Hanneke E M Den Ouden

List of Publications by Year
in descending order

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48	5,043	159585 30	189892 50
papers	citations	h-index	g-index

60	60	60	6179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ten simple rules for dynamic causal modeling. NeuroImage, 2010, 49, 3099-3109.	4.2	712
2	Nonlinear dynamic causal models for fMRI. NeuroImage, 2008, 42, 649-662.	4.2	374
3	How Prediction Errors Shape Perception, Attention, and Motivation. Frontiers in Psychology, 2012, 3, 548.	2.1	341
4	Striatal Prediction Error Modulates Cortical Coupling. Journal of Neuroscience, 2010, 30, 3210-3219.	3.6	294
5	Hierarchical Prediction Errors in Midbrain and Basal Forebrain during Sensory Learning. Neuron, 2013, 80, 519-530.	8.1	285
6	A Dual Role for Prediction Error in Associative Learning. Cerebral Cortex, 2009, 19, 1175-1185.	2.9	273
7	Thinking about intentions. NeuroImage, 2005, 28, 787-796.	4.2	243
8	Do patients with schizophrenia exhibit aberrant salience?. Psychological Medicine, 2009, 39, 199-209.	4.5	237
9	Adolescent development of the neural circuitry for thinking about intentions. Social Cognitive and Affective Neuroscience, 2007, 2, 130-139.	3.0	211
10	Dissociable Effects of Dopamine and Serotonin on Reversal Learning. Neuron, 2013, 80, 1090-1100.	8.1	210
11	The Human Basal Ganglia Modulate Frontal-Posterior Connectivity during Attention Shifting. Journal of Neuroscience, 2010, 30, 9910-9918.	3.6	142
12	Observing the Observer (I): Meta-Bayesian Models of Learning and Decision-Making. PLoS ONE, 2010, 5, e15554.	2.5	130
13	A hemodynamic model for layered BOLD signals. NeuroImage, 2016, 125, 556-570.	4.2	128
14	Effective Connectivity Determines the Nature of Subjective Experience in Grapheme-Color Synesthesia. Journal of Neuroscience, 2011, 31, 9879-9884.	3.6	109
15	The Cerebral Network of Parkinson's Tremor: An Effective Connectivity fMRI Study. Journal of Neuroscience, 2016, 36, 5362-5372.	3.6	104
16	Dopamine controls Parkinsonâ€™s tremor by inhibiting the cerebellar thalamus. Brain, 2017, 140, aww331.	7.6	101
17	Aversive Pavlovian Control of Instrumental Behavior in Humans. Journal of Cognitive Neuroscience, 2013, 25, 1428-1441.	2.3	92
18	Catecholaminergic challenge uncovers distinct Pavlovian and instrumental mechanisms of motivated (in)action. ELife, 2017, 6, .	6.0	77

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19	Converging evidence for central 5-HT effects in acute tryptophan depletion. Molecular Psychiatry, 2012, 17, 121-123.	7.9	66
20	Reduced Serotonin Transporter Availability Decreases Prefrontal Control of the Amygdala. Journal of Neuroscience, 2013, 33, 8974-8979.	3.6	59
21	Modulation of value-based decision making behavior by subregions of the rat prefrontal cortex. Psychopharmacology, 2020, 237, 1267-1280.	3.1	57
22	Serotonin and Aversive Pavlovian Control of Instrumental Behavior in Humans. Journal of Neuroscience, 2013, 33, 18932-18939.	3.6	56
23	A neuronal mechanism underlying decision-making deficits during hyperdopaminergic states. Nature Communications, 2018, 9, 731.	12.8	56
24	How Administration of the Beta-Blocker Propranolol Before Extinction can Prevent the Return of Fear. Neuropsychopharmacology, 2016, 41, 1569-1578.	5.4	50
25	Selective Attentional Enhancement and Inhibition of Fronto-Posterior Connectivity by the Basal Ganglia During Attention Switching. Cerebral Cortex, 2015, 25, 1527-1534.	2.9	47
26	GABAergic changes in the thalamocortical circuit in Parkinson's disease. Human Brain Mapping, 2020, 41, 1017-1029.	3.6	46
27	Observing the Observer (II): Deciding When to Decide. PLoS ONE, 2010, 5, e15555.	2.5	43
28	Dopaminergic Modulation of the Functional Ventrodorsal Architecture of the Human Striatum. Cerebral Cortex, 2017, 27, bhv243.	2.9	42
29	Adaptive and aberrant reward prediction signals in the human brain. NeuroImage, 2010, 50, 657-664.	4.2	40
30	Modeling flexible behavior in childhood to adulthood shows age-dependent learning mechanisms and less optimal learning in autism in each age group. PLoS Biology, 2020, 18, e3000908.	5.6	37
31	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. Biological Psychiatry, 2020, 88, e5-e10.	1.3	36
32	Colour helps to solve the binocular matching problem. Journal of Physiology, 2005, 567, 665-671.	2.9	35
33	The Social Dominance Paradox. Current Biology, 2014, 24, 2812-2816.	3.9	35
34	Frontal network dynamics reflect neurocomputational mechanisms for reducing maladaptive biases in motivated action. PLoS Biology, 2018, 16, e2005979.	5.6	35
35	Suicidal thoughts and behaviors are associated with an increased decision-making bias for active responses to escape aversive states.. Journal of Abnormal Psychology, 2019, 128, 106-118.	1.9	33
36	Catecholaminergic modulation of the avoidance of cognitive control.. Journal of Experimental Psychology: General, 2018, 147, 1763-1781.	2.1	33

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37	Pavlovian Control of Escape and Avoidance. Journal of Cognitive Neuroscience, 2018, 30, 1379-1390.	2.3	32
38	Effects of dopamine on reinforcement learning in Parkinsonâ€™s disease depend on motor phenotype. Brain, 2020, 143, 3422-3434.	7.6	26
39	Improving emotional-action control by targeting long-range phase-amplitude neuronal coupling. ELife, 2020, 9, .	6.0	22
40	Challenging the negative learning bias hypothesis of depression: reversal learning in a naturalistic psychiatric sample. Psychological Medicine, 2022, 52, 303-313.	4.5	14
41	Catecholaminergic modulation of meta-learning. ELife, 2019, 8, .	6.0	14
42	Effects of methylphenidate on reinforcement learning depend on working memory capacity. Psychopharmacology, 2021, 238, 3569-3584.	3.1	12
43	Striatal BOLD and midfrontal theta power express motivation for action. Cerebral Cortex, 2022, 32, 2924-2942.	2.9	10
44	Acute serotonin depletion releases motivated inhibition of response vigour. Psychopharmacology, 2015, 232, 1303-1312.	3.1	7
45	Disentangling cognitive from motor control: Influence of response modality on updating, inhibiting, and shifting. Acta Psychologica, 2018, 191, 124-130.	1.5	7
46	Gambling Rats and Gambling Addiction: Reconciling the Role of Dopamine in Irrationality. Journal of Neuroscience, 2013, 33, 3256-3258.	3.6	6
47	Dissociable Effects of Mood-Anxiety and Compulsive Symptom Dimensions on Motivational Biases in Decision-Making. Biological Psychiatry, 2020, 87, S382-S383.	1.3	2
48	Cortical dopamine reduces the impact of motivational biases governing automated behaviour. Neuropsychopharmacology, 2022, 47, 1503-1512.	5.4	2