Hooman Esfandiari

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8412701/publications.pdf

Version: 2024-02-01

		1478505	1281871
10	120	6	11
papers	citations	h-index	g-index

12	12	12	121
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep learningâ€based Xâ€ray inpainting for improving spinal 2Dâ€3D registration. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2228.	2.3	7
2	Three-dimensional preoperative planning in the weight-bearing state: validation and clinical evaluation. Insights Into Imaging, 2021, 12, 44.	3.4	8
3	SpineDepth: A Multi-Modal Data Collection Approach for Automatic Labelling and Intraoperative Spinal Shape Reconstruction Based on RGB-D Data. Journal of Imaging, 2021, 7, 164.	3.0	2
4	Surgical Process Modeling for Open Spinal Surgeries. Frontiers in Surgery, 2021, 8, 776945.	1.4	1
5	Overview of Methods to Quantify Invasiveness of Surgical Approaches in Orthopedic Surgeryâ€”A Scoping Review. Frontiers in Surgery, 2021, 8, 771275.	1.4	4
6	A visual odometry base-tracking system for intraoperative C-arm guidance. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1597-1609.	2.8	6
7	A comparative analysis of intensity-based 2Dâ€“3D registration for intraoperative use in pedicle screw insertion surgeries. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1725-1739.	2.8	19
8	An intraoperative fluoroscopic method to accurately measure the post-implantation position of pedicle screws. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1257-1267.	2.8	13
9	An Egg Volume Measurement System Based on the Microsoft Kinect. Sensors, 2018, 18, 2454.	3.8	19
10	A deep learning framework for segmentation and pose estimation of pedicle screw implants based on C-arm fluoroscopy. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1269-1282.	2.8	36