

Bo Chen

List of Publications by Year in descending order

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29
papers

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docs citations

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231
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fast Region-Based Segmentation Model with Gaussian Kernel of Fractional Order. <i>Advances in Mathematical Physics</i> , 2013, 2013, 1-7.	0.4	60
2	A fractional order derivative based active contour model for inhomogeneous image segmentation. <i>Applied Mathematical Modelling</i> , 2019, 65, 120-136.	2.2	33
3	A Multiplicative Noise Removal Approach Based on Partial Differential Equation Model. <i>Mathematical Problems in Engineering</i> , 2012, 2012, 1-14.	0.6	23
4	Noisy image segmentation based on nonlinear diffusion equation model. <i>Applied Mathematical Modelling</i> , 2012, 36, 1197-1208.	2.2	20
5	A new image segmentation model with local statistical characters based on variance minimization. <i>Applied Mathematical Modelling</i> , 2015, 39, 3227-3235.	2.2	19
6	A sparse representation and dictionary learning based algorithm for image restoration in the presence of Rician noise. <i>Neurocomputing</i> , 2018, 286, 130-140.	3.5	16
7	Noisy image segmentation based on wavelet transform and active contour model. <i>Applicable Analysis</i> , 2011, 90, 1243-1255.	0.6	14
8	Low-dose dynamic myocardial perfusion CT imaging using a motion adaptive sparsity prior. <i>Medical Physics</i> , 2017, 44, e188-e201.	1.6	13
9	A new Mumford-Shah total variation minimization based model for sparse-view x-ray computed tomography image reconstruction. <i>Neurocomputing</i> , 2018, 285, 74-81.	3.5	10
10	A conservative numerical method for the fractional nonlinear Schrödinger equation in two dimensions. <i>Science China Mathematics</i> , 2019, 62, 1997-2014.	0.8	9
11	Image Segmentation and Selective Smoothing Based on Variational Framework. <i>Journal of Signal Processing Systems</i> , 2009, 54, 145-158.	1.4	7
12	A novel adaptive partial differential equation model for image segmentation. <i>Applicable Analysis</i> , 2014, 93, 2440-2450.	0.6	7
13	Solvability of Some Two-Point Fractional Boundary Value Problems under Barrier Strip Conditions. <i>Journal of Function Spaces</i> , 2017, 2017, 1-6.	0.4	7
14	Nonnegative matrix factorization with manifold structure for face recognition. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2019, 17, 1940006.	0.9	4
15	Deep Grouped Non-Negative Matrix Factorization Method for Image Data Representation. , 2021, , .		3
16	A New Statistical Active Contour Model for Noisy Image Segmentation. , 2008, , .		2
17	A New Nonlinear Diffusion Equation Model for Noisy Image Segmentation. <i>Advances in Mathematical Physics</i> , 2016, 2016, 1-7.	0.4	2
18	A Novel Adaptive Segmentation Method Based on Legendre Polynomials Approximation. <i>Lecture Notes in Computer Science</i> , 2018, , 297-308.	1.0	2

#	ARTICLE	IF	CITATIONS
19	A Novel Speckle Noise Removal Algorithm Based on ADMM and Energy Minimization Method. Journal of Function Spaces, 2020, 2020, 1-17.	0.4	2
20	Image Restoration Based on Fourth-Order PDE Model. , 2008, , .		1
21	A novel energy functional minimization model for speckle noise removal. Optoelectronics Letters, 2019, 15, 386-390.	0.4	1
22	A Novel Global Energy and Local Energy-Based Legendre Polynomial Approximation for Image Segmentation. Journal of Function Spaces, 2020, 2020, 1-12.	0.4	1
23	Speckle Noise Removal by Energy Models with New Regularization Setting. Journal of Function Spaces, 2020, 2020, 1-18.	0.4	1
24	Class-Based Deep Non-Negative Matrix Factorization Algorithm for Facial Image Representation. , 2021, , .		1
25	Research on the independent of reconstruction parameters in C-C method of embedding windows. , 2010, , .		0
26	Shape prior extracted by 2D-PCA for intensity-based image segmentation. , 2011, , .		0
27	Multiview triangulation with uncertain data. , 2013, , .		0
28	A Novel Enhanced Nonnegative Feature Extraction Approach. , 2018, , .		0
29	Class-Cone Based Nonnegative Matrix Factorization for Face Recognition. , 2018, , .		0