

# Rosalyn J Moran

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3705685/publications.pdf>

Version: 2024-02-01

26  
papers

1,546  
citations

566801

15  
h-index

713013

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.	1.7	252
2	Neural masses and fields in dynamic causal modeling. <i>Frontiers in Computational Neuroscience</i> , 2013, 7, 57.	1.2	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.	1.7	202
4	Alterations in Brain Connectivity Underlying Beta Oscillations in Parkinsonism. <i>PLoS Computational Biology</i> , 2011, 7, e1002124.	1.5	160
5	An InVivo Assay of Synaptic Function Mediating Human Cognition. <i>Current Biology</i> , 2011, 21, 1320-1325.	1.8	124
6	Dynamic Causal Models and Physiological Inference: A Validation Study Using Isoflurane Anaesthesia in Rodents. <i>PLoS ONE</i> , 2011, 6, e22790.	1.1	83
7	Losing Control Under Ketamine: Suppressed Cortico-Hippocampal Drive Following Acute Ketamine in Rats. <i>Neuropsychopharmacology</i> , 2015, 40, 268-277.	2.8	73
8	Consistent spectral predictors for dynamic causal models of steady-state responses. <i>NeuroImage</i> , 2011, 55, 1694-1708.	2.1	66
9	Circadian dynamics in measures of cortical excitation and inhibition balance. <i>Scientific Reports</i> , 2016, 6, 33661.	1.6	58
10	Precision and neuronal dynamics in the human posterior parietal cortex during evidence accumulation. <i>NeuroImage</i> , 2015, 107, 219-228.	2.1	48
11	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 89.	0.9	41
12	Second waves, social distancing, and the spread of COVID-19 across America. <i>Wellcome Open Research</i> , 2020, 5, 103.	0.9	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.	2.1	33
14	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 89.	0.9	32
15	Dynamic causal modelling of seizure activity in a rat model. <i>NeuroImage</i> , 2017, 146, 518-532.	2.1	27
16	Second waves, social distancing, and the spread of COVID-19 across the USA. <i>Wellcome Open Research</i> , 2020, 5, 103.	0.9	20
17	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 0, 5, 144.	0.9	12
18	Estimating required "lockdown" cycles before immunity to SARS-CoV-2: model-based analyses of susceptible population sizes, "S0", in seven European countries, including the UK and Ireland. <i>Wellcome Open Research</i> , 0, 5, 85.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Deep brain stimulation for neurodegenerative disease. <i>Progress in Brain Research</i> , 2015, 222, 125-146.	0.9	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.	1.0	8
21	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020, 5, 204.	0.9	7
22	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020, 5, 204.	0.9	6
23	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 0, 5, 144.	0.9	3
24	Dynamic causal modelling of immune heterogeneity. <i>Scientific Reports</i> , 2021, 11, 11400.	1.6	3
25	Augmenting Human Selves Through Artificial Agents – Lessons From the Brain. <i>Frontiers in Computational Neuroscience</i> , 0, 16, .	1.2	3
26	Second waves, social distancing, and the spread of COVID-19 across the USA. <i>Wellcome Open Research</i> , 0, 5, 103.	0.9	2