Florentin Liebmann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1303427/publications.pdf

Version: 2024-02-01

12	347	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Marker-free surgical navigation of rod bending using a stereo neural network and augmented reality in spinal fusion. Medical Image Analysis, 2022, 77, 102365.	11.6	12
2	Augmented reality for base plate component placement in reverse total shoulder arthroplasty: a feasibility study. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 1447-1453.	2.4	35
3	HoloYolo: A proofâ€ofâ€concept study for markerâ€less surgical navigation of spinal rod implants with augmented reality and onâ€device machine learning. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, 1-10.	2.3	27
4	Augmented Reality Based Surgical Navigation of Complex Pelvic Osteotomiesâ€"A Feasibility Study on Cadavers. Applied Sciences (Switzerland), 2021, 11, 1228.	2.5	15
5	Augmented Reality Navigated Sacral-Alar-Iliac Screw Insertion. International Journal of Spine Surgery, 2021, 15, 161-168.	1.5	14
6	Intraoperative hyperspectral label-free imaging: from system design to first-in-patient translation. Journal Physics D: Applied Physics, 2021, 54, 294003.	2.8	15
7	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
8	Augmented reality-navigated pedicle screw placement: a cadaveric pilot study. European Spine Journal, 2021, 30, 3731-3737.	2.2	18
9	Operator independent reliability of direct augmented reality navigated pedicle screw placement and rod bending. North American Spine Society Journal (NASSJ), 2021, 8, 100084.	0.5	9
10	Augmented Reality Based Surgical Navigation of the Periacetabular Osteotomy of Ganz â€“ A Pilot Cadaveric Study. Mechanisms and Machine Science, 2021, , 192-201.	0.5	7
11	Augmented reality navigation for spinal pedicle screw instrumentation using intraoperative 3D imaging. Spine Journal, 2020, 20, 621-628.	1.3	75
12	Pedicle screw navigation using surface digitization on the Microsoft HoloLens. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1157-1165.	2.8	118