

Cong Gao

List of Publications by Year in descending order

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papers

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citations

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9
docs citations

9
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	A Curved-Drilling Approach in Core Decompression of the Femoral Head Osteonecrosis Using a Continuum Manipulator. IEEE Robotics and Automation Letters, 2017, 2, 1480-1487.	5.1	56
2	Enabling machine learning in X-ray-based procedures via realistic simulation of image formation. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1517-1528.	2.8	37
3	Data-Driven Shape Sensing of a Surgical Continuum Manipulator Using an Uncalibrated Fiber Bragg Grating Sensor. IEEE Sensors Journal, 2021, 21, 3066-3076.	4.7	35
4	Automatic annotation of hip anatomy in fluoroscopy for robust and efficient 2D/3D registration. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 759-769.	2.8	33
5	The Impact of Machine Learning on 2D/3D Registration for Image-Guided Interventions: A Systematic Review and Perspective. Frontiers in Robotics and AI, 2021, 8, 716007.	3.2	27
6	A learning-based method for online adjustment of C-arm Cone-beam CT source trajectories for artifact avoidance. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1787-1796.	2.8	19
7	Fiducial-Free 2D/3D Registration for Robot-Assisted Femoroplasty. IEEE Transactions on Medical Robotics and Bionics, 2020, 2, 437-446.	3.2	19
8	Fluoroscopic Navigation for a Surgical Robotic System Including a Continuum Manipulator. IEEE Transactions on Biomedical Engineering, 2022, 69, 453-464.	4.2	14
9	Fiducial-free 2D/3D registration of the proximal femur for robot-assisted femoroplasty. , 2020, , .		12