

# Kathryn D Baker

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

476

citations

12

h-index

21

g-index

31

ext. papers

604

ext. citations

4.7

avg, IF

4.37

L-index

#	Paper	IF	Citations
28	The role of intracellular calcium stores in synaptic plasticity and memory consolidation. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2013</b> , 37, 1211-39	9	63
27	Memory retrieval before or after extinction reduces recovery of fear in adolescent rats. <i>Learning and Memory</i> , <b>2013</b> , 20, 467-73	2.8	50
26	Impaired fear extinction retention and increased anxiety-like behaviours induced by limited daily access to a high-fat/high-sugar diet in male rats: Implications for diet-induced prefrontal cortex dysregulation. <i>Neurobiology of Learning and Memory</i> , <b>2016</b> , 136, 127-138	3.1	40
25	A window of vulnerability: impaired fear extinction in adolescence. <i>Neurobiology of Learning and Memory</i> , <b>2014</b> , 113, 90-100	3.1	39
24	The development of perineuronal nets around parvalbumin gabaergic neurons in the medial prefrontal cortex and basolateral amygdala of rats. <i>Behavioral Neuroscience</i> , <b>2017</b> , 131, 289-303	2.1	37
23	Forming competing fear learning and extinction memories in adolescence makes fear difficult to inhibit. <i>Learning and Memory</i> , <b>2015</b> , 22, 537-43	2.8	35
22	Impaired fear extinction in adolescent rodents: Behavioural and neural analyses. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2016</b> , 70, 59-73	9	35
21	The impact of obesity and hypercaloric diet consumption on anxiety and emotional behavior across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2017</b> , 83, 173-182	9	33
20	Maturational Changes in Prefrontal and Amygdala Circuits in Adolescence: Implications for Understanding Fear Inhibition during a Vulnerable Period of Development. <i>Brain Sciences</i> , <b>2019</b> , 9,	3.4	33
19	D-cycloserine does not facilitate fear extinction by reducing conditioned stimulus processing or promoting conditioned inhibition to contextual cues. <i>Learning and Memory</i> , <b>2012</b> , 19, 461-9	2.8	15
18	A ryanodine receptor agonist promotes the consolidation of long-term memory in young chicks. <i>Behavioural Brain Research</i> , <b>2010</b> , 206, 143-6	3.4	14
17	Pharmacological evidence that a failure to recruit NMDA receptors contributes to impaired fear extinction retention in adolescent rats. <i>Neurobiology of Learning and Memory</i> , <b>2017</b> , 143, 18-26	3.1	13
16	D-Lactate inhibition of memory in a single trial discrimination avoidance task in the young chick. <i>Neurobiology of Learning and Memory</i> , <b>2007</b> , 88, 269-76	3.1	11
15	Relearning a context-shock association after forgetting is an NMDAR-independent process. <i>Physiology and Behavior</i> , <b>2015</b> , 148, 29-35	3.5	10
14	Esketamine as a treatment for paediatric depression: questions of safety and efficacy. <i>Lancet Psychiatry</i> , <b>2020</b> , 7, 827-829	23.3	7
13	Blocking SK channels impairs long-term memory formation in young chicks. <i>Behavioural Brain Research</i> , <b>2011</b> , 216, 458-62	3.4	6
12	Developmental differences in the effects of CB1/2R agonist WIN55212-2 on extinction of learned fear. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2020</b> , 99, 109834	5.5	6

11	Elucidating the mechanisms of fear extinction in developing animals: a special case of NMDA receptor-independent extinction in adolescent rats. <i>Learning and Memory</i> , <b>2018</b> , 25, 158-164	2.8	5
10	Differences in the persistence of spatial memory deficits induced by a chronic stressor in adolescents compared to juveniles. <i>Developmental Psychobiology</i> , <b>2018</b> , 60, 805-813	3	5
9	d-Cycloserine facilitates fear extinction in adolescent rats and differentially affects medial and lateral prefrontal cortex activation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 86, 262-269	5.5	4
8	A precision medicine approach to pharmacological adjuncts to extinction: a call to broaden research. <i>Psychopharmacology</i> , <b>2019</b> , 236, 143-161	4.7	3
7	Does maternal separation accelerate maturation of perineuronal nets and parvalbumin-containing inhibitory interneurons in male and female rats?. <i>Developmental Cognitive Neuroscience</i> , <b>2021</b> , 47, 100905	5.5	3
6	Deficits in opioid receptor-mediated prediction error contribute to impaired fear extinction during adolescence. <i>Behaviour Research and Therapy</i> , <b>2020</b> , 133, 103713	5.2	2
5	Pharmacobehavioural evidence for nitric oxide and noradrenaline interactions with ryanodine receptors during memory formation in the young chick. <i>Behavioral Neuroscience</i> , <b>2011</b> , 125, 175-83	2.1	2
4	The interaction of REM sleep with safety learning in humans: could a good night's sleep alter a traumatic experience?. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 1337-9	6.6	1
3	Fear extinction learning and retention during adolescence in rats and mice: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 131, 1264-1274	9	1
2	Timing is everything: Developmental differences in the effect of chronic corticosterone exposure on extinction retention. <i>Behavioral Neuroscience</i> , <b>2019</b> , 133, 467-477	2.1	1
1	Pharmacological Enhancement of Extinction Retention in Non-stressed Adolescent Rats but Not Those Exposed to Chronic Corticosterone.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 822709	5.1	