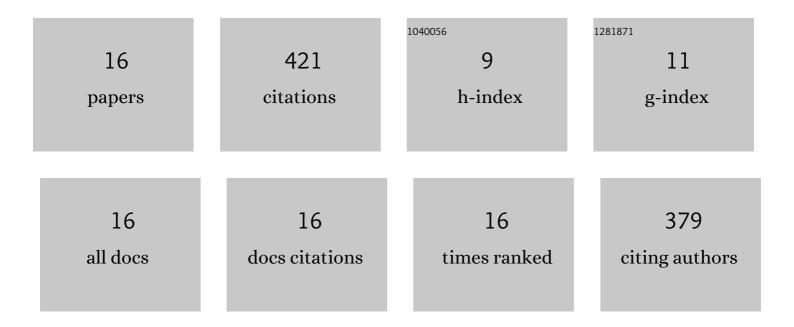


List of Publications by Year in descending order

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CANCLE

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | MRI-guided lumbar spinal injections with body-mounted robotic system: cadaver studies. Minimally Invasive Therapy and Allied Technologies, 2022, 31, 297-305. | 1.2 | 7 |
| 2 | A Fully Actuated Robotic Assistant for MRI-Guided Precision Conformal Ablation of Brain Tumors. IEEE/ASME Transactions on Mechatronics, 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. International Journal of Computer Assisted Radiology and Surgery, 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. IEEE Robotics and Automation Letters, 2020, 5, 5245-5251. | 5.1 | 12 |
| 7 | Body-Mounted Robotics for Interventional MRI Procedures. IEEE Transactions on Medical Robotics and Bionics, 2020, 2, 557-560. | 3.2 | 5 |
| 8 | An Integrated Robotic System for MRI-Guided Neuroablation: Preclinical Evaluation. IEEE Transactions on Biomedical Engineering, 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. Journal of Medical Robotics Research, 2019, 04, 1950001. | 1.2 | 34 |
| 12 | In-bore prostate transperineal interventions with an MRI-guided parallel manipulator: system development and preliminary evaluation. International Journal of Medical Robotics and Computer Assisted Surgery, 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. IEEE Transactions on Biomedical Engineering, 2015, 62, 1077-1088. | 4.2 | 96 |
| 15 | Piezoelectrically Actuated Robotic System for MRI-Guided Prostate Percutaneous Therapy. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1920-1932. | 5.8 | 101 |
| 16 | A fully actuated robotic assistant for MRI-guided prostate biopsy and brachytherapy. Proceedings of SPIE, 2013, 8671, 867117. | 0.8 | 18 |