

# Charles Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9761524/publications.pdf>

Version: 2024-02-01

10  
papers

351  
citations

1307594

7  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a neural interface for high-definition, long-term recording in rodents and nonhuman primates. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	145
2	Conductively coupled flexible silicon electronic systems for chronic neural electrophysiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9542-E9549.	7.1	50
3	Long-term recording reliability of liquid crystal polymer $\mu$ ECoG arrays. <i>Journal of Neural Engineering</i> , 2018, 15, 066024.	3.5	44
4	A low-cost, multiplexed $\mu$ ECoG system for high-density recordings in freely moving rodents. <i>Journal of Neural Engineering</i> , 2016, 13, 026030.	3.5	39
5	Flexible, high-resolution thin-film electrodes for human and animal neural research. <i>Journal of Neural Engineering</i> , 2021, 18, 045009.	3.5	28
6	Semi-chronic chamber system for simultaneous subdural electrocorticography, local field potentials, and spike recordings. , 2015, , .		15
7	A modular high-density $\mu$ ECoG system on macaque vIPFC for auditory cognitive decoding. <i>Journal of Neural Engineering</i> , 2020, 17, 046008.	3.5	11
8	Intraoperative microseizure detection using a high-density micro-electrocorticography electrode array. <i>Brain Communications</i> , 2022, 4, .	3.3	10
9	High-Density, Actively Multiplexed $\mu$ ECoG Array on Reinforced Silicone Substrate. <i>Frontiers in Nanotechnology</i> , 2022, 4, .	4.8	7
10	Simultaneous Recording and Stimulation Instrumentation for Closed Loop Spinal Cord Stimulation. , 2019, , .		0