Juan Anso

List of Publications by Year
in descending order

19	530	759233 12	794594 19
papers	citations	h-index	g-index

25	25	25	409
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concurrent stimulation and sensing in bi-directional brain interfaces: a multi-site translational experience. Journal of Neural Engineering, 2022, 19, 026025.	3.5	28
2	NeuroDAC: an open-source arbitrary biosignal waveform generator. Journal of Neural Engineering, 2021, 18, 016010.	3.5	2
3	Analysis-rcs-data: Open-Source Toolbox for the Ingestion, Time-Alignment, and Visualization of Sense and Stimulation Data From the Medtronic Summit RC+S System. Frontiers in Human Neuroscience, 2021, 15, 714256.	2.0	16
4	Embedded adaptive deep brain stimulation for cervical dystonia controlled by motor cortex theta oscillations. Experimental Neurology, 2021, 345, 113825.	4.1	27
5	Sleep-Aware Adaptive Deep Brain Stimulation Control: Chronic Use at Home With Dual Independent Linear Discriminate Detectors. Frontiers in Neuroscience, 2021, 15, 732499.	2.8	33
6	The accuracy of image-based safety analysis for robotic cochlear implantation. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 83-92.	2.8	10
7	Robotic middle ear access for cochlear implantation: First in man. PLoS ONE, 2019, 14, e0220543.	2.5	67
8	Robotic cochlear implantation: feasibility of a multiport approach in an ex vivo model. European Archives of Oto-Rhino-Laryngology, 2019, 276, 1283-1289.	1.6	10
9	Prospective Validation of Facial Nerve Monitoring to Prevent Nerve Damage During Robotic Drilling. Frontiers in Surgery, 2019, 6, 58.	1.4	8
10	Electrical Impedance to Assess Facial Nerve Proximity During Robotic Cochlear Implantation. IEEE Transactions on Biomedical Engineering, 2019, 66, 237-245.	4.2	17
11	Noninvasive Registration Strategies and Advanced Image Guidance Technology for Submillimeter Surgical Navigation Accuracy in the Lateral Skull Base. Otology and Neurotology, 2018, 39, 1326-1335.	1.3	12
12	Neuromonitoring During Robotic Cochlear Implantation: Initial Clinical Experience. Annals of Biomedical Engineering, 2018, 46, 1568-1581.	2.5	17
13	Robotic cochlear implantation: surgical procedure and first clinical experience. Acta Oto-Laryngologica, 2017, 137, 447-454.	0.9	94
14	In-Vivo Electrical Impedance Measurement in Mastoid Bone. Annals of Biomedical Engineering, 2017, 45, 1122-1132.	2.5	14
15	Instrument flight to the inner ear. Science Robotics, 2017, 2, .	17.6	75
16	A Neuromonitoring Approach to Facial Nerve Preservation During Image-guided Robotic Cochlear Implantation. Otology and Neurotology, 2016, 37, 89-98.	1.3	29
17	Track L. Devices and Systems for Surgical Intervention. Biomedizinische Technik, 2016, 61, 112-124.	0.8	0
18	Temperature Prediction Model for Bone Drilling Based on Density Distribution and In Vivo Experiments for Minimally Invasive Robotic Cochlear Implantation. Annals of Biomedical Engineering, 2016, 44, 1576-1586.	2.5	34

#	Article	IF	Citations
19	Feasibility of Using EMG for Early Detection of the Facial Nerve During Robotic Direct Cochlear Access. Otology and Neurotology, 2014, 35, 545-554.	1.3	16