Kathryn D Baker

List of Publications by Year in Descending Order

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	Pharmacological Enhancement of Extinction Retention in Non-stressed Adolescent Rats but Not Those Exposed to Chronic Corticosterone.. *Frontiers in Neuroscience*, **2022**, 16, 822709	5.1	
27	Fear extinction learning and retention during adolescence in rats and mice: A systematic review. *Neuroscience and Biobehavioral Reviews*, **2021**, 131, 1264-1274	9	1
26	Does maternal separation accelerate maturation of perineuronal nets and parvalbumin-containing inhibitory interneurons in male and female rats?. *Developmental Cognitive Neuroscience*, **2021**, 47, 100905	5.5	3
25	Deficits in opioid receptor-mediated prediction error contribute to impaired fear extinction during adolescence. *Behaviour Research and Therapy*, **2020**, 133, 103713	5.2	2
24	Esketamine as a treatment for paediatric depression: questions of safety and efficacy. *Lancet Psychiatry,the*, **2020**, 7, 827-829	23.3	7
23	Developmental differences in the effects of CB1/2R agonist WIN55212-2 on extinction of learned fear. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2020**, 99, 109834	5.5	6
22	Maturational Changes in Prefrontal and Amygdala Circuits in Adolescence: Implications for Understanding Fear Inhibition during a Vulnerable Period of Development. *Brain Sciences*, **2019**, 9,	3.4	33
21	A precision medicine approach to pharmacological adjuncts to extinction: a call to broaden research. *Psychopharmacology*, **2019**, 236, 143-161	4.7	3
20	Timing is everything: Developmental differences in the effect of chronic corticosterone exposure on extinction retention. *Behavioral Neuroscience*, **2019**, 133, 467-477	2.1	1
19	Elucidating the mechanisms of fear extinction in developing animals: a special case of NMDA receptor-independent extinction in adolescent rats. *Learning and Memory*, **2018**, 25, 158-164	2.8	5
18	d-Cycloserine facilitates fear extinction in adolescent rats and differentially affects medial and lateral prefrontal cortex activation. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2018**, 86, 262-269	5.5	4
17	Differences in the persistence of spatial memory deficits induced by a chronic stressor in adolescents compared to juveniles. *Developmental Psychobiology*, **2018**, 60, 805-813	3	5
16	The impact of obesity and hypercaloric diet consumption on anxiety and emotional behavior across the lifespan. *Neuroscience and Biobehavioral Reviews*, **2017**, 83, 173-182	9	33
15	Pharmacological evidence that a failure to recruit NMDA receptors contributes to impaired fear extinction retention in adolescent rats. *Neurobiology of Learning and Memory*, **2017**, 143, 18-26	3.1	13
14	The development of perineuronal nets around parvalbumin gabaergic neurons in the medial prefrontal cortex and basolateral amygdala of rats. *Behavioral Neuroscience*, **2017**, 131, 289-303	2.1	37
13	Impaired fear extinction in adolescent rodents: Behavioural and neural analyses. *Neuroscience and Biobehavioral Reviews*, **2016**, 70, 59-73	9	35
12	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. *Neurobiology of Learning and Memory*, **2016**, 136, 127-138	3.1	40

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11	Forming competing fear learning and extinction memories in adolescence makes fear difficult to inhibit. *Learning and Memory*, **2015**, 22, 537-43	2.8	35
10	Relearning a context-shock association after forgetting is an NMDAr-independent process. *Physiology and Behavior*, **2015**, 148, 29-35	3.5	10
9	The interaction of REM sleep with safety learning in humans: could a good nightcs sleep alter a traumatic experience?. *Journal of Neuroscience*, **2015**, 35, 1337-9	6.6	1
8	A window of vulnerability: impaired fear extinction in adolescence. *Neurobiology of Learning and Memory*, **2014**, 113, 90-100	3.1	39
7	The role of intracellular calcium stores in synaptic plasticity and memory consolidation. *Neuroscience and Biobehavioral Reviews*, **2013**, 37, 1211-39	9	63
6	Memory retrieval before or after extinction reduces recovery of fear in adolescent rats. *Learning and Memory*, **2013**, 20, 467-73	2.8	50
5	D-cycloserine does not facilitate fear extinction by reducing conditioned stimulus processing or promoting conditioned inhibition to contextual cues. *Learning and Memory*, **2012**, 19, 461-9	2.8	15
4	Blocking SK channels impairs long-term memory formation in young chicks. *Behavioural Brain Research*, **2011**, 216, 458-62	3.4	6
3	Pharmacobehavioural evidence for nitric oxide and noradrenaline interactions with ryanodine receptors during memory formation in the young chick. *Behavioral Neuroscience*, **2011**, 125, 175-83	2.1	2
2	A ryanodine receptor agonist promotes the consolidation of long-term memory in young chicks. *Behavioural Brain Research*, **2010**, 206, 143-6	3.4	14
1	D-Lactate inhibition of memory in a single trial discrimination avoidance task in the young chick. *Neurobiology of Learning and Memory*, **2007**, 88, 269-76	3.1	11