Florentin Liebmann

List of Publications by Year
in descending order

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

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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	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
2	Augmented reality navigation for spinal pedicle screw instrumentation using intraoperative 3D imaging. Spine Journal, 2020, 20, 621-628.	1.3	75
3	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
4	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
5	Augmented reality-navigated pedicle screw placement: a cadaveric pilot study. European Spine Journal, 2021, 30, 3731-3737.	2.2	18
6	Augmented Reality Based Surgical Navigation of Complex Pelvic Osteotomiesâ€”A Feasibility Study on Cadavers. Applied Sciences (Switzerland), 2021, 11, 1228.	2.5	15
7	Intraoperative hyperspectral label-free imaging: from system design to first-in-patient translation. Journal Physics D: Applied Physics, 2021, 54, 294003.	2.8	15
8	Augmented Reality Navigated Sacral-Alar-Iliac Screw Insertion. International Journal of Spine Surgery, 2021, 15, 161-168.	1.5	14
9	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
10	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
11	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
12	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