10	A holistic deep learning approach for identification and classification of sub-solid lung nodules in computed tomographic scans. Computers and Electrical Engineering, 2020, 84, 106626.	4.8	8
11	Despeckling and enhancement of ultrasound images using non-local variational framework. Visual Computer, 2022, 38, 1413-1426.	3.5	8
12	A time-dependent switching anisotropic diffusion model for denoising and deblurring images. Journal of Modern Optics, 2012, 59, 140-156.	1.3	7
13	Estimation of Noise Using Non-local Regularization Frameworks for Image Denoising and Analysis. Arabian Journal for Science and Engineering, 2019, 44, 3425-3437.	3.0	7
14	A Retinex-Based Variational Model for Enhancement and Restoration of Low-Contrast Remote-Sensed Images Corrupted by Shot Noise. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 941-949.	4.9	7
15	Curvature driven diffusion coupled with shock for image enhancement/reconstruction. International Journal of Signal and Imaging Systems Engineering, 2011, 4, 238.	0.6	6
16	Gauss curvature-driven image inpainting for image reconstruction. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2014, 37, 122-133.	1.1	6
17	Image despeckling and deblurring via regularized complex diffusion. Signal, Image and Video Processing, 2017, 11, 977-984.	2.7	6
18	Noise classification and automatic restoration system using non-local regularization frameworks. Imaging Science Journal, 2018, 66, 479-491.	0.5	6

#	ARTICLE	IF	CITATIONS
19	A nonlocal deep image prior model to restore optical coherence tomographic images from gamma distributed speckle noise. Journal of Modern Optics, 2021, 68, 1002-1017.	1.3	6
20	Detection of retinal disorders from OCT images using generative adversarial networks. Multimedia Tools and Applications, 2022, 81, 29609-29631.	3.9	6
21	Inverse Free Iterative Methods for Nonlinear Ill-Posed Operator Equations. International Journal of Mathematics and Mathematical Sciences, 2014, 2014, 1-8.	0.7	5
22	A fully-automated system for identification and classification of subsolid nodules in lung computed tomographic scans. Biomedical Signal Processing and Control, 2019, 53, 101586.	5.7	5
23	A Complex Diffusion Driven Approach for Removing Data-Dependent Multiplicative Noise. Lecture Notes in Computer Science, 2013, , 284-289.	1.3	5
24	Geometric transform invariant Brain-MR image analysis for tumor detection. , 2013, , .		4
25	A derivative free iterative method for the implementation of Lavrentiev regularization method for ill-posed equations. Numerical Algorithms, 2015, 68, 289-304.	1.9	4
26	A retinex based non-local total generalized variation framework for OCT image restoration. Biomedical Signal Processing and Control, 2022, 71, 103234.	5.7	4
27	A Perceptually Inspired Variational Model for Enhancing and Restoring Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 251-255.	3.1	3
28	An Image Dehazing Model considering Multiplicative Noise and Sensor Blur. Journal of Computational Engineering, 2014, 2014, 1-9.	0.8	2
29	Finite dimensional realization of a Tikhonov gradient type-method under weak conditions. Rendiconti Del Circolo Matematico Di Palermo, 2016, 65, 395-410.	1.3	2
30	Non-local Gradient Fidelity Model for Multiplicative Gamma Noise Removal. , 2017, , .		2
31	Non-local total bounded variation scheme for multiple-coil magnetic resonance image restoration. Multidimensional Systems and Signal Processing, 2018, 29, 1427-1448.	2.6	2
32	Third-order derivative-free methods in Banach spaces for nonlinear ill-posed equations. Journal of Applied Mathematics and Computing, 2019, 61, 137-153.	2.5	2
33	Fractional Tikhonov regularization method in Hilbert scales. Applied Mathematics and Computation, 2021, 392, 125701.	2.2	2
34	A Semi-supervised Generative Adversarial Network for Retinal Analysis from Fundus Images. Communications in Computer and Information Science, 2021, , 351-362.	0.5	2
35	Finite dimensional realization of fractional Tikhonov regularization method in Hilbert scales. Partial Differential Equations in Applied Mathematics, 2022, 5, 100246.	2.4	2
36	A Curvature-Driven Image Inpainting Approach for High-Density Impulse Noise Removal. Arabian Journal for Science and Engineering, 2014, 39, 3691-3713.	1.1	1

#	Article	IF	Citations
37	A quadratic convergence yielding iterative method for the implementation of Lavrentiev regularization method for ill-posed equations. Applied Mathematics and Computation, 2015, 254, 148-156.	2.2	1
38	Finite dimensional realization of a quadratic convergence yielding iterative regularization method for ill-posed equations with monotone operators. Applied Mathematics and Computation, 2016, 273, 1041-1050.	2.2	1
39	Multiple-Coil Magnetic Resonance Image Denoising and Deblurring With Nonlocal Total Bounded Variation. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2020, 37, 309-314.	3.2	1
40	Despeckling of SAR Images Using Shrinkage of Two-Dimensional Discrete Orthonormal S-Transform. International Journal of Image and Graphics, 2021, 21, 2150023.	1.5	1
41	Convergence Analysis of a Fifth-Order Iterative Method Using Recurrence Relations and Conditions on the First Derivative. Mediterranean Journal of Mathematics, 2021, 18, 1.	0.8	1
42	An adaptive total variation model with local constraints for denoising partially textured images. Proceedings of SPIE, 2011, , .	0.8	0
43	Steganalysis: Using the blind deconvolution to retrieve the hidden data. , 2011, , .		0
44	Shock coupled coherence enhancing diffusion for robust core-point detection in fingerprints. , 2011, , .		0
45	Image Restoration Using Adaptive Region-Wise p-Norm Filter with Local Constraints. International Journal of Image and Graphics, 2016, 16, 1650008.	1.5	0
46	Convergence of a Tikhonov Gradient Type-Method for Nonlinear Ill-Posed Equations. International Journal of Applied and Computational Mathematics, 2017, 3, 1205-1215.	1.6	0
47	A Graph Spectral Approach for Restoring Images Corrupted by Shot-Noise. Communications in Computer and Information Science, 2021, , 363-373.	0.5	0