Catherine A Hartley

List of Publications by Year
in descending order

42	2,874	304368 22	264894 42
papers	citations	h-index	g-index

62	62	62	3731
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changing Fear: The Neurocircuitry of Emotion Regulation. Neuropsychopharmacology, 2010, 35, 136-146.	2.8	401
2	Altered fear learning across development in both mouse and human. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16318-16323.	3.3	334
3	Anxiety and Decision-Making. Biological Psychiatry, 2012, 72, 113-118.	0.7	324
4	FAAH genetic variation enhances fronto-amygdala function in mouse and human. Nature Communications, 2015, 6, 6395.	5.8	227
5	From Creatures of Habit to Goal-Directed Learners. Psychological Science, 2016, 27, 848-858.	1.8	194
6	Brain Structure Correlates of Individual Differences in the Acquisition and Inhibition of Conditioned Fear. Cerebral Cortex, 2011, 21, 1954-1962.	1.6	131
7	The neuroscience of adolescent decision-making. Current Opinion in Behavioral Sciences, 2015, 5, 108-115.	2.0	122
8	Reinforcement learning across development: What insights can we draw from a decade of research?. Developmental Cognitive Neuroscience, 2019, 40, 100733.	1.9	103
9	Active Avoidance: Neural Mechanisms and Attenuation of Pavlovian Conditioned Responding. Journal of Neuroscience, 2017, 37, 4808-4818.	1.7	94
10	Agency and the Calibration of Motivated Behavior. Trends in Cognitive Sciences, 2017, 21, 725-735.	4.0	88
11	Stressor controllability modulates fear extinction in humans. Neurobiology of Learning and Memory, 2014, 113, 149-156.	1.0	78
12	Serotonin transporter polyadenylation polymorphism modulates the retention of fear extinction memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5493-5498.	3.3	73
13	Sensitive Periods in Affective Development: Nonlinear Maturation of Fear Learning. Neuropsychopharmacology, 2015, 40, 50-60.	2.8	71
14	Association between real-world experiential diversity and positive affect relates to hippocampalâ€“striatal functional connectivity. Nature Neuroscience, 2020, 23, 800-804.	7.1	69
15	Experiential reward learning outweighs instruction prior to adulthood. Cognitive, Affective and Behavioral Neuroscience, 2015, 15, 310-320.	1.0	65
16	Neurocognitive Development of Motivated Behavior: Dynamic Changes across Childhood and Adolescence. Journal of Neuroscience, 2018, 38, 9433-9445.	1.7	57
17	Fear and Anxiety from Principle to Practice: Implications for When to Treat Youth With Anxiety Disorders. Biological Psychiatry, 2014, 75, e19-e20.	0.7	42
18	Cognitive components underpinning the development of model-based learning. Developmental Cognitive Neuroscience, 2017, 25, 272-280.	1.9	42

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19	Developmental perspectives on risky and impulsive choice. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180133.	1.8	39
20	Realizing the Clinical Potential of Computational Psychiatry: Report From the Banbury Center Meeting, February 2019. Biological Psychiatry, 2020, 88, e5-e10.	0.7	36
21	Computational Phenotyping: Using Models to Understand Individual Differences in Personality, Development, and Mental Illness. Personality Neuroscience, 2018, 1, e18.	1.3	27
22	Mechanisms of learning and plasticity in childhood and adolescence. Developmental Cognitive Neuroscience, 2020, 42, 100764.	1.9	23
23	Consequences for peers differentially bias computations about risk across development.. Journal of Experimental Psychology: General, 2018, 147, 671-682.	1.5	23
24	Valence biases in reinforcement learning shift across adolescence and modulate subsequent memory. ELife, 2022, 11, .	2.8	20
25	Consider the Source: Adolescents and Adults Similarly Follow Older Adult Advice More than Peer Advice. PLoS ONE, 2015, 10, e0128047.	1.1	19
26	Risk for anxiety and implications for treatment: developmental, environmental, and genetic factors governing fear regulation. Annals of the New York Academy of Sciences, 2013, 1304, 1-13.	1.8	17
27	Adolescents exhibit reduced Pavlovian biases on instrumental learning. Scientific Reports, 2020, 10, 15770.	1.6	17
28	The value of choice facilitates subsequent memory across development. Cognition, 2020, 199, 104239.	1.1	15
29	The rational use of causal inference to guide reinforcement learning strengthens with age. Npj Science of Learning, 2020, 5, 16.	1.5	14
30	Aversive learning strengthens episodic memory in both adolescents and adults. Learning and Memory, 2019, 26, 272-279.	0.5	12
31	Causal Informationâ€Seeking Strategies Change Across Childhood and Adolescence. Cognitive Science, 2020, 44, e12888.	0.8	12
32	The Development of Goal-Directed Decision-Making. , 2018, , 279-308.		11
33	Beyond the Stimulus: A Neurohumanities Approach to Language, Music, and Emotion. Neuron, 2020, 108, 597-599.	3.8	9
34	Interactive Development of Adaptive Learning and Memory. Annual Review of Developmental Psychology, 2021, 3, 59-85.	1.4	9
35	Associative memory persistence in 3â€•to 5â€yearâ€olds. Developmental Science, 2021, 24, e13105.	1.3	8
36	Individual differences in blink rate modulate the effect of instrumental control on subsequent Pavlovian responding. Psychopharmacology, 2019, 236, 87-97.	1.5	7

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37	Developmental shifts in computations used to detect environmental controllability. PLoS Computational Biology, 2022, 18, e1010120.	1.5	7
38	Flexibility in valenced reinforcement learning computations across development. Child Development, 2022, 93, 1601-1615.	1.7	5
39	Memoryâ€™s reflection of learned information value increases across development.. Journal of Experimental Psychology: General, 2020, 149, 1919-1934.	1.5	4
40	More than two forms of Pavlovian prediction. Nature Human Behaviour, 2019, 3, 212-213.	6.2	1
41	Neural effects of controllability as a key dimension of stress exposure. Development and Psychopathology, 2023, 35, 218-227.	1.4	1
42	Skin conductance levels and responses in Asian and White participants during fear conditioningâœ°. Physiology and Behavior, 2022, 251, 113802.	1.0	1