

Gang Li

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

421
citations

1040056

9
h-index

1281871

11
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16
all docs

16
docs citations

16
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI-guided lumbar spinal injections with body-mounted robotic system: cadaver studies. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2022, 31, 297-305.	1.2	7
2	A Fully Actuated Robotic Assistant for MRI-Guided Precision Conformal Ablation of Brain Tumors. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 255-266.	5.8	16
3	Towards Safe In Situ Needle Manipulation for Robot Assisted Lumbar Injection in Interventional MRI. , 2021, 2021, 1835-1842.		2
4	Body-mounted robotic assistant for MRI-guided low back pain injection. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 321-331.	2.8	15
5	A Fully Actuated Body-Mounted Robotic Assistant for MRI-Guided Low Back Pain Injection. , 2020, 2020, .		11
6	Fully Actuated Body-Mounted Robotic System for MRI-Guided Lower Back Pain Injections: Initial Phantom and Cadaver Studies. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 5245-5251.	5.1	12
7	Body-Mounted Robotics for Interventional MRI Procedures. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2020, 2, 557-560.	3.2	5
8	An Integrated Robotic System for MRI-Guided Neuroablation: Preclinical Evaluation. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2990-2999.	4.2	14
9	Remotely Actuated Needle Driving Device for MRI-Guided Percutaneous Interventions. , 2019, 2019, .		11
10	Remotely Actuated Needle Driving Device for MRI-Guided Percutaneous Interventions: Force and Accuracy Evaluation. , 2019, 2019, 1985-1989.		9
11	System Integration and Preliminary Clinical Evaluation of a Robotic System for MRI-Guided Transperineal Prostate Biopsy. <i>Journal of Medical Robotics Research</i> , 2019, 04, 1950001.	1.2	34
12	In-bore prostate transperineal interventions with an MRI-guided parallel manipulator: system development and preliminary evaluation. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2016, 12, 199-213.	2.3	46
13	Closed-loop asymmetric-tip needle steering under continuous intraoperative MRI guidance. , 2015, 2015, 4869-74.		24
14	Robotic System for MRI-Guided Stereotactic Neurosurgery. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 1077-1088.	4.2	96
15	Piezoelectrically Actuated Robotic System for MRI-Guided Prostate Percutaneous Therapy. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015, 20, 1920-1932.	5.8	101
16	A fully actuated robotic assistant for MRI-guided prostate biopsy and brachytherapy. <i>Proceedings of SPIE</i> , 2013, 8671, 867117.	0.8	18