

Charlotte L Rae

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,504
citations

430843

18
h-index

395678

33
g-index

44
all docs

44
docs citations

44
times ranked

2504
citing authors

#	ARTICLE	IF	CITATIONS
1	The Prefrontal Cortex Achieves Inhibitory Control by Facilitating Subcortical Motor Pathway Connectivity. <i>Journal of Neuroscience</i> , 2015, 35, 786-794.	3.6	184
2	Selection and stopping in voluntary action: A meta-analysis and combined fMRI study. <i>NeuroImage</i> , 2014, 86, 381-391.	4.2	123
3	Selective serotonin reuptake inhibition modulates response inhibition in Parkinson's disease. <i>Brain</i> , 2014, 137, 1145-1155.	7.6	113
4	White matter pathology in Parkinson's disease: The effect of imaging protocol differences and relevance to executive function. <i>NeuroImage</i> , 2012, 62, 1675-1684.	4.2	102
5	Improving Response Inhibition in Parkinson's Disease with Atomoxetine. <i>Biological Psychiatry</i> , 2015, 77, 740-748.	1.3	93
6	Learning to play a melody: An fMRI study examining the formation of auditory-motor associations. <i>NeuroImage</i> , 2012, 59, 1200-1208.	4.2	91
7	Atomoxetine restores the response inhibition network in Parkinson's disease. <i>Brain</i> , 2016, 139, 2235-2248.	7.6	76
8	The medial frontal-prefrontal network for altered awareness and control of action in corticobasal syndrome. <i>Brain</i> , 2014, 137, 208-220.	7.6	66
9	Predicting beneficial effects of atomoxetine and citalopram on response inhibition in Parkinson's disease with clinical and neuroimaging measures. <i>Human Brain Mapping</i> , 2016, 37, 1026-1037.	3.6	60
10	Deficits in Neurite Density Underlie White Matter Structure Abnormalities in First-Episode Psychosis. <i>Biological Psychiatry</i> , 2017, 82, 716-725.	1.3	59
11	Centrality of prefrontal and motor preparation cortices to Tourette Syndrome revealed by meta-analysis of task-based neuroimaging studies. <i>NeuroImage: Clinical</i> , 2017, 16, 257-267.	2.7	57
12	A Bayesian Account of the Sensory-Motor Interactions Underlying Symptoms of Tourette Syndrome. <i>Frontiers in Psychiatry</i> , 2019, 10, 29.	2.6	47
13	Can't get it off my brain: Meta-analysis of neuroimaging studies on perseverative cognition. <i>Psychiatry Research - Neuroimaging</i> , 2020, 295, 111020.	1.8	47
14	Atomoxetine Enhances Connectivity of Prefrontal Networks in Parkinson's Disease. <i>Neuropsychopharmacology</i> , 2016, 41, 2171-2177.	5.4	43
15	Response inhibition on the stop signal task improves during cardiac contraction. <i>Scientific Reports</i> , 2018, 8, 9136.	3.3	38
16	Dimensions of interoception predict premonitory urges and tic severity in Tourette syndrome. <i>Psychiatry Research</i> , 2019, 271, 469-475.	3.3	37
17	Face perception enhances insula and motor network reactivity in Tourette syndrome. <i>Brain</i> , 2018, 141, 3249-3261.	7.6	32
18	Joint Hypermobility Links Neurodivergence to Dysautonomia and Pain. <i>Frontiers in Psychiatry</i> , 2021, 12, 786916.	2.6	28

#	ARTICLE	IF	CITATIONS
19	Disruption of brainstem monoaminergic fibre tracts in multiple sclerosis as a putative mechanism for cognitive fatigue: a fixel-based analysis. <i>NeuroImage: Clinical</i> , 2021, 30, 102587.	2.7	26
20	Impact of cardiac interoception cues and confidence on voluntary decisions to make or withhold action in an intentional inhibition task. <i>Scientific Reports</i> , 2020, 10, 4184.	3.3	22
21	Interoceptive accuracy predicts nonplanning trait impulsivity. <i>Psychophysiology</i> , 2019, 56, e13339.	2.4	20
22	Impairment of perceptual metacognitive accuracy and reduced prefrontal grey matter volume in first-episode psychosis. <i>Cognitive Neuropsychiatry</i> , 2018, 23, 165-179.	1.3	19
23	Network abnormalities in generalized anxiety pervade beyond the amygdala-pre-frontal cortex circuit: Insights from graph theory. <i>Psychiatry Research - Neuroimaging</i> , 2018, 281, 107-116.	1.8	17
24	Signatures of alcohol use in the structure and neurochemistry of insular cortex: a correlational study. <i>Psychopharmacology</i> , 2019, 236, 2579-2591.	3.1	16
25	Amplified engagement of prefrontal cortex during control of voluntary action in Tourette syndrome. <i>Brain Communications</i> , 2020, 2, fcaa199.	3.3	15
26	Climate crisis and ecological emergency: Why they concern (neuro)scientists, and what we can do. <i>Brain and Neuroscience Advances</i> , 2022, 6, 239821282210754.	3.4	15
27	Atomoxetine and citalopram alter brain network organization in Parkinson's disease. <i>Brain Communications</i> , 2019, 1, fcz013.	3.3	10
28	Differential brain responses for perception of pain during empathic response in binge drinkers compared to non-binge drinkers. <i>NeuroImage: Clinical</i> , 2020, 27, 102322.	2.7	9
29	The pre-supplementary motor area achieves inhibitory control by modulating response thresholds. <i>Cortex</i> , 2022, 152, 98-108.	2.4	8
30	Subjective embodiment during the rubber hand illusion predicts severity of premonitory sensations and tics in Tourette Syndrome. <i>Consciousness and Cognition</i> , 2018, 65, 368-377.	1.5	4
31	In vivo evidence of functional disconnection between brainstem monoaminergic nuclei and brain networks in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 56, 103224.	2.0	4
32	Fractionation of parietal function in bistable perception probed with concurrent TMS-EEG. <i>Scientific Data</i> , 2016, 3, 160065.	5.3	2
33	Mechanistic insight into the pathophysiological basis of Tourette syndrome. <i>International Review of Movement Disorders</i> , 2022, , 209-244.	0.1	1
34	Greening human brain mapping: sustainability and environment action at OHBM 2021. , 2022, , .		0