

Juan Anso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1977220/publications.pdf>

Version: 2024-02-01

19
papers

530
citations

759233

12
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Robotic cochlear implantation: surgical procedure and first clinical experience. <i>Acta Oto-Laryngologica</i> , 2017, 137, 447-454.	0.9	94
2	Instrument flight to the inner ear. <i>Science Robotics</i> , 2017, 2, .	17.6	75
3	Robotic middle ear access for cochlear implantation: First in man. <i>PLoS ONE</i> , 2019, 14, e0220543.	2.5	67
4	Temperature Prediction Model for Bone Drilling Based on Density Distribution and In Vivo Experiments for Minimally Invasive Robotic Cochlear Implantation. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1576-1586.	2.5	34
5	Sleep-Aware Adaptive Deep Brain Stimulation Control: Chronic Use at Home With Dual Independent Linear Discriminate Detectors. <i>Frontiers in Neuroscience</i> , 2021, 15, 732499.	2.8	33
6	A Neuromonitoring Approach to Facial Nerve Preservation During Image-guided Robotic Cochlear Implantation. <i>Otology and Neurotology</i> , 2016, 37, 89-98.	1.3	29
7	Concurrent stimulation and sensing in bi-directional brain interfaces: a multi-site translational experience. <i>Journal of Neural Engineering</i> , 2022, 19, 026025.	3.5	28
8	Embedded adaptive deep brain stimulation for cervical dystonia controlled by motor cortex theta oscillations. <i>Experimental Neurology</i> , 2021, 345, 113825.	4.1	27
9	Neuromonitoring During Robotic Cochlear Implantation: Initial Clinical Experience. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1568-1581.	2.5	17
10	Electrical Impedance to Assess Facial Nerve Proximity During Robotic Cochlear Implantation. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 237-245.	4.2	17
11	Feasibility of Using EMG for Early Detection of the Facial Nerve During Robotic Direct Cochlear Access. <i>Otology and Neurotology</i> , 2014, 35, 545-554.	1.3	16
12	Analysis-rscs-data: Open-Source Toolbox for the Ingestion, Time-Alignment, and Visualization of Sense and Stimulation Data From the Medtronic Summit RC+S System. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 714256.	2.0	16
13	In-Vivo Electrical Impedance Measurement in Mastoid Bone. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1122-1132.	2.5	14
14	Noninvasive Registration Strategies and Advanced Image Guidance Technology for Submillimeter Surgical Navigation Accuracy in the Lateral Skull Base. <i>Otology and Neurotology</i> , 2018, 39, 1326-1335.	1.3	12
15	The accuracy of image-based safety analysis for robotic cochlear implantation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 83-92.	2.8	10
16	Robotic cochlear implantation: feasibility of a multiport approach in an ex vivo model. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 1283-1289.	1.6	10
17	Prospective Validation of Facial Nerve Monitoring to Prevent Nerve Damage During Robotic Drilling. <i>Frontiers in Surgery</i> , 2019, 6, 58.	1.4	8
18	NeuroDAC: an open-source arbitrary biosignal waveform generator. <i>Journal of Neural Engineering</i> , 2021, 18, 016010.	3.5	2

#	ARTICLE	IF	CITATIONS
19	Track L. Devices and Systems for Surgical Intervention. Biomedizinische Technik, 2016, 61, 112-124.	0.8	0