

Hamed Saeidi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

289
citations

1478505

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1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous robotic laparoscopic surgery for intestinal anastomosis. <i>Science Robotics</i> , 2022, 7, eabj2908.	17.6	96
2	Deep point cloud landmark localization for fringe projection profilometry. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2022, 39, 655.	1.5	3
3	A novel indocyanine green-based fluorescent marker for guiding surgical tumor resection. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 14, .	1.0	5
4	Autonomous Robotic Point-of-Care Ultrasound Imaging for Monitoring of COVID-19-Induced Pulmonary Diseases. <i>Frontiers in Robotics and AI</i> , 2021, 8, 645756.	3.2	7
5	A Confidence-Based Supervised-Autonomous Control Strategy for Robotic Vaginal Cuff Closure. , 2021, 2021, .		1
6	Supervised Autonomous Electrosurgery for Soft Tissue Resection. , 2021, , .		3
7	Supervised Autonomous Electrosurgery via Biocompatible Near-Infrared Tissue Tracking Techniques. <i>IEEE Transactions on Medical Robotics and Bionics</i> , 2019, 1, 228-236.	3.2	13
8	Autonomous Laparoscopic Robotic Suturing with a Novel Actuated Suturing Tool and 3D Endoscope. , 2019, 2019, 1541-1547.		26
9	Incorporating Trust and Self-Confidence Analysis in the Guidance and Control of (Semi)Autonomous Mobile Robotic Systems. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 239-246.	5.1	23
10	Landmark-Guided Deformable Image Registration for Supervised Autonomous Robotic Tumor Resection. <i>Lecture Notes in Computer Science</i> , 2019, 11764, 320-328.	1.3	7
11	Semi-autonomous Robotic Anastomoses of Vaginal Cuffs Using Marker Enhanced 3D Imaging and Path Planning. <i>Lecture Notes in Computer Science</i> , 2019, 11768, 65-73.	1.3	6
12	A Confidence-Based Shared Control Strategy for the Smart Tissue Autonomous Robot (STAR). , 2018, 2018, 1268-1275.		17
13	Semi-Autonomous Laparoscopic Robotic Electro-Surgery with a Novel 3D Endoscope. , 2018, 2018, 6637-6644.		9
14	Implementation of Hierarchical Framework with Accurate Localization and Low Level Control in a Low-Cost Scaled Autonomous Car. , 2018, , .		0
15	A Mixed-Initiative Haptic Teleoperation Strategy for Mobile Robotic Systems Based on Bidirectional Computational Trust Analysis. <i>IEEE Transactions on Robotics</i> , 2017, 33, 1500-1507.	10.3	31
16	Trust-based leader selection for bilateral haptic teleoperation of multi-robot systems. , 2017, , .		4
17	A haptic interface with adjustable feedback for unmanned aerial vehicles (UAVs) -model, control, and test. , 2016, , .		1
18	An integrated framework for human-robot collaborative assembly in hybrid manufacturing cells. , 2016, , .		25

#	ARTICLE	IF	CITATIONS
19	Trust and self-confidence based autonomy allocation for robotic systems. , 2015, , .		12