George Dwyer

List of Publications by Year
in descending order

13 papers	213 citations	1307594 7 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	261 citing authors

#	Article	IF	Citations
1	All-Optical Rotational Ultrasound Imaging. Scientific Reports, 2019, 9, 5576.	3.3	47
2	A Continuum Robot and Control Interface for Surgical Assist in Fetoscopic Interventions. IEEE Robotics and Automation Letters, 2017, 2, 1656-1663.	5.1	43
3	Hand-Eye Calibration With a Remote Centre of Motion. IEEE Robotics and Automation Letters, 2019, 4, 3121-3128.	5.1	22
4	Deep learning-based fetoscopic mosaicking for field-of-view expansion. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1807-1816.	2.8	20
5	Refractive Structure-from-Motion Through a Flat Refractive Interface. , 2017, , .		19
6	Investigating exploration for deep reinforcement learning of concentric tube robot control. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1157-1165.	2.8	19
7	CHESSâ€"Calibrating the Hand-Eye Matrix With Screw Constraints and Synchronization. IEEE Robotics and Automation Letters, 2018, 3, 2000-2007.	5.1	10
8	Deep Sequential Mosaicking of Fetoscopic Videos. Lecture Notes in Computer Science, 2019, , 311-319.	1.3	10
9	A miniaturised robotic probe for real-time intraoperative fusion of ultrasound and endomicroscopy. , 2015, , .		9
10	Robotic Control of a Multi-Modal Rigid Endoscope Combining Optical Imaging with All-Optical Ultrasound. , 2019, , .		6
11	Large area all-optical ultrasound imaging using robotic control. , 2019, , .		4
12	Autonomous pick-and-place using the dVRK. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1141-1149.	2.8	2
13	Robot-Assisted Optical Ultrasound Scanning. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 948-958.	3.2	2