

Rosalyn J Moran

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,546
citations

567281

15
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

1907
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Energy, Precision and Learning: The Role of Cholinergic Neuromodulation. <i>Journal of Neuroscience</i> , 2013, 33, 8227-8236.	3.6	252
2	Neural masses and fields in dynamic causal modeling. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 57.	2.1	210
3	Evidence that Subanesthetic Doses of Ketamine Cause Sustained Disruptions of NMDA and AMPA-Mediated Frontoparietal Connectivity in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 11694-11706.	3.6	202
4	Alterations in Brain Connectivity Underlying Beta Oscillations in Parkinsonism. <i>PLoS Computational Biology</i> , 2011, 7, e1002124.	3.2	160
5	An InVivo Assay of Synaptic Function Mediating Human Cognition. <i>Current Biology</i> , 2011, 21, 1320-1325.	3.9	124
6	Dynamic Causal Models and Physiological Inference: A Validation Study Using Isoflurane Anaesthesia in Rodents. <i>PLoS ONE</i> , 2011, 6, e22790.	2.5	83
7	Losing Control Under Ketamine: Suppressed Cortico-Hippocampal Drive Following Acute Ketamine in Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 268-277.	5.4	73
8	Consistent spectral predictors for dynamic causal models of steady-state responses. <i>NeuroImage</i> , 2011, 55, 1694-1708.	4.2	66
9	Circadian dynamics in measures of cortical excitation and inhibition balance. <i>Scientific Reports</i> , 2016, 6, 33661.	3.3	58
10	Precision and neuronal dynamics in the human posterior parietal cortex during evidence accumulation. <i>NeuroImage</i> , 2015, 107, 219-228.	4.2	48
11	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 89.	1.8	41
12	Second waves, social distancing, and the spread of COVID-19 across America. <i>Wellcome Open Research</i> , 2020, 5, 103.	1.8	40
13	Profiling neuronal ion channelopathies with non-invasive brain imaging and dynamic causal models: Case studies of single gene mutations. <i>NeuroImage</i> , 2016, 124, 43-53.	4.2	33
14	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 89.	1.8	32
15	Dynamic causal modelling of seizure activity in a rat model. <i>NeuroImage</i> , 2017, 146, 518-532.	4.2	27
16	Second waves, social distancing, and the spread of COVID-19 across the USA. <i>Wellcome Open Research</i> , 2020, 5, 103.	1.8	20
17	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 0, 5, 144.	1.8	12
18	Estimating required "lockdown" cycles before immunity to SARS-CoV-2: model-based analyses of susceptible population sizes, S_0 , in seven European countries, including the UK and Ireland. <i>Wellcome Open Research</i> , 0, 5, 85.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Deep brain stimulation for neurodegenerative disease. <i>Progress in Brain Research</i> , 2015, 222, 125-146.	1.4	8
20	Aging into Perceptual Control: A Dynamic Causal Modeling for fMRI Study of Bistable Perception. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 141.	2.0	8
21	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020, 5, 204.	1.8	7
22	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020, 5, 204.	1.8	6
23	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 0, 5, 144.	1.8	3
24	Dynamic causal modelling of immune heterogeneity. <i>Scientific Reports</i> , 2021, 11, 11400.	3.3	3
25	Augmenting Human Selves Through Artificial Agents – Lessons From the Brain. <i>Frontiers in Computational Neuroscience</i> , 0, 16, .	2.1	3
26	Second waves, social distancing, and the spread of COVID-19 across the USA. <i>Wellcome Open Research</i> , 0, 5, 103.	1.8	2