

Yan-Jie Zhou

List of Publications by Year in descending order

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