

Ziyan Guo

List of Publications by Year in descending order

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9
papers

274
citations

1478505

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1872680

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10
all docs

10
docs citations

10
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermediate Range Wireless Power Transfer With Segmented Coil Transmitters for Implantable Heart Pumps. IEEE Transactions on Power Electronics, 2017, 32, 3844-3857.	7.9	86
2	MR Safe Robotic Manipulator for MRI-Guided Intracardiac Catheterization. IEEE/ASME Transactions on Mechatronics, 2018, 23, 586-595.	5.8	58
3	Compact Design of a Hydraulic Driving Robot for Intraoperative MRI-Guided Bilateral Stereotactic Neurosurgery. IEEE Robotics and Automation Letters, 2018, 3, 2515-2522.	5.1	43
4	Techniques for Stereotactic Neurosurgery: Beyond the Frame, Toward the Intraoperative Magnetic Resonance Imaging-Guided and Robot-Assisted Approaches. World Neurosurgery, 2018, 116, 77-87.	1.3	40
5	High-Performance Continuous Hydraulic Motor for MR Safe Robotic Teleoperation. IEEE Robotics and Automation Letters, 2019, 4, 1964-1971.	5.1	30
6	An efficient cardiac mapping strategy for radiofrequency catheter ablation with active learning. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1199-1207.	2.8	10
7	GPU-based proximity query processing on unstructured triangular mesh model. , 2015, , .		3
8	Mid-range wireless power transfer with segmented coil transmitters for implantable heart pumps. , 2016, , .		2
9	Prospective Techniques for Magnetic Resonance Imaging-Guided Robot-Assisted Stereotactic Neurosurgery. , 2020, , 585-598.		2