

# James D Dormer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2739429/publications.pdf>

Version: 2024-02-01

40  
papers

289  
citations

1683354

5  
h-index

1588620

8  
g-index

40  
all docs

40  
docs citations

40  
times ranked

371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral Imaging of Head and Neck Squamous Cell Carcinoma for Cancer Margin Detection in Surgical Specimens from 102 Patients Using Deep Learning. <i>Cancers</i> , 2019, 11, 1367.	1.7	71
2	Tumor detection of the thyroid and salivary glands using hyperspectral imaging and deep learning. <i>Biomedical Optics Express</i> , 2020, 11, 1383.	1.5	53
3	Imaging technologies for cardiac fiber and heart failure: a review. <i>Heart Failure Reviews</i> , 2018, 23, 273-289.	1.7	26
4	Heart chamber segmentation from CT using convolutional neural networks. , 2018, 10578, .		23
5	Hyperspectral microscopic imaging for automatic detection of head and neck squamous cell carcinoma using histologic image and machine learning. , 2020, 11320, .		19
6	Segmentation of uterus and placenta in MR images using a fully convolutional neural network. , 2020, 11314, .		13
7	Abdominal muscle segmentation from CT using a convolutional neural network. , 2020, 11317, .		11
8	Convolutional neural networks for the detection of diseased hearts using CT images and left atrium patches. , 2018, 10575, .		10
9	Deep learning-based segmentation of the placenta and uterus on MR images. <i>Journal of Medical Imaging</i> , 2021, 8, 054001.	0.8	9
10	Deep 3D convolutional neural networks for fast super-resolution ultrasound imaging. , 2019, 10955, .		9
11	Augmented reality-assisted biopsy of soft tissue lesions. , 2020, 11315, .		7
12	Deep learning-based three-dimensional segmentation of the prostate on computed tomography images. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	0.8	6
13	Development of a new polarized hyperspectral imaging microscope. , 2020, 11213, .		4
14	Determining cardiac fiber orientation using FSL and registered ultrasound/DTI volumes. , 2016, 9790, .		3
15	Siamese neural networks for the classification of high-dimensional radiomic features. , 2020, 11314, .		3
16	Fully automated segmentation of the right ventricle in patients with repaired Tetralogy of Fallot using U-Net. , 2020, 11317, .		3
17	Incorporating minimal user input into deep learning based image segmentation. , 2020, 11313, .		3
18	Ultrasound segmentation of rat hearts using a convolution neural network. , 2018, 10580, .		2

#	ARTICLE	IF	CITATIONS
19	Image guided mitral valve replacement: registration of 3D ultrasound and 2D x-ray images. , 2020, 11315, .		2
20	A complex dual-modality kidney phantom for renal biopsy studies. , 2020, 11319, .		2
21	Technical note: The effect of image annotation with minimal manual interaction for semiautomatic prostate segmentation in CT images using fully convolutional neural networks. Medical Physics, 2022, 49, 1153-1160.	1.6	2
22	Estimating cardiac fiber orientations in pig hearts using registered ultrasound and MR image volumes. , 2017, 10139, .		1
23	Radiomics analysis of MRI for predicting molecular subtypes of breast cancer in young women. , 2019, 10950, .		1
24	228: Automated segmentation of the human placenta and uterus with MR imaging using artificial intelligence (AI). American Journal of Obstetrics and Gynecology, 2020, 222, S158-S159.	0.7	1
25	Virtual reality assisted cardiac catheterization. , 2021, 11598, .		1
26	Assessing reproducibility in magnetic resonance (MR) radiomics features between deep-learning segmented and expert manual segmented data and evaluating their diagnostic performance in pregnant women with suspected placenta accreta spectrum (PAS). , 2021, , .		1
27	The Contribution of Thoracic Radiation Dose Volumes to Subsequent Development of Cardiovascular Disease in Cancer Survivors. Journal of Cardiovascular Nursing, 2021, Publish Ahead of Print, .	0.6	1
28	LED-based hyperspectral endoscopic imaging. , 2022, , .		1
29	An augmented reality-assisted visualization system for potential applications in prostate biopsy. , 2022, , .		1
30	ROCSTAR: Data acquisition electronics for TOF PET. , 2014, , .		0
31	A new method to quantify fiber orientation similarity in registered volumes. Proceedings of SPIE, 2017, 10136, .	0.8	0
32	SU-E-T-340: Use of Intensity Modulated Proton Therapy (IMPT) for Reducing the Dose to Cochlea in Craniospinal Irradiation (CSI) of Pediatric Patients. Medical Physics, 2014, 41, 302-302.	1.6	0
33	SU-E-T-287: Robustness Study of Passive-Scattering Proton Therapy in Lung: Is Range and Setup Uncertainty Calculation On the Initial CT Enough to Predict the Plan Robustness?. Medical Physics, 2014, 41, 290-290.	1.6	0
34	SU-E-T-474: IMRT Verification Using the On-Board EPID. Medical Physics, 2014, 41, 335-335.	1.6	0
35	SU-E-T-14: A Feasibility Study of Using Modified AP Proton Beam for Post-Operative Pancreatic Cancer Therapy. Medical Physics, 2014, 41, 224-224.	1.6	0
36	Development of a polarized hyperspectral microscope for cardiac fiber orientation imaging. , 2020, 11215, .		0

#	ARTICLE	IF	CITATIONS
37	Placenta accreta spectrum and hysterectomy prediction using MRI radiomic features. , 2022, , .		0
38	Automatic segmentation of uterine cavity and placenta on MR Images using deep learning. , 2022, , .		0
39	A low-cost PVC-based dual-modality kidney phantom. , 2022, , .		0
40	Semi-automated three-dimensional segmentation for cardiac CT images using deep learning and randomly distributed points. , 2022, , .		0