

Dexing Kong

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,381
citations

471061

17
h-index

476904

29
g-index

32
all docs

32
docs citations

32
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic 3D liver location and segmentation via convolutional neural network and graph cut. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 171-182.	1.7	226
2	A pre-trained convolutional neural network based method for thyroid nodule diagnosis. Ultrasonics, 2017, 73, 221-230.	2.1	207
3	Automatic 3D liver segmentation based on deep learning and globally optimized surface evolution. Physics in Medicine and Biology, 2016, 61, 8676-8698.	1.6	164
4	Automatic abdominal multi-organ segmentation using deep convolutional neural network and time-implicit level sets. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 399-411.	1.7	151
5	Ultrasound image-based thyroid nodule automatic segmentation using convolutional neural networks. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1895-1910.	1.7	127
6	Cascade convolutional neural networks for automatic detection of thyroid nodules in ultrasound images. Medical Physics, 2017, 44, 1678-1691.	1.6	101
7	3D liver segmentation using multiple region appearances and graph cuts. Medical Physics, 2015, 42, 6840-6852.	1.6	46
8	Diagnostic Accuracy of 2D-Shear Wave Elastography for Liver Fibrosis Severity: A Meta-Analysis. PLoS ONE, 2016, 11, e0157219.	1.1	46
9	Modeling and Control of Complex Dynamic Systems: Applied Mathematical Aspects. Journal of Applied Mathematics, 2012, 2012, 1-5.	0.4	35
10	Liver segmentation with constrained convex variational model. Pattern Recognition Letters, 2014, 43, 81-88.	2.6	34
11	A region appearance-based adaptive variational model for 3D liver segmentation. Medical Physics, 2014, 41, 043502.	1.6	31
12	Complications After Percutaneous Ultrasound-Guided Liver Biopsy. Journal of Ultrasound in Medicine, 2020, 39, 1355-1365.	0.8	29
13	New Variational Formulations for Level Set Evolution Without Reinitialization with Applications to Image Segmentation. Journal of Mathematical Imaging and Vision, 2011, 41, 194-209.	0.8	25
14	Global existence of smooth solutions to two-dimensional compressible isentropic Euler equations for Chaplygin gases. Science China Mathematics, 2010, 53, 719-738.	0.8	24
15	An Improved LOT Model for Image Restoration. Journal of Mathematical Imaging and Vision, 2009, 34, 89-97.	0.8	20
16	Modeling the Citation Network by Network Cosmology. PLoS ONE, 2015, 10, e0120687.	1.1	20
17	A fractional differential fidelity-based PDE model for image denoising. Machine Vision and Applications, 2017, 28, 635-647.	1.7	17
18	Automatic segmentation of levator hiatus from ultrasound images using U-net with dense connections. Physics in Medicine and Biology, 2019, 64, 075015.	1.6	17

#	ARTICLE	IF	CITATIONS
19	Time-periodic solutions of the Einstein's field equations I: general framework. Science China Mathematics, 2010, 53, 1213-1230.	0.8	12
20	Automatic liver segmentation using 3D convolutional neural networks with a hybrid loss function. Medical Physics, 2021, 48, 1707-1719.	1.6	9
21	Time-periodic solutions of the Einstein's field equations II: geometric singularities. Science China Mathematics, 2010, 53, 1507-1520.	0.8	8
22	A random geometric graph built on a time-varying Riemannian manifold. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 492-498.	1.2	6
23	Transfer learning for automatic joint segmentation of thyroid and breast lesions from ultrasound images. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 363-372.	1.7	6
24	Modeling and Control of Complex Dynamic Systems 2013. Journal of Applied Mathematics, 2013, 2013, 1-3.	0.4	5
25	Time-periodic solutions of the Einstein's field equations III: physical singularities. Science China Mathematics, 2011, 54, 23-33.	0.8	4
26	A nonlocal energy minimization approach to brain image segmentation with simultaneous bias field estimation and denoising. Machine Vision and Applications, 2014, 25, 529-544.	1.7	4
27	A structural low rank regularization method for single image super-resolution. Machine Vision and Applications, 2015, 26, 991-1005.	1.7	3
28	Weighted area constraints-based breast lesion segmentation in ultrasound image analysis. Inverse Problems and Imaging, 2022, 16, 451.	0.6	2
29	A novel non-local geodesic active contour model. , 2012, , .		1
30	Inferior vena cava segmentation with parameter propagation and graph cut. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1481-1499.	1.7	1
31	A geodesic selection based variational model for 3D liver segmentation. , 2015, , .		0