

Alex Johnson

List of Publications by Year in descending order

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

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