

Greg Osgood

List of Publications by Year in descending order

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16
papers

463
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

478
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	Co-localized augmented human and X-ray observers in collaborative surgical ecosystem. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1553-1563.	2.8	11
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	Augmented reality-based feedback for technician in the C-arm repositioning. Healthcare Technology Letters, 2018, 5, 143-147.	3.3	32
5	X-ray-transform Invariant Anatomical Landmark Detection for Pelvic Trauma Surgery. Lecture Notes in Computer Science, 2018, , 55-63.	1.3	61
6	Closing the Calibration Loop: An Inside-Out-Tracking Paradigm for Augmented Reality in Orthopedic Surgery. Lecture Notes in Computer Science, 2018, , 299-306.	1.3	27
7	Virtual fluoroscopy for intraoperative C-arm positioning and radiation dose reduction. Journal of Medical Imaging, 2018, 5, 1.	1.5	14
8	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
9	On-the-fly augmented reality for orthopedic surgery using a multimodal fiducial. Journal of Medical Imaging, 2018, 5, 1.	1.5	49
10	Technical note: an augmented reality system for total hip arthroplasty. , 2018, , .		1
11	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
12	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
13	Multi-modal imaging, model-based tracking, and mixed reality visualisation for orthopaedic surgery. Healthcare Technology Letters, 2017, 4, 168-173.	3.3	39
14	[POSTER] Mixed Reality Support for Orthopaedic Surgery. , 2017, , .		1
15	Calibration of RGBD camera and cone-beam CT for 3D intra-operative mixed reality visualization. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 967-975.	2.8	29
16	Preclinical usability study of multiple augmented reality concepts for K-wire placement. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1007-1014.	2.8	49