

# Zhen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/887885/publications.pdf>

Version: 2024-02-01

12  
papers

832  
citations

1039880

9  
h-index

1199470

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

926  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of algorithms for medical image segmentation and their applications to the female pelvic cavity. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2010, 13, 235-246.	0.9	263
2	Computational methods for the image segmentation of pigmented skin lesions: A review. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 131, 127-141.	2.6	180
3	A Novel Approach to Segment Skin Lesions in Dermoscopic Images Based on a Deformable Model. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 615-623.	3.9	135
4	A Review of the Quantification and Classification of Pigmented Skin Lesions: From Dedicated to Hand-Held Devices. <i>Journal of Medical Systems</i> , 2015, 39, 177.	2.2	71
5	Effective features to classify skin lesions in dermoscopic images. <i>Expert Systems With Applications</i> , 2017, 84, 92-101.	4.4	47
6	Novel Approach to Segment the Inner and Outer Boundaries of the Bladder Wall in T2-Weighted Magnetic Resonance Images. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2287-2297.	1.3	45
7	A shape guided C&V model to segment the levator ani muscle in axial magnetic resonance images. <i>Medical Engineering and Physics</i> , 2010, 32, 766-774.	0.8	36
8	Segmentation of female pelvic organs in axial magnetic resonance images using coupled geometric deformable models. <i>Computers in Biology and Medicine</i> , 2013, 43, 248-258.	3.9	22
9	Segmentation of female pelvic cavity in axial T2-weighted MR images towards the 3D reconstruction. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2012, 28, 714-726.	1.0	15
10	A level set based algorithm to reconstruct the urinary bladder from multiple views. <i>Medical Engineering and Physics</i> , 2013, 35, 1819-1824.	0.8	8
11	Weakly Supervised Video Anomaly Detection Based on 3D Convolution and LSTM. <i>Sensors</i> , 2021, 21, 7508.	2.1	7
12	Segmentation of Skin Lesions Using Level Set Method. <i>Lecture Notes in Computer Science</i> , 2014, , 228-233.	1.0	3