Florian Heinrich

List of Publications by Year
in descending order

16 papers	140 citations	1478505 6 h-index	1474206 9 g-index
16 all docs	16 docs citations	16 times ranked	130 citing authors

#	Article	IF	Citations
1	Projector‐based augmented reality system for interventional visualization inside MRI scanners. International Journal of Medical Robotics and Computer Assisted Surgery, 2019, 15, e1950.	2.3	23
2	Comparison of Projective Augmented Reality Concepts to Support Medical Needle Insertion. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2157-2167.	4.4	17
3	HoloPointer: a virtual augmented reality pointer for laparoscopic surgery training. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 161-168.	2.8	17
4	HoloInjection: augmented reality support for CT‐guided spinal needle injections. Healthcare Technology Letters, 2019, 6, 165-171.	3.3	16
5	Concepts for augmented reality visualisation to support needle guidance inside the MRI. Healthcare Technology Letters, 2018, 5, 172-176.	3.3	13
6	Depth Perception in Projective Augmented Reality: An Evaluation of Advanced Visualization Techniques. , 2019, , .		13
7	Comparison of Augmented Reality Display Techniques to Support Medical Needle Insertion. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 3568-3575.	4.4	13
8	Estimating depth information of vascular models: A comparative user study between a virtual reality and a desktop application. Computers and Graphics, 2021, 98, 210-217.	2.5	7
9	Visualization concepts to improve spatial perception for instrument navigation in image-guided surgery. , 2019, , .		6
10	2D versus 3D: A Comparison of Needle Navigation Concepts between Augmented Reality Display Devices. , 2022, , .		6
11	Towards natural 3D interaction for laparoscopic augmented reality registration. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2021, 9, 384-391.	1.9	3
12	Interacting with Medical Volume Data in Projective Augmented Reality. Lecture Notes in Computer Science, 2020, , 429-439.	1.3	3
13	Augmented Reality Visualisation Concepts to Support Intraoperative Distance Estimation. , 2019, , .		2
14	AR visualization of automated access path planning for percutaneous interventions. Current Directions in Biomedical Engineering, 2021, 7, 48-52.	0.4	1
15	Evaluation eines Augmented Reality Pointers bei virtueller laparoskopischer Cholezystektomie. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.5	0
16	Augmented reality visualization of automated path planning for percutaneous interventions: a phantom study. International Journal of Computer Assisted Radiology and Surgery, 0, , .	2.8	0