Mael Lebreton

List of Publications by Year
in descending order

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	A shared brain system forming confidence judgment across cognitive domains. Cerebral Cortex, 2023, 33, 1426-1439.	2.9	4
2	The elusive effects of incidental anxiety on reinforcement-learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 2022, 48, 619-642.	0.9	6
3	Motivational signals disrupt metacognitive signals in the human ventromedial prefrontal cortex. Communications Biology, 2022, 5, 244.	4.4	5
4	The computational roots of positivity and confirmation biases in reinforcement learning. Trends in Cognitive Sciences, 2022, 26, 607-621.	7.8	32
5	Metacognition and the effect of incentive motivation in two compulsive disorders: Gambling disorder and obsessiveâ€“compulsive disorder. Psychiatry and Clinical Neurosciences, 2022, 76, 437-449.	1.8	6
6	Context-dependent outcome encoding in human reinforcement learning. Current Opinion in Behavioral Sciences, 2021, 41, 144-151.	3.9	35
7	Investigating the origin and consequences of endogenous default options in repeated economic choices. PLoS ONE, 2020, 15, e0232385.	2.5	5
8	Robust valence-induced biases on motor response and confidence in human reinforcement learning. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 1184-1199.	2.0	9
9	Neurocognitive Underpinnings of Aggressive Predation in Economic Contests. Journal of Cognitive Neuroscience, 2020, 32, 1276-1288.	2.3	5
10	The Confidence Database. Nature Human Behaviour, 2020, 4, 317-325.	12.0	84
11	Title is missing!. , 2020, 15, e0232385.		0
12	Title is missing!. , 2020, 15, e0232385.		0
13	Title is missing!. , 2020, 15, e0232385.		0
14	Title is missing!. , 2020, 15, e0232385.		0
15	Abnormalities of confidence in psychiatry: an overview and future perspectives. Translational Psychiatry, 2019, 9, 268.	4.8	83
16	Assessing inter-individual differences with task-related functional neuroimaging. Nature Human Behaviour, 2019, 3, 897-905.	12.0	62
17	Decomposing the effects of context valence and feedback information on speed and accuracy during reinforcement learning: a meta-analytical approach using diffusion decision modeling. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 490-502.	2.0	44
18	Contextual influence on confidence judgments in human reinforcement learning. PLoS Computational Biology, 2019, 15, e1006973.	3.2	44

#	Article	IF	Citations
19	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. Nature Genetics, 2019, 51, 245-257.	21.4	536
20	How the Level of Reward Awareness Changes the Computational and Electrophysiological Signatures of Reinforcement Learning. Journal of Neuroscience, 2018, 38, 10338-10348.	3.6	30
21	Reference-point centering and range-adaptation enhance human reinforcement learning at the cost of irrational preferences. Nature Communications, 2018, 9, 4503.	12.8	54
22	Two sides of the same coin: Monetary incentives concurrently improve and bias confidence judgments. Science Advances, 2018, 4, eaaq0668.	10.3	43
23	Behavioural and neural characterization of optimistic reinforcement learning. Nature Human Behaviour, 2017, 1, .	12.0	154
24	Three Boundary Conditions for Computing the Fixed-Point Property in Binary Mixture Data. PLoS ONE, 2016, 11, e0167377.	2.5	7
25	Genome-wide association study identifies 74 loci associated with educational attainment. Nature, 2016, 533, 539-542.	27.8	1,204
26	Mimetic desire in autism spectrum disorder. Molecular Autism, 2016, 7, 45.	4.9	9
27	Neural Mechanisms Underlying Contextual Dependency of Subjective Values: Converging Evidence from Monkeys and Humans. Journal of Neuroscience, 2015, 35, 2308-2320.	3.6	48
28	Automatic integration of confidence in the brain valuation signal. Nature Neuroscience, 2015, 18, 1159-1167.	14.8	223
29	From the Reward Circuit to the Valuation System: How the Brain Motivates Behavior. , 2015, , 157-173.		9
30	A Critical Role for the Hippocampus in the Valuation of Imagined Outcomes. PLoS Biology, 2013, 11, e1001684.	5.6	89
31	Neural Mechanisms Underlying Motivation of Mental Versus Physical Effort. PLoS Biology, 2012, 10, e1001266.	5.6	255
32	Your Goal Is Mine: Unraveling Mimetic Desires in the Human Brain. Journal of Neuroscience, 2012, 32, 7146-7157.	3.6	33
33	Dopamine-dependent reinforcement of motor skill learning: evidence from Gilles de la Tourette syndrome. Brain, 2011, 134, 2287-2301.	7.6	83
34	Pharmacological modulation of subliminal learning in Parkinson's and Tourette's syndromes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19179-19184.	7.1	131
35	The brain structural disposition to social interaction. European Journal of Neuroscience, 2009, 29, 2247-2252.	2.6	66
36	An Automatic Valuation System in the Human Brain: Evidence from Functional Neuroimaging. Neuron, 2009, 64, 431-439.	8.1	370