

Xiaojian Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3916330/publications.pdf>

Version: 2024-02-01

19
papers

526
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

712
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Multimodal Semantic Fusion for Gastric Cancer Screening via Hierarchical Attention Mechanism. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4286-4299.	9.3	7
2	Autonomous Multiple Instruments Tracking for Robot-Assisted Laparoscopic Surgery With Visual Tracking Space Vector Method. IEEE/ASME Transactions on Mechatronics, 2022, 27, 733-743.	5.8	24
3	SIRNet: Fine-Grained Surgical Interaction Recognition. IEEE Robotics and Automation Letters, 2022, 7, 4212-4219.	5.1	7
4	Unsupervised-Learning-Based Continuous Depth and Motion Estimation With Monocular Endoscopy for Virtual Reality Minimally Invasive Surgery. IEEE Transactions on Industrial Informatics, 2021, 17, 3920-3928.	11.3	25
5	<scp>HFS&LightGBM</scp>: A machine learning model based on hybrid feature selection for classifying <scp>ICU</scp> patient readmissions. Expert Systems, 2021, 38, e12658.	4.5	5
6	Haptic Feedback Based Laparoscope Movement Perception Method for Autonomous Surgical Instruments Tracking in Robot-Assisted Minimally Invasive Surgery. , 2021, , .		2
7	Automatic Acetowhite Lesion Segmentation via Specular Reflection Removal and Deep Attention Network. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3529-3540.	6.3	7
8	Virtual Fixtures Assistance for Safe Polyp Dissection in Minimally Invasive Robotic Surgery. , 2021, , .		0
9	Simultaneous Localization and Mapping-Based In Vivo Navigation Control of Microparticles. IEEE Transactions on Industrial Informatics, 2020, 16, 2956-2964.	11.3	15
10	Gradient-Enhanced Electromagnetic Actuation System With a New Core Shape Design for Microrobot Manipulation. IEEE Transactions on Industrial Electronics, 2020, 67, 4700-4710.	7.9	47
11	Precise Drug Delivery by Using PLGA-Based Microspheres and Optical Manipulators. IEEE Transactions on Nanobioscience, 2020, 19, 192-202.	3.3	5
12	Stabilization Algorithm Based on Improved Motion Model for Jittery Video in Minimally Invasive Surgery. , 2019, , .		2
13	A Novel Dynamic Filed Tracking Algorithm of Mirror-holding Robot for Minimally Invasive Surgery. , 2019, , .		2
14	Development of a magnetic microrobot for carrying and delivering targeted cells. Science Robotics, 2018, 3, .	17.6	290
15	<italic>In Vivo</italic> Manipulation of Single Biological Cells With an Optical Tweezers-Based Manipulator and a Disturbance Compensation Controller. IEEE Transactions on Robotics, 2017, 33, 1200-1212.	10.3	43
16	Design of an automated controller with collision-avoidance capability for in-vivo transportation of biological cells. , 2017, , .		3
17	Automated in-vivo transportation of biological cells with a disturbance compensation controller. , 2016, , .		3
18	Transportation of Multiple Biological Cells Through Saturation-Controlled Optical Tweezers In Crowded Microenvironments. IEEE/ASME Transactions on Mechatronics, 2016, 21, 888-899.	5.8	36

#	ARTICLE	IF	CITATIONS
19	Preparation, Morphology, and Structure of Thermotropic Liquid Crystalline Polyester-imide/Phenol-formaldehyde Resin Blends. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2012, 49, 378-384.	2.2	3