

Nabil Zemiti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8163751/publications.pdf>

Version: 2024-02-01

11
papers

292
citations

1651377

6
h-index

1526636

10
g-index

12
all docs

12
docs citations

12
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	CT/MR-compatible physical human-robotized needle interactions: From modeling to percutaneous steering. <i>Mechatronics</i> , 2022, 85, 102840.	2.0	3
2	Enabling 4-DoF hand guidance using a portable haptic device exerting tangential force on the user's finger pads. <i>Mechatronics</i> , 2022, 86, 102868.	2.0	1
3	Admittance-Controlled Robotic Assistant for Fibula Osteotomies in Mandible Reconstruction Surgery. <i>Advanced Intelligent Systems</i> , 2021, 3, 2000158.	3.3	6
4	HFUS Imaging of the Cochlea: A Feasibility Study for Anatomical Identification by Registration with MicroCT. <i>Annals of Biomedical Engineering</i> , 2021, 49, 1308-1317.	1.3	2
5	Feasibility of Cochlea High-frequency Ultrasound and Microcomputed Tomography Registration for Cochlear Computer-assisted Surgery: A Testbed. <i>Otology and Neurotology</i> , 2021, 42, e779-e787.	0.7	0
6	Transrectal ultrasound image-based real-time augmented reality guidance in robot-assisted laparoscopic rectal surgery: a proof-of-concept study. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 531-543.	1.7	7
7	Evaluation of contactless human-machine interface for robotic surgical training. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 13-24.	1.7	19
8	Geometric and mechanical evaluation of 3D-printing materials for skull base anatomical education and endoscopic surgery simulation – A first step to create reliable customized simulators. <i>PLoS ONE</i> , 2017, 12, e0189486.	1.1	30
9	Viscoelastic model based force control for soft tissue interaction and its application in physiological motion compensation. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 116, 52-67.	2.6	50
10	LPR: A CT and MR-Compatible Puncture Robot to Enhance Accuracy and Safety of Image-Guided Interventions. <i>IEEE/ASME Transactions on Mechatronics</i> , 2008, 13, 306-315.	3.7	37
11	Mechatronic Design of a New Robot for Force Control in Minimally Invasive Surgery. <i>IEEE/ASME Transactions on Mechatronics</i> , 2007, 12, 143-153.	3.7	137