

# Stuart Cogan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/629898/publications.pdf>

Version: 2024-02-01

13  
papers

250  
citations

1307594

7  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless transmission of voltage transients from a chronically implanted neural stimulation device. Journal of Neural Engineering, 2022, 19, 026049.	3.5	2
2	Insertion mechanics of amorphous SiC ultra-micro scale neural probes. Journal of Neural Engineering, 2022, 19, 026033.	3.5	9
3	Ultramicro-sized sputtered iridium oxide electrodes in buffered saline: Behavior, stability, and the effect of the perimeter to area ratio on their electrochemical properties. Electrochimica Acta, 2022, 423, 140514.	5.2	1
4	Silicone encapsulation of thin-film SiO <sub>x</sub> , SiO <sub>x</sub> N <sub>y</sub> and SiC for modern electronic medical implants: a comparative long-term ageing study. Journal of Neural Engineering, 2021, 18, 055003.	3.5	13
5	Wireless microelectrode arrays for selective and chronically stable peripheral nerve stimulation for hindlimb movement. Journal of Neural Engineering, 2021, 18, 056058.	3.5	3
6	Electrochemical characteristics of ultramicro-dimensioned SIROF electrodes for neural stimulation and recording. Journal of Neural Engineering, 2020, 17, 016022.	3.5	18
7	Activated iridium oxide film (AIROF) electrodes for neural tissue stimulation. Journal of Neural Engineering, 2020, 17, 056001.	3.5	18
8	A Meta-Analysis of Intracortical Device Stiffness and Its Correlation with Histological Outcomes. Micromachines, 2018, 9, 443.	2.9	47
9	Amorphous Silicon Carbide Platform for Next Generation Penetrating Neural Interface Designs. Micromachines, 2018, 9, 480.	2.9	22
10	Correlations between histology and neuronal activity recorded by microelectrodes implanted chronically in the cerebral cortex. Journal of Neural Engineering, 2016, 13, 036012.	3.5	72
11	Chronic in-vivo testing of a 16-channel implantable wireless neural stimulator. , 2015, 2015, 1017-20.		18
12	Chronic and low charge injection wireless intraneural stimulation in vivo. , 2015, 2015, 1013-6.		6
13	In-vivo tests of a 16-channel implantable wireless neural stimulator. , 2015, , .		21