

# Jacinta O'Shea

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

3,919  
citations

201385

27  
h-index

264894

42  
g-index

47  
all docs

47  
docs citations

47  
times ranked

4844  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarity-Sensitive Modulation of Cortical Neurotransmitters by Transcranial Stimulation. <i>Journal of Neuroscience</i> , 2009, 29, 5202-5206.	1.7	771
2	Functionally Specific Reorganization in Human Premotor Cortex. <i>Neuron</i> , 2007, 54, 479-490.	3.8	274
3	The neuroethics of non-invasive brain stimulation. <i>Current Biology</i> , 2012, 22, R108-R111.	1.8	185
4	Frontal Eye Fields Control Attentional Modulation of Alpha and Gamma Oscillations in Contralateral Occipitoparietal Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 1638-1647.	1.7	168
5	Contributions of the cerebellum and the motor cortex to acquisition and retention of motor memories. <i>NeuroImage</i> , 2014, 98, 147-158.	2.1	157
6	Local GABA concentration is related to network-level resting functional connectivity. <i>ELife</i> , 2014, 3, e01465.	2.8	157
7	Modulation of movement-associated cortical activation by transcranial direct current stimulation. <i>European Journal of Neuroscience</i> , 2009, 30, 1412-1423.	1.2	156
8	Cortical activation changes underlying stimulation-induced behavioural gains in chronic stroke. <i>Brain</i> , 2012, 135, 276-284.	3.7	156
9	Timing of Target Discrimination in Human Frontal Eye Fields. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1060-1067.	1.1	151
10	Predicting behavioural response to TDCS in chronic motor stroke. <i>NeuroImage</i> , 2014, 85, 924-933.	2.1	150
11	Functional specificity of human premotor-motor cortical interactions during action selection. <i>European Journal of Neuroscience</i> , 2007, 26, 2085-2095.	1.2	128
12	Individual Differences in White-Matter Microstructure Reflect Variation in Functional Connectivity during Choice. <i>Current Biology</i> , 2007, 17, 1426-1431.	1.8	124
13	Rehabilitation of spatial neglect by prism adaptation. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 594-609.	2.9	122
14	Noninvasive Associative Plasticity Induction in a Corticocortical Pathway of the Human Brain. <i>Journal of Neuroscience</i> , 2011, 31, 17669-17679.	1.7	112
15	Unmasking Latent Inhibitory Connections in Human Cortex to Reveal Dormant Cortical Memories. <i>Neuron</i> , 2016, 90, 191-203.	3.8	112
16	Frontal Cortex Stimulation Reduces Vigilance to Threat: Implications for the Treatment of Depression and Anxiety. <i>Biological Psychiatry</i> , 2016, 79, 823-830.	0.7	109
17	Effect of prism adaptation on left dichotic listening deficit in neglect patients: glasses to hear better?. <i>Brain</i> , 2010, 133, 895-908.	3.7	91
18	Effect of Prefrontal Cortex Stimulation on Regulation of Amygdala Response to Threat in Individuals With Trait Anxiety. <i>JAMA Psychiatry</i> , 2019, 76, 71.	6.0	84

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19	Methodology for tDCS integration with fMRI. <i>Human Brain Mapping</i> , 2020, 41, 1950-1967.	1.9	69
20	Visualization of Altered Neurovascular Coupling in Chronic Stroke Patients using Multimodal Functional MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 2044-2054.	2.4	64
21	Controlling Human Striatal Cognitive Function via the Frontal Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 5631-5637.	1.7	60
22	Three timescales in prism adaptation. <i>Journal of Neurophysiology</i> , 2015, 113, 328-338.	0.9	56
23	Neural basis of induced phantom limb pain relief. <i>Annals of Neurology</i> , 2019, 85, 59-73.	2.8	54
24	Transcranial magnetic stimulation. <i>Current Biology</i> , 2007, 17, R196-R199.	1.8	52
25	Induced sensorimotor cortex plasticity remediates chronic treatment-resistant visual neglect. <i>ELife</i> , 2017, 6, .	2.8	52
26	Kinematic markers dissociate error correction from sensorimotor realignment during prism adaptation. <i>Neuropsychologia</i> , 2014, 55, 15-24.	0.7	48
27	Towards a neuro-computational account of prism adaptation. <i>Neuropsychologia</i> , 2018, 115, 188-203.	0.7	29
28	Human Frontal Eye Fields and Spatial Priming of Pop-out. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1140-1151.	1.1	28
29	Imaging causal interactions during sensorimotor processing. <i>Cortex</i> , 2008, 44, 598-608.	1.1	26
30	On the roles of the human frontal eye fields and parietal cortex in visual search. <i>Visual Cognition</i> , 2006, 14, 934-957.	0.9	21
31	Imaging the effects of rTMS-induced cortical plasticity. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 425-436.	0.4	20
32	Left-Deviating Prism Adaptation in Left Neglect Patient: Reflexions on a Negative Result. <i>Neural Plasticity</i> , 2012, 2012, 1-10.	1.0	19
33	Testing the inter-hemispheric competition account of visual extinction with combined TMS/fMRI. <i>Neuropsychologia</i> , 2015, 74, 63-73.	0.7	19
34	Precision non-implantable neuromodulation therapies: a perspective for the depressed brain. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 403-419.	0.9	19
35	Controlling striatal function via anterior frontal cortex stimulation. <i>Scientific Reports</i> , 2018, 8, 3312.	1.6	14
36	No Effect of Anodal Transcranial Direct Current Stimulation (tDCS) Over hMT+ on Motion Perception Learning. <i>Frontiers in Neuroscience</i> , 2018, 12, 1044.	1.4	12

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37	Cognitive Neurology: Stimulating Research on Neglect. <i>Current Biology</i> , 2009, 19, R76-R78.	1.8	11
38	Studying the neural bases of prism adaptation using fMRI: A technical and design challenge. <i>Behavior Research Methods</i> , 2017, 49, 2031-2043.	2.3	10
39	Visual Awareness: The Eye Fields Have It?. <i>Current Biology</i> , 2004, 14, R279-R281.	1.8	7
40	Cognitive Neuroscience: Trickle-Down Theories of Vision. <i>Current Biology</i> , 2006, 16, R206-R209.	1.8	7
41	Age-related decline in cortical inhibitory tone strengthens motor memory. <i>NeuroImage</i> , 2021, 245, 118681.	2.1	5
42	Inducing Affective Learning Biases with Cognitive Training and Prefrontal tDCS: A Proof-of-Concept Study. <i>Cognitive Therapy and Research</i> , 2021, 45, 869-884.	1.2	4
43	Modulating reward learning with transcranial direct current stimulation: Applications for the treatment of depression. <i>L'Encephale</i> , 2019, 45, S75-S76.	0.3	0