

Samuel R Nason

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5806546/publications.pdf>

Version: 2024-02-01

13
papers

270
citations

1307594

7
h-index

1474206

9
g-index

17
all docs

17
docs citations

17
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	A Light-Tolerant Wireless Neural Recording IC for Motor Prediction With Near-Infrared-Based Power and Data Telemetry. IEEE Journal of Solid-State Circuits, 2022, 57, 1061-1074.	5.4	19
2	A Power-Efficient Brain-Machine Interface System With a Sub-mw Feature Extraction and Decoding ASIC Demonstrated in Nonhuman Primates. IEEE Transactions on Biomedical Circuits and Systems, 2022, 16, 395-408.	4.0	6
3	A low-power communication scheme for wireless, 1000 channel brain-machine interfaces. Journal of Neural Engineering, 2022, 19, 036037.	3.5	6
4	Restoring upper extremity function with brain-machine interfaces. International Review of Neurobiology, 2021, 159, 153-186.	2.0	0
5	Bridging the "Last Millimeter" Gap of Brain-Machine Interfaces via Near-Infrared Wireless Power Transfer and Data Communications. ACS Photonics, 2021, 8, 1430-1438.	6.6	23
6	A Light Tolerant Neural Recording IC for Near-Infrared-Powered Free Floating Motes. , 2021, 2021, .		7
7	Neural Dynamics in Primate Cortex during Exposure to Subanesthetic Concentrations of Nitrous Oxide. ENeuro, 2021, 8, ENEURO.0479-20.2021.	1.9	0
8	Real-time linear prediction of simultaneous and independent movements of two finger groups using an intracortical brain-machine interface. Neuron, 2021, 109, 3164-3177.e8.	8.1	24
9	A low-power band of neuronal spiking activity dominated by local single units improves the performance of brain-machine interfaces. Nature Biomedical Engineering, 2020, 4, 973-983.	22.5	73
10	The future of upper extremity rehabilitation robotics: research and practice. Muscle and Nerve, 2020, 61, 708-718.	2.2	22
11	26.9 A 0.19Å—0.17mm ² Wireless Neural Recording IC for Motor Prediction with Near-Infrared-Based Power and Data Telemetry. , 2020, 2020, 416-418.		29
12	Design and testing of a 96-channel neural interface module for the Networked Neuroprosthesis system. Bioelectronic Medicine, 2019, 5, 3.	2.3	19
13	Cortical Decoding of Individual Finger Group Motions Using ReFIT Kalman Filter. Frontiers in Neuroscience, 2018, 12, 751.	2.8	36