

# Oliver Hulme

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37  
papers

924  
citations

15  
h-index

30  
g-index

40  
ext. papers

1,069  
ext. citations

5.2  
avg, IF

3.94  
L-index

#	Paper	IF	Citations
37	Modulation of aesthetic value by semantic context: an fMRI study. <i>NeuroImage</i> , <b>2009</b> , 44, 1125-32	7.9	230
36	Bayesian decoding of brain images. <i>NeuroImage</i> , <b>2008</b> , 39, 181-205	7.9	155
35	The known unknowns: neural representation of second-order uncertainty, and ambiguity. <i>Journal of Neuroscience</i> , <b>2011</b> , 31, 4811-20	6.6	61
34	Motivational tuning of fronto-subthalamic connectivity facilitates control of action impulses. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 3210-7	6.6	57
33	Levodopa reinstates connectivity from prefrontal to premotor cortex during externally paced movement in Parkinson's disease. <i>NeuroImage</i> , <b>2014</b> , 90, 15-23	7.9	43
32	Simultaneous representation of a spectrum of dynamically changing value estimates during decision making. <i>Nature Communications</i> , <b>2017</b> , 8, 1942	17.4	42
31	Variation in the oxytocin receptor gene is associated with behavioral and neural correlates of empathic accuracy. <i>Frontiers in Behavioral Neuroscience</i> , <b>2014</b> , 8, 423	3.5	36
30	Attenuated neural response to gamble outcomes in drug-naive patients with Parkinson's disease. <i>Brain</i> , <b>2013</b> , 136, 1192-203	11.2	36
29	Effects of category-specific costs on neural systems for perceptual decision-making. <i>Journal of Neurophysiology</i> , <b>2010</b> , 103, 3238-47	3.2	34
28	The sightless view: neural correlates of occluded objects. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 1197-205	5.1	24
27	Asymptotic estimates of SARS-CoV-2 infection counts and their sensitivity to stochastic perturbation. <i>Chaos</i> , <b>2020</b> , 30, 051107	3.3	23
26	Spatially distributed encoding of covert attentional shifts in human thalamus. <i>Journal of Neurophysiology</i> , <b>2010</b> , 104, 3644-56	3.2	22
25	Neural correlates of stimulus reportability. <i>Journal of Cognitive Neuroscience</i> , <b>2009</b> , 21, 1602-10	3.1	21
24	Fairness, fast and slow: A review of dual process models of fairness. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2018</b> , 89, 49-60	9	18
23	Altered auditory processing and effective connectivity in 22q11.2 deletion syndrome. <i>Schizophrenia Research</i> , <b>2018</b> , 197, 328-336	3.6	15
22	Tuning the Brake While Raising the Stake: Network Dynamics during Sequential Decision-Making. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 5417-26	6.6	15
21	Patient profiling for success after weight loss surgery (GO Bypass study): An interdisciplinary study protocol. <i>Contemporary Clinical Trials Communications</i> , <b>2018</b> , 10, 121-130	1.8	14

20	Sparse encoding of automatic visual association in hippocampal networks. <i>NeuroImage</i> , <b>2014</b> , 102 Pt 2, 458-64	7.9	11
19	Chasing probabilities - Signaling negative and positive prediction errors across domains. <i>NeuroImage</i> , <b>2016</b> , 134, 180-191	7.9	11
18	The encoding of temporally irregular and regular visual patterns in the human brain. <i>PLoS ONE</i> , <b>2008</b> , 3, e2180	3.7	9
17	A Bayesian reanalysis of the effects of hydroxychloroquine and azithromycin on viral carriage in patients with COVID-19		8
16	Stress and reward: long term cortisol exposure predicts the strength of sexual preference. <i>Physiology and Behavior</i> , <b>2014</b> , 131, 33-40	3.5	7
15	The Homeostatic Logic of Reward		7
14	Neurocomputational theories of homeostatic control. <i>Physics of Life Reviews</i> , <b>2019</b> , 31, 214-232	2.1	5
13	Second waves, social distancing, and the spread of COVID-19 across America. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 103	4.8	5
12	Imaging the Creative Unconscious: Reflexive Neural Responses to Objects in the Visual and Parahippocampal Region Predicts State and Trait Creativity. <i>Scientific Reports</i> , <b>2017</b> , 7, 14420	4.9	4
11	A Bayesian reanalysis of the effects of hydroxychloroquine and azithromycin on viral carriage in patients with COVID-19. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245048	3.7	4
10	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , <b>2020</b> , 5, 204	4.8	3
9	Ergodicity-Breaking Reveals Time Optimal Economic Behavior in Humans <b>2019</b> ,		3
8	Reward signalling in brainstem nuclei under glycemic flux		1
7	Choice history effects in mice and humans improve reward harvesting efficiency. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009452	5	0
6	Extending models of "How Foraging Works": Uncertainty, controllability, and survivability. <i>Behavioral and Brain Sciences</i> , <b>2019</b> , 42, e43	0.9	0
5	Dopamine agonist treatment increases sensitivity to gamble outcomes in the hippocampus in de novo Parkinson's disease. <i>NeuroImage: Clinical</i> , <b>2020</b> , 28, 102362	5.3	0
4	Reward signalling in brainstem nuclei under fluctuating blood glucose. <i>PLoS ONE</i> , <b>2021</b> , 16, e0243899	3.7	0
3	Ergodicity-breaking reveals time optimal decision making in humans. <i>PLoS Computational Biology</i> , <b>2021</b> , 17, e1009217	5	0

2	The Danish High-Risk and Resilience Study-VIA 15 - A Study Protocol for the Third Clinical Assessment of a Cohort of 522 Children Born to Parents Diagnosed With Schizophrenia or Bipolar Disorder and Population-Based Controls.. <i>Frontiers in Psychiatry</i> , <b>2022</b> , 13, 809807	5	0
1	The fresh evidence on model comparison and alternative interpretations of feedback. <i>Behavioral and Brain Sciences</i> , <b>2007</b> , 30, 505-506	0.9	