Yan-Jie Zhou

List of Publications by Year
in descending order

14 papers	149 citations	1307594 7 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	208 citing authors

#	Article	IF	Citations
1	Learning Skill Characteristics From Manipulations. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 9727-9741.	11.3	10
2	A Multilayer and Multimodal-Fusion Architecture for Simultaneous Recognition of Endovascular Manipulations and Assessment of Technical Skills. IEEE Transactions on Cybernetics, 2022, 52, 2565-2577.	9.5	10
3	A Unified Framework for Multi-Guidewire Endpoint Localization in Fluoroscopy Images. IEEE Transactions on Biomedical Engineering, 2022, 69, 1406-1416.	4.2	3
4	A Dual-Stream Architecture for Real-Time Morphological Analysis of Aneurysm in Robot-Assisted Minimally Invasive Surgery. , 2022, , .		0
5	Comparative validation of multi-instance instrument segmentation in endoscopy: Results of the ROBUST-MIS 2019 challenge. Medical Image Analysis, 2021, 70, 101920.	11.6	41
6	Real-Time Multi-Guidewire Endpoint Localization in Fluoroscopy Images. IEEE Transactions on Medical Imaging, 2021, 40, 2002-2014.	8.9	14
7	A Real-Time Multifunctional Framework for Guidewire Morphological and Positional Analysis in Interventional X-Ray Fluoroscopy. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 657-667.	3.8	14
8	A Real-Time Multi-Task Framework for Guidewire Segmentation and Endpoint Localization in Endovascular Interventions. , 2021, , .		1
9	Group Feature Learning and Domain Adversarial Neural Network for aMCI Diagnosis System Based on EEG. , 2021, , .		3
10	Qualitative and Quantitative Assessment of Technical Skills in Percutaneous Coronary Intervention:*In Vivo*Porcine Studies. IEEE Transactions on Biomedical Engineering, 2020, 67, 353-364.	4.2	25
11	FRR-NET: Fast Recurrent Residual Networks for Real-Time Catheter Segmentation and Tracking in Endovascular Aneurysm Repair. , 2020, , .		5
12	Pyramid attention recurrent networks for real-time guidewire segmentation and tracking in intraoperative X-ray fluoroscopy. Computerized Medical Imaging and Graphics, 2020, 83, 101734.	5.8	14
13	Fully Automatic Dual-Guidewire Segmentation for Coronary Bifurcation Lesion. , 2019, , .		4
14	Real-Time Guidewire Segmentation and Tracking in Endovascular Aneurysm Repair. Lecture Notes in Computer Science, 2019, , 491-500.	1.3	5