Yuping Duan

List of Publications by Year
in descending order

23	282	1039406	940134
papers	citations	9	16
		h-index	g-index

23	23	23	251
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Volume Preserved Mass–Spring Model with Novel Constraints for Soft Tissue Deformation. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 268-280.	3.9	59
2	The L_{0} Regularized Mumford–Shah Model for Bias Correction and Segmentation of Medical Images. IEEE Transactions on Image Processing, 2015, 24, 3927-3938.	6.0	47
3	A New Variational Method for Bias Correction and Its Applications to Rodent Brain Extraction. IEEE Transactions on Medical Imaging, 2017, 36, 721-733.	5.4	26
4	A Fast Augmented Lagrangian Method for Euler's Elastica Models. Numerical Mathematics, 2013, 6, 47-71.	0.6	21
5	Rician noise and intensity nonuniformity correction (NNC) model for MRI data. Biomedical Signal Processing and Control, 2019, 49, 506-519.	3.5	17
6	Learned Full-Sampling Reconstruction From Incomplete Data. IEEE Transactions on Computational Imaging, 2020, 6, 945-957.	2.6	16
7	Learning multi-level structural information for small organ segmentation. Signal Processing, 2022, 193, 108418.	2.1	16
8	The TV$_p$ Regularized Mumford-Shah Model for Image Labeling and Segmentation. IEEE Transactions on Image Processing, 2020, 29, 7061-7075.	6.0	14
9	Image Reconstruction by Minimizing Curvatures on Image Surface. Journal of Mathematical Imaging and Vision, 2021, 63, 30-55.	0.8	14
10	A weighted bounded Hessian variational model for image labeling and segmentation. Signal Processing, 2020, 173, 107564.	2.1	10
11	Convergent Non-overlapping Domain Decomposition Methods for Variational Image Segmentation. Journal of Scientific Computing, 2016, 69, 532-555.	1.1	9
12	Learned snakes for 3D image segmentation. Signal Processing, 2021, 183, 108013.	2.1	8
13	Minimizing Discrete Total Curvature for Image Processing. , 2020, , .		5
14	Nonlocal Elastica Model for Sparse Reconstruction. Journal of Mathematical Imaging and Vision, 2020, 62, 532-548.	0.8	5
15	Adaptive trainable non–linear reaction diffusion for Rician noise removal. IET Image Processing, 2020, 14, 3547-3561.	1.4	3
16	An Efficient Nonlinear Mass-Spring Model for Anatomical Virtual Reality. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	2.4	3
17	A novel variational model for retinex in presence of severe noises. , 2017, , .		2
18	Learned Full-Sampling Reconstruction. Lecture Notes in Computer Science, 2019, , 375-384.	1.0	2

#	Article	IF	Citations
19	Variational Rician Noise Removal via Splitting on Spheres. SIAM Journal on Imaging Sciences, 2022, 15, 521-549.	1.3	2
20	Piecewise Smooth Segmentation with Sparse Prior. , 2018, , .		1
21	On Variable Splitting and Augmented Lagrangian Method for Total Variation-Related Image Restoration Models. , 2021, , 1-47.		1
22	Spatially Adapted First and Second Order Regularization for Image Reconstruction: From an Image Surface Perspective. Journal of Scientific Computing, 2022, 92, .	1.1	1
23	Effective 3d Boundary Learning via a Nonlocal Deformable Network. , 2022, , .		0