

# Beata Jarosiewicz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7782366/publications.pdf>

Version: 2024-02-01

23  
papers

3,778  
citations

471509

17  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

3632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reach and grasp by people with tetraplegia using a neurally controlled robotic arm. <i>Nature</i> , 2012, 485, 372-375.	27.8	2,186
2	Clinical translation of a high-performance neural prosthesis. <i>Nature Medicine</i> , 2015, 21, 1142-1145.	30.7	269
3	Virtual typing by people with tetraplegia using a self-calibrating intracortical brain-computer interface. <i>Science Translational Medicine</i> , 2015, 7, 313ra179.	12.4	249
4	Functional network reorganization during learning in a brain-computer interface paradigm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19486-19491.	7.1	248
5	Brain-responsive neurostimulation for epilepsy (RNS <sup>®</sup> System). <i>Epilepsy Research</i> , 2019, 153, 68-70.	1.6	132
6	Cortical control of a tablet computer by people with paralysis. <i>PLoS ONE</i> , 2018, 13, e0204566.	2.5	108
7	Neural Point-and-Click Communication by a Person With Incomplete Locked-In Syndrome. <i>Neurorehabilitation and Neural Repair</i> , 2015, 29, 462-471.	2.9	84
8	Advantages of closed-loop calibration in intracortical brain-computer interfaces for people with tetraplegia. <i>Journal of Neural Engineering</i> , 2013, 10, 046012.	3.5	83
9	The RNS System: brain-responsive neurostimulation for the treatment of epilepsy. <i>Expert Review of Medical Devices</i> , 2021, 18, 129-138.	2.8	54
10	Hippocampal Population Activity during the Small-Amplitude Irregular Activity State in the Rat. <i>Journal of Neuroscience</i> , 2002, 22, 1373-1384.	3.6	53
11	Feedback control policies employed by people using intracortical brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2017, 14, 016001.	3.5	41
12	Replay of Learned Neural Firing Sequences during Rest in Human Motor Cortex. <i>Cell Reports</i> , 2020, 31, 107581.	6.4	37
13	Functional Biases in Visual Cortex Neurons with Identified Projections to Higher Cortical Targets. <i>Current Biology</i> , 2012, 22, 269-277.	3.9	31
14	Hippocampal Place Cells Are Not Controlled by Visual Input during the Small Irregular Activity State in the Rat. <i>Journal of Neuroscience</i> , 2004, 24, 5070-5077.	3.6	30
15	Electrocorticographic events from long-term ambulatory brain recordings can potentially supplement seizure diaries. <i>Epilepsy Research</i> , 2020, 161, 106302.	1.6	30
16	Non-causal spike filtering improves decoding of movement intention for intracortical BCIs. <i>Journal of Neuroscience Methods</i> , 2014, 236, 58-67.	2.5	28
17	Principled BCI Decoder Design and Parameter Selection Using a Feedback Control Model. <i>Scientific Reports</i> , 2019, 9, 8881.	3.3	28
18	Level of Arousal During the Small Irregular Activity State in the Rat Hippocampal EEG. <i>Journal of Neurophysiology</i> , 2004, 91, 2649-2657.	1.8	23

#	ARTICLE	IF	CITATIONS
19	A Comparison of Intention Estimation Methods for Decoder Calibration in Intracortical Brain-Computer Interfaces. IEEE Transactions on Biomedical Engineering, 2018, 65, 2066-2078.	4.2	19
20	Retrospectively supervised click decoder calibration for self-calibrating point-and-click brain-computer interfaces. Journal of Physiology (Paris), 2016, 110, 382-391.	2.1	17
21	Sleep disruption is not observed with brain-responsive neurostimulation for epilepsy. Epilepsia Open, 2020, 5, 155-165.	2.4	12
22	Reprint of "Non-causal spike filtering improves decoding of movement intention for intracortical BCIs". Journal of Neuroscience Methods, 2015, 244, 94-103.	2.5	10
23	Mood and quality of life in patients treated with brain-responsive neurostimulation: The value of earlier intervention. Epilepsy and Behavior, 2021, 117, 107868.	1.7	6