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	2D versus 3D: A Comparison of Needle Navigation Concepts between Augmented Reality Display Devices. , 2022, , .		6
2	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
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	AR visualization of automated access path planning for percutaneous interventions. Current Directions in Biomedical Engineering, 2021, 7, 48-52.	0.4	1
5	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
6	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
7	Interacting with Medical Volume Data in Projective Augmented Reality. Lecture Notes in Computer Science, 2020, , 429-439.	1.3	3
8	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
9	Depth Perception in Projective Augmented Reality: An Evaluation of Advanced Visualization Techniques. , 2019, , .		13
10	HoloInjection: augmented reality support for CTâ€guided spinal needle injections. Healthcare Technology Letters, 2019, 6, 165-171.	3.3	16
11	Projectorâ€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
12	Visualization concepts to improve spatial perception for instrument navigation in image-guided surgery. , 2019, , .		6
13	Evaluation eines Augmented Reality Pointers bei virtueller laparoskopischer Cholezystektomie. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.5	0
14	Augmented Reality Visualisation Concepts to Support Intraoperative Distance Estimation. , 2019, , .		2
15	Concepts for augmented reality visualisation to support needle guidance inside the MRI. Healthcare Technology Letters, 2018, 5, 172-176.	3.3	13
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