

Mael Lebreton

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,794
citations

361413

20
h-index

434195

31
g-index

55
all docs

55
docs citations

55
times ranked

7054
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , 2016, 533, 539-542.	27.8	1,204
2	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019, 51, 245-257.	21.4	536
3	An Automatic Valuation System in the Human Brain: Evidence from Functional Neuroimaging. <i>Neuron</i> , 2009, 64, 431-439.	8.1	370
4	Neural Mechanisms Underlying Motivation of Mental Versus Physical Effort. <i>PLoS Biology</i> , 2012, 10, e1001266.	5.6	255
5	Automatic integration of confidence in the brain valuation signal. <i>Nature Neuroscience</i> , 2015, 18, 1159-1167.	14.8	223
6	Behavioural and neural characterization of optimistic reinforcement learning. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	154
7	Pharmacological modulation of subliminal learning in Parkinson's and Tourette's syndromes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19179-19184.	7.1	131
8	A Critical Role for the Hippocampus in the Valuation of Imagined Outcomes. <i>PLoS Biology</i> , 2013, 11, e1001684.	5.6	89
9	The Confidence Database. <i>Nature Human Behaviour</i> , 2020, 4, 317-325.	12.0	84
10	Dopamine-dependent reinforcement of motor skill learning: evidence from Gilles de la Tourette syndrome. <i>Brain</i> , 2011, 134, 2287-2301.	7.6	83
11	Abnormalities of confidence in psychiatry: an overview and future perspectives. <i>Translational Psychiatry</i> , 2019, 9, 268.	4.8	83
12	The brain structural disposition to social interaction. <i>European Journal of Neuroscience</i> , 2009, 29, 2247-2252.	2.6	66
13	Assessing inter-individual differences with task-related functional neuroimaging. <i>Nature Human Behaviour</i> , 2019, 3, 897-905.	12.0	62
14	Reference-point centering and range-adaptation enhance human reinforcement learning at the cost of irrational preferences. <i>Nature Communications</i> , 2018, 9, 4503.	12.8	54
15	Neural Mechanisms Underlying Contextual Dependency of Subjective Values: Converging Evidence from Monkeys and Humans. <i>Journal of Neuroscience</i> , 2015, 35, 2308-2320.	3.6	48
16	Decomposing the effects of context valence and feedback information on speed and accuracy during reinforcement learning: a meta-analytical approach using diffusion decision modeling. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 490-502.	2.0	44
17	Contextual influence on confidence judgments in human reinforcement learning. <i>PLoS Computational Biology</i> , 2019, 15, e1006973.	3.2	44
18	Two sides of the same coin: Monetary incentives concurrently improve and bias confidence judgments. <i>Science Advances</i> , 2018, 4, eaaq0668.	10.3	43

#	ARTICLE	IF	CITATIONS
19	Context-dependent outcome encoding in human reinforcement learning. <i>Current Opinion in Behavioral Sciences</i> , 2021, 41, 144-151.	3.9	35
20	Your Goal Is Mine: Unraveling Mimetic Desires in the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 7146-7157.	3.6	33
21	The computational roots of positivity and confirmation biases in reinforcement learning. <i>Trends in Cognitive Sciences</i> , 2022, 26, 607-621.	7.8	32
22	How the Level of Reward Awareness Changes the Computational and Electrophysiological Signatures of Reinforcement Learning. <i>Journal of Neuroscience</i> , 2018, 38, 10338-10348.	3.6	30
23	From the Reward Circuit to the Valuation System: How the Brain Motivates Behavior. , 2015, , 157-173.		9
24	Mimetic desire in autism spectrum disorder. <i>Molecular Autism</i> , 2016, 7, 45.	4.9	9
25	Robust valence-induced biases on motor response and confidence in human reinforcement learning. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 1184-1199.	2.0	9
26	Three Boundary Conditions for Computing the Fixed-Point Property in Binary Mixture Data. <i>PLoS ONE</i> , 2016, 11, e0167377.	2.5	7
27	The elusive effects of incidental anxiety on reinforcement-learning. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2022, 48, 619-642.	0.9	6
28	Metacognition and the effect of incentive motivation in two compulsive disorders: Gambling disorder and obsessive-compulsive disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2022, 76, 437-449.	1.8	6
29	Investigating the origin and consequences of endogenous default options in repeated economic choices. <i>PLoS ONE</i> , 2020, 15, e0232385.	2.5	5
30	Neurocognitive Underpinnings of Aggressive Predation in Economic Contests. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1276-1288.	2.3	5
31	Motivational signals disrupt metacognitive signals in the human ventromedial prefrontal cortex. <i>Communications Biology</i> , 2022, 5, 244.	4.4	5
32	A shared brain system forming confidence judgment across cognitive domains. <i>Cerebral Cortex</i> , 2023, 33, 1426-1439.	2.9	4
33	Title is missing!. , 2020, 15, e0232385.		0
34	Title is missing!. , 2020, 15, e0232385.		0
35	Title is missing!. , 2020, 15, e0232385.		0
36	Title is missing!. , 2020, 15, e0232385.		0