Stefanie Demirci

List of Publications by Year
in descending order

20 papers	2,654 citations	932766 10 h-index	887659 17 g-index
21 all docs	21 docs citations	21 times ranked	4511 citing authors

#	Article	IF	Citations
1	Patient 3D body pose estimation from pressure imaging. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 517-524.	1.7	32
2	Robust navigation support in lowest dose image setting. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 291-300.	1.7	2
3	A photon recycling approach to the denoising of ultra-low dose X-ray sequences. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 847-854.	1.7	8
4	Human Pose Estimation from Pressure Sensor Data. Informatik Aktuell, 2018, , 285-290.	0.4	5
5	Vascular image registration techniques: A living review. Medical Image Analysis, 2017, 35, 1-17.	7.0	36
6	Diagnostic Assessment of Deep Learning Algorithms for Detection of Lymph Node Metastases in Women With Breast Cancer. JAMA - Journal of the American Medical Association, 2017, 318, 2199.	3.8	2,003
7	Image Descriptors in Angiography. Informatik Aktuell, 2016, , 283-288.	0.4	0
8	CathNets: Detection and Single-View Depth Prediction of Catheter Electrodes. Lecture Notes in Computer Science, 2016, , 38-49.	1.0	8
9	Single-view X-ray depth recovery: toward a novel concept for image-guided interventions. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 873-880.	1.7	6
10	AggNet: Deep Learning From Crowds for Mitosis Detection in Breast Cancer Histology Images. IEEE Transactions on Medical Imaging, 2016, 35, 1313-1321.	5.4	428
11	Playsourcing: A Novel Concept for Knowledge Creation in Biomedical Research. Lecture Notes in Computer Science, 2016, , 269-277.	1.0	6
12	Online tracking of interventional devices for endovascular aortic repair. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 773-781.	1.7	16
13	Improved interventional X-ray appearance. , 2014, , .		8
14	Disocclusion-based 2D–3D registration for aortic interventions. Computers in Biology and Medicine, 2013, 43, 312-322.	3.9	21
15	Template‐based CTA to x‐ray angio rigid registration of coronary arteries in frequency domain with automatic x‐ray segmentation. Medical Physics, 2013, 40, 101903.	1.6	12
16	3D Stent Recovery from One X-Ray Projection. Lecture Notes in Computer Science, 2011, 14, 178-185.	1.0	17
17	Stent graft removal for improving 2D–3D registration. , 2009, , .		1
18	Quantification of abdominal aortic deformation after EVAR. Proceedings of SPIE, 2009, , .	0.8	12

#	ARTICLE	IF	CITATIONS
19	Hybrid deformable model for aneurysm segmentation. , 2009, , .		19
20	Advanced 2D-3D registration for endovascular aortic interventions: addressing dissimilarity in images. Proceedings of SPIE, 2008, , .	0.8	11