

# Dexing Kong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8755602/publications.pdf>

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	Weighted area constraints-based breast lesion segmentation in ultrasound image analysis. <i>Inverse Problems and Imaging</i> , 2022, 16, 451.	0.6	2
2	Transfer learning for automatic joint segmentation of thyroid and breast lesions from ultrasound images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 363-372.	1.7	6
3	Automatic liver segmentation using 3D convolutional neural networks with a hybrid loss function. <i>Medical Physics</i> , 2021, 48, 1707-1719.	1.6	9
4	Complications After Percutaneous Ultrasoundâ€Guided Liver Biopsy. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 1355-1365.	0.8	29
5	Automatic segmentation of levator hiatus from ultrasound images using U-net with dense connections. <i>Physics in Medicine and Biology</i> , 2019, 64, 075015.	1.6	17
6	Cascade convolutional neural networks for automatic detection of thyroid nodules in ultrasound images. <i>Medical Physics</i> , 2017, 44, 1678-1691.	1.6	101
7	Inferior vena cava segmentation with parameter propagation and graph cut. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1481-1499.	1.7	1
8	Automatic abdominal multi-organ segmentation using deep convolutional neural network and time-implicit level sets. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 399-411.	1.7	151
9	Ultrasound image-based thyroid nodule automatic segmentation using convolutional neural networks. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1895-1910.	1.7	127
10	A fractional differential fidelity-based PDE model for image denoising. <i>Machine Vision and Applications</i> , 2017, 28, 635-647.	1.7	17
11	Automatic 3D liver location and segmentation via convolutional neural network and graph cut. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 171-182.	1.7	226
12	A pre-trained convolutional neural network based method for thyroid nodule diagnosis. <i>Ultrasonics</i> , 2017, 73, 221-230.	2.1	207
13	Automatic 3D liver segmentation based on deep learning and globally optimized surface evolution. <i>Physics in Medicine and Biology</i> , 2016, 61, 8676-8698.	1.6	164
14	Diagnostic Accuracy of 2D-Shear Wave Elastography for Liver Fibrosis Severity: A Meta-Analysis. <i>PLoS ONE</i> , 2016, 11, e0157219.	1.1	46
15	3D liver segmentation using multiple region appearances and graph cuts. <i>Medical Physics</i> , 2015, 42, 6840-6852.	1.6	46
16	A geodesic selection based variational model for 3D liver segmentation. , 2015, , .		0
17	A random geometric graph built on a time-varying Riemannian manifold. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2015, 436, 492-498.	1.2	6
18	A structural low rank regularization method for single image super-resolution. <i>Machine Vision and Applications</i> , 2015, 26, 991-1005.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Modeling the Citation Network by Network Cosmology. PLoS ONE, 2015, 10, e0120687.	1.1	20
20	A regionâ€appearanceâ€based adaptive variational model for 3D liver segmentation. Medical Physics, 2014, 41, 043502.	1.6	31
21	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
22	Liver segmentation with constrained convex variational model. Pattern Recognition Letters, 2014, 43, 81-88.	2.6	34
23	Modeling and Control of Complex Dynamic Systems 2013. Journal of Applied Mathematics, 2013, 2013, 1-3.	0.4	5
24	Modeling and Control of Complex Dynamic Systems: Applied Mathematical Aspects. Journal of Applied Mathematics, 2012, 2012, 1-5.	0.4	35
25	A novel non-local geodesic active contour model. , 2012, , .		1
26	New Variational Formulations for Level Set Evolution Withoutâ€Reinitializationâ€with Applications to Image Segmentation. Journal of Mathematical Imaging and Vision, 2011, 41, 194-209.	0.8	25
27	Time-periodic solutions of the Einsteinâ€™s field equations III: physical singularities. Science China Mathematics, 2011, 54, 23-33.	0.8	4
28	Time-periodic solutions of the Einsteinâ€™s field equations II: geometric singularities. Science China Mathematics, 2010, 53, 1507-1520.	0.8	8
29	Time-periodic solutions of the Einsteinâ€™s field equations I: general framework. Science China Mathematics, 2010, 53, 1213-1230.	0.8	12
30	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
31	An Improved LOT Model for Image Restoration. Journal of Mathematical Imaging and Vision, 2009, 34, 89-97.	0.8	20