Felix von Haxthausen

List of Publications by Year
in descending order

13 papers	**159** citations	1478505 **6** h-index	1588992 **8** g-index
14 all docs	**14** docs citations	**14** times ranked	**122** citing authors

#	Article	IF	Citations
1	Medical Robotics for Ultrasound Imaging: Current Systems and Future Trends. Current Robotics Reports, 2021, 2, 55-71.	7.9	46
2	Navigation and visualisation with HoloLens in endovascular aortic repair. Innovative Surgical Sciences, 2018, 3, 167-177.	0.7	35
3	Three-dimensional guidance including shape sensing of a stentgraft system for endovascular aneurysm repair. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1033-1042.	2.8	23
4	HoloLens 1 vs. HoloLens 2: Improvements in the New Model for Orthopedic Oncological Interventions. Sensors, 2022, 22, 4915.	3.8	23
5	3D catheter guidance including shape sensing for endovascular navigation. , 2020, , .		8
6	UltrARsound: in situ visualization of live ultrasound images using HoloLens 2. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 2081-2091.	2.8	8
7	Robotized ultrasound imaging of the peripheral arteries â€" a phantom study. Current Directions in Biomedical Engineering, 2020, 6, .	0.4	7
8	Superimposing holograms on real world objects using HoloLens 2 and its depth camera. Current Directions in Biomedical Engineering, 2021, 7, 111-115.	0.4	5
9	Catheter pose-dependent virtual angioscopy images visualized on augmented reality glasses. Current Directions in Biomedical Engineering, 2019, 5, 289-291.	0.4	4
10	First Steps into Catheter Guidance Including Shape Sensing for Endovascular Aneurysm Repair Procedures. European Journal of Vascular and Endovascular Surgery, 2019, 58, e610-e611.	1.5	0
11	Sequential U-Net Architecture for Automatic Femoral Artery Segmentation in Ultrasound Images. Current Directions in Biomedical Engineering, 2021, 7, 158-161.	0.4	0
12	Localization of endovascular tools in X-ray images using a motorized C-arm: visualization on HoloLens. Current Directions in Biomedical Engineering, 2020, 6, .	0.4	0
13	Catheter pose-dependent virtual angioscopy images for endovascular aortic repair: validation with a video graphics array (VGA) camera. Current Directions in Biomedical Engineering, 2020, 6, .	0.4	0