

Alex Johnson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8054904/publications.pdf>

Version: 2024-02-01

10
papers

300
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of optical see-through head-mounted displays for surgical interventions with object-anchored 2D-display. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 901-910.	2.8	69
2	Image guided percutaneous spine procedures using an optical see-through head mounted display: proof of concept and rationale. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 1187-1191.	3.3	58
3	On-the-fly augmented reality for orthopedic surgery using a multimodal fiducial. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	49
4	Multi-modal imaging, model-based tracking, and mixed reality visualisation for orthopaedic surgery. <i>Healthcare Technology Letters</i> , 2017, 4, 168-173.	3.3	39
5	Plan in 2-D, execute in 3-D: an augmented reality solution for cup placement in total hip arthroplasty. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	32
6	Interactive Flying Frustums (IFFs): spatially aware surgical data visualization. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 913-922.	2.8	23
7	Pose-aware C-arm for automatic re-initialization of interventional 2D/3D image registration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1221-1230.	2.8	18
8	Development and Pre-Clinical Analysis of Spatiotemporal-Aware Augmented Reality in Orthopedic Interventions. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 765-778.	8.9	8
9	Exploring partial intrinsic and extrinsic symmetry in 3D medical imaging. <i>Medical Image Analysis</i> , 2021, 72, 102127.	11.6	3
10	[POSTER] Mixed Reality Support for Orthopaedic Surgery. , 2017, , .		1