

# Matthew A J Apps

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/379497/publications.pdf>

Version: 2024-02-01

44  
papers

4,099  
citations

159585

30  
h-index

243625

44  
g-index

52  
all docs

52  
docs citations

52  
times ranked

4899  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Anterior Cingulate Gyrus and Social Cognition: Tracking the Motivation of Others. <i>Neuron</i> , 2016, 90, 692-707.	8.1	381
2	The free-energy self: A predictive coding account of self-recognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 41, 85-97.	6.1	364
3	Justify your alpha. <i>Nature Human Behaviour</i> , 2018, 2, 168-171.	12.0	310
4	Reward Pays the Cost of Noise Reduction in Motor and Cognitive Control. <i>Current Biology</i> , 2015, 25, 1707-1716.	3.9	272
5	The anatomy of apathy: A neurocognitive framework for amotivated behaviour. <i>Neuropsychologia</i> , 2018, 118, 54-67.	1.6	228
6	Neurocomputational mechanisms underlying subjective valuation of effort costs. <i>PLoS Biology</i> , 2017, 15, e1002598.	5.6	203
7	Resilience during uncertainty? Greater social connectedness during COVID-19 lockdown is associated with reduced distress and fatigue. <i>British Journal of Health Psychology</i> , 2021, 26, 553-569.	3.5	202
8	“Bodily precision”: a predictive coding account of individual differences in interoceptive accuracy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160003.	4.0	155
9	Neurocomputational mechanisms of prosocial learning and links to empathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9763-9768.	7.1	151
10	Distinct Subtypes of Apathy Revealed by the Apathy Motivation Index. <i>PLoS ONE</i> , 2017, 12, e0169938.	2.5	138
11	National identity predicts public health support during a global pandemic. <i>Nature Communications</i> , 2022, 13, 517.	12.8	127
12	Is There a “Social” Brain? Implementations and Algorithms. <i>Trends in Cognitive Sciences</i> , 2020, 24, 802-813.	7.8	117
13	Prosocial apathy for helping others when effort is required. <i>Nature Human Behaviour</i> , 2017, 1, 0131.	12.0	111
14	Motivational fatigue: A neurocognitive framework for the impact of effortful exertion on subsequent motivation. <i>Neuropsychologia</i> , 2019, 123, 141-151.	1.6	110
15	The role of the midcingulate cortex in monitoring others' decisions. <i>Frontiers in Neuroscience</i> , 2013, 7, 251.	2.8	106
16	Encoding of Vicarious Reward Prediction in Anterior Cingulate Cortex and Relationship with Trait Empathy. <i>Journal of Neuroscience</i> , 2015, 35, 13720-13727.	3.6	90
17	The Anterior Cingulate Gyrus Signals the Net Value of Others' Rewards. <i>Journal of Neuroscience</i> , 2014, 34, 6190-6200.	3.6	86
18	The role of cognitive effort in subjective reward devaluation and risky decision-making. <i>Scientific Reports</i> , 2015, 5, 16880.	3.3	81

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19	Plasticity in Unimodal and Multimodal Brain Areas Reflects Multisensory Changes in Self-Face Identification. <i>Cerebral Cortex</i> , 2015, 25, 46-55.	2.9	67
20	Disrupted prediction errors index social deficits in autism spectrum disorder. <i>Brain</i> , 2017, 140, 235-246.	7.6	63
21	Neural mechanisms for learning self and other ownership. <i>Nature Communications</i> , 2018, 9, 4747.	12.8	61
22	Vicarious Reinforcement Learning Signals When Instructing Others. <i>Journal of Neuroscience</i> , 2015, 35, 2904-2913.	3.6	59
23	Effort but not Reward Sensitivity is Altered by Acute Sickness Induced by Experimental Endotoxemia in Humans. <i>Neuropsychopharmacology</i> , 2018, 43, 1107-1118.	5.4	59
24	Dopamine Modulates Dynamic Decision-Making during Foraging. <i>Journal of Neuroscience</i> , 2020, 40, 5273-5282.	3.6	46
25	Connectivity-based parcellation increases network detection sensitivity in resting state fMRI: An investigation into the cingulate cortex in autism. <i>NeuroImage: Clinical</i> , 2016, 11, 494-507.	2.7	45
26	Reinforcement learning signals in the anterior cingulate cortex code for others' false beliefs. <i>NeuroImage</i> , 2013, 64, 1-9.	4.2	43
27	The different faces of one's self: An fMRI study into the recognition of current and past self-facial appearances. <i>NeuroImage</i> , 2012, 63, 1720-1729.	4.2	37
28	Aging Increases Prosocial Motivation for Effort. <i>Psychological Science</i> , 2021, 32, 668-681.	3.3	37
29	Predictive codes of familiarity and context during the perceptual learning of facial identities. <i>Nature Communications</i> , 2013, 4, 2698.	12.8	36
30	The anterior cingulate cortex: Monitoring the outcomes of others' decisions. <i>Social Neuroscience</i> , 2012, 7, 424-435.	1.3	35
31	Social Learning in the Medial Prefrontal Cortex. <i>Trends in Cognitive Sciences</i> , 2017, 21, 151-152.	7.8	35
32	Effort shapes social cognition and behaviour: A neuro-cognitive framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 426-439.	6.1	32
33	Neural and computational mechanisms of momentary fatigue and persistence in effort-based choice. <i>Nature Communications</i> , 2021, 12, 4593.	12.8	32
34	Contributions of the Medial Prefrontal Cortex to Social Influence in Economic Decision-Making. <i>Cerebral Cortex</i> , 2017, 27, 4635-4648.	2.9	27
35	Computational modelling reveals distinct patterns of cognitive and physical motivation in elite athletes. <i>Scientific Reports</i> , 2018, 8, 11888.	3.3	23
36	Prosocial behavior is associated with transdiagnostic markers of affective sensitivity in multiple domains. <i>Emotion</i> , 2022, 22, 820-835.	1.8	20

#	ARTICLE	IF	CITATIONS
37	Predicting attitudinal and behavioral responses to COVID-19 pandemic using machine learning. , 0, , .		18
38	Dorsal Anterior Cingulate Cortices Differentially Lateralize Prediction Errors and Outcome Valence in a Decision-Making Task. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 203.	2.0	16
39	Anterior cingulate cortex: A brain system necessary for learning to reward others?. <i>PLoS Biology</i> , 2020, 18, e3000735.	5.6	13
40	Foraging optimally in social neuroscience: computations and methodological considerations. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 16, 782-794.	3.0	11
41	Not on my team: Medial prefrontal cortex responses to ingroup fusion and unfair monetary divisions. <i>Brain and Behavior</i> , 2018, 8, e01030.	2.2	10
42	Reputation in an economic game modulates premotor cortex activity during action observation. <i>European Journal of Neuroscience</i> , 2016, 44, 2191-2201.	2.6	9
43	Commentary: Noradrenaline and Dopamine Neurons in the Reward/Effort Trade-off: A Direct Electrophysiological Comparison in Behaving Monkeys. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 310.	2.0	5
44	Stimulating cingulate: distinct behaviours arise from discrete zones. <i>Brain</i> , 2018, 141, 2827-2830.	7.6	2