

Stuart Cogan

List of Publications by Year in descending order

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