

Alperen Acemoglu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

194
citations

1163117

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1474206

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18
all docs

18
docs citations

18
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Geometric Parameters on Swimming of Micro Organisms with Single Helical Flagellum in Circular Channels. <i>Biophysical Journal</i> , 2014, 106, 1537-1547.	0.5	33
2	Design and Control of a Magnetic Laser Scanner for Endoscopic Microsurgeries. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, 24, 527-537.	5.8	29
3	5G Robotic Telesurgery: Remote Transoral Laser Microsurgeries on a Cadaver. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2020, 2, 511-518.	3.2	28
4	Operating From a Distance: Robotic Vocal Cord 5G Telesurgery on a Cadaver. <i>Annals of Internal Medicine</i> , 2020, 173, 940-941.	3.9	24
5	Towards a Magnetically-Actuated Laser Scanner for Endoscopic Microsurgeries. <i>Journal of Medical Robotics Research</i> , 2018, 03, 1840004.	1.2	16
6	¼RALP and Beyond: Micro-Technologies and Systems for Robot-Assisted Endoscopic Laser Microsurgery. <i>Frontiers in Robotics and AI</i> , 2021, 8, 664655.	3.2	16
7	Effects of poiseuille flows on swimming of magnetic helical robots in circular channels. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 1109-1122.	2.2	13
8	Laser Incision Depth Control in Robot-Assisted Soft Tissue Microsurgery. <i>Journal of Medical Robotics Research</i> , 2017, 02, 1740006.	1.2	11
9	Magnetic laser scanner for endoscopic microsurgery. , 2017, , .		10
10	Vision-Guided Autonomous Robotic Electrical Bio-Impedance Scanning System for Abnormal Tissue Detection. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2021, 3, 866-877.	3.2	8
11	The CALM System: New Generation Computer-Assisted Laser Microsurgery. , 2019, , .		3
12	Closed-Loop Control of a Magnetically Actuated Fiber-Coupled Laser for Computer-Assisted Laser Microsurgery. , 2019, , .		3
13	Magnetic Laser Scanner Design. <i>Springer Theses</i> , 2020, , 17-25.	0.1	0
14	Characterization Experiments. <i>Springer Theses</i> , 2020, , 27-36.	0.1	0
15	Automated Trajectory Executions. <i>Springer Theses</i> , 2020, , 55-61.	0.1	0
16	Designing and Testing a Closed-loop Magnetically Actuated Laser Scanning System for Tissue Ablation. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2021, , .	0.7	0