

Alperen Acemoglu

List of Publications by Year in descending order

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212
citing authors

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