

# Nicholas C Sinclair

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12040236/publications.pdf>

Version: 2024-02-01

15  
papers

700  
citations

1040056

9  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

830  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards guided and automated programming of subthalamic area stimulation in Parkinson's disease. Brain Communications, 2022, 4, fcac003.	3.3	3
2	Electrically evoked and spontaneous neural activity in the subthalamic nucleus under general anesthesia. Journal of Neurosurgery, 2022, 137, 449-458.	1.6	5
3	Can brain signals and anatomy refine contact choice for deep brain stimulation in Parkinson's disease?. Journal of Neurology, Neurosurgery and Psychiatry, 2022, , jnnp-2021-327708.	1.9	11
4	Feedback control for deep brain stimulation for motor disorders. Healthcare Technology Letters, 2020, 7, 72-75.	3.3	4
5	Tailoring Subthalamic Nucleus Deep Brain Stimulation for Parkinson's Disease Using Evoked Resonant Neural Activity. Frontiers in Human Neuroscience, 2020, 14, 71.	2.0	10
6	Deep brain stimulation for Parkinson's disease modulates high-frequency evoked and spontaneous neural activity. Neurobiology of Disease, 2019, 130, 104522.	4.4	48
7	On the neural basis of deep brain stimulation evoked resonant activity. Biomedical Physics and Engineering Express, 2019, 5, 057001.	1.2	10
8	Subthalamic nucleus deep brain stimulation evoked resonant neural activity predicts clinical response to DBS. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, A1.3-A2.	1.9	1
9	Subthalamic nucleus deep brain stimulation evokes resonant neural activity. Annals of Neurology, 2018, 83, 1027-1031.	5.3	67
10	Vision function testing for a suprachoroidal retinal prosthesis: effects of image filtering. Journal of Neural Engineering, 2016, 13, 036013.	3.5	35
11	neuroBi: A Highly Configurable Neurostimulator for a Retinal Prosthesis and Other Applications. IEEE Journal of Translational Engineering in Health and Medicine, 2015, 3, 1-11.	3.7	14
12	First-in-Human Trial of a Novel Suprachoroidal Retinal Prosthesis. PLoS ONE, 2014, 9, e115239.	2.5	274
13	Factors Affecting Perceptual Thresholds in a Suprachoroidal Retinal Prosthesis. , 2014, 55, 6467.		115
14	Propofol and Remifentanyl Differentially Modulate Frontal Electroencephalographic Activity. Anesthesiology, 2010, 113, 292-304.	2.5	44
15	Dissociating the effects of nitrous oxide on brain electrical activity using fixed order time series modeling. Computers in Biology and Medicine, 2008, 38, 1121-1130.	7.0	16