Ronald Holthuizen

List of Publications by Year
in descending order

8 papers	**114** citations	1478505 **6** h-index	1720034 **7** g-index
8 all docs	**8** docs citations	**8** times ranked	**113** citing authors

#	Article	IF	Citations
1	Multi-view 3D skin feature recognition and localization for patient tracking in spinal surgery applications. BioMedical Engineering OnLine, 2021, 20, 6.	2.7	1
2	Augmented reality navigation for cranial biopsy and external ventricular drain insertion. Neurosurgical Focus, 2021, 51, E7.	2.3	22
3	Towards Optical Imaging for Spine Tracking without Markers in Navigated Spine Surgery. Sensors, 2020, 20, 3641.	3.8	14
4	Frameless Patient Tracking With Adhesive Optical Skin Markers for Augmented Reality Surgical Navigation in Spine Surgery. Spine, 2020, 45, 1598-1604.	2.0	25
5	Feasibility and accuracy of a robotic guidance system for navigated spine surgery in a hybrid operating room: a cadaver study. Scientific Reports, 2020, 10, 7522.	3.3	27
6	Hyperspectral Imaging for Skin Feature Detection: Advances in Markerless Tracking for Spine Surgery. Applied Sciences (Switzerland), 2020, 10, 4078.	2.5	14
7	Design and control of an image‐guided robot for spine surgery in a hybrid <scp>OR</scp>. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2108.	2.3	10
8	Towards non-invasive patient tracking: optical image analysis for spine tracking during spinal surgery procedures. , 2019, 2019, 3909-3914.		1