

# Heather C Brenhouse

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

2,657  
citations

201674

27  
h-index

214800

47  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental trajectories during adolescence in males and females: A cross-species understanding of underlying brain changes. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1687-1703.	6.1	290
2	Transient D <sub>1</sub> Dopamine Receptor Expression on Prefrontal Cortex Projection Neurons: Relationship to Enhanced Motivational Salience of Drug Cues in Adolescence. <i>Journal of Neuroscience</i> , 2008, 28, 2375-2382.	3.6	249
3	An overview of maternal separation effects on behavioural outcomes in mice: Evidence from a four-stage methodological systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 68, 489-503.	6.1	203
4	Delayed extinction and stronger reinstatement of cocaine conditioned place preference in adolescent rats, compared to adults.. <i>Behavioral Neuroscience</i> , 2008, 122, 460-465.	1.2	137
5	Broken or maladaptive? Altered trajectories in neuroinflammation and behavior after early life adversity. <i>Developmental Cognitive Neuroscience</i> , 2015, 11, 18-30.	4.0	129
6	Nonsteroidal Anti-Inflammatory Treatment Prevents Delayed Effects of Early Life Stress in Rats. <i>Biological Psychiatry</i> , 2011, 70, 434-440.	1.3	109
7	Early life stress disrupts social behavior and prefrontal cortex parvalbumin interneurons at an earlier time-point in females than in males. <i>Neuroscience Letters</i> , 2014, 566, 131-136.	2.1	99
8	Immunoadolescence: Neuroimmune development and adolescent behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 70, 288-299.	6.1	95
9	Cognitive impairment effects of early life stress in adolescents can be predicted with early biomarkers: Impacts of sex, experience, and cytokines. <i>Psychoneuroendocrinology</i> , 2016, 71, 19-30.	2.7	88
10	Depressive-Like Behavior in Adolescents after Maternal Separation: Sex Differences, Controllability, and GABA. <i>Developmental Neuroscience</i> , 2012, 34, 210-217.	2.0	81
11	Sex-specific effects of early life stress on social interaction and prefrontal cortex dendritic morphology in young rats. <i>Behavioural Brain Research</i> , 2016, 310, 119-125.	2.2	74
12	Evidence for a neuroinflammatory mechanism in delayed effects of early life adversity in rats: Relationship to cortical NMDA receptor expression. <i>Brain, Behavior, and Immunity</i> , 2013, 28, 218-226.	4.1	72
13	Region-specific Effects of Maternal Separation on Perineuronal Net and Parvalbumin-expressing Interneuron Formation in Male and Female Rats. <i>Neuroscience</i> , 2020, 428, 23-37.	2.3	62
14	Early Life Adversity Alters the Developmental Profiles of Addiction-Related Prefrontal Cortex Circuitry. <i>Brain Sciences</i> , 2013, 3, 143-158.	2.3	61
15	Effects of early adolescent environmental enrichment on cognitive dysfunction, prefrontal cortex development, and inflammatory cytokines after early life stress. <i>Developmental Psychobiology</i> , 2016, 58, 482-491.	1.6	60
16	Altered corticolimbic connectivity reveals sex-specific adolescent outcomes in a rat model of early life adversity. <i>ELife</i> , 2020, 9, .	6.0	57
17	Inhibitors of Cyclooxygenase-2, but Not Cyclooxygenase-1 Provide Structural and Functional Protection against Quinolinic Acid-Induced Neurodegeneration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 218-228.	2.5	56
18	Viral over-expression of D1 dopamine receptors in the prefrontal cortex increase high-risk behaviors in adults: Comparison with adolescents. <i>Psychopharmacology</i> , 2014, 231, 1615-1626.	3.1	55

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19	Functional Uncoupling NMDAR NR2A Subunit from PSD-95 in the Prefrontal Cortex: Effects on Behavioral Dysfunction and Parvalbumin Loss after Early-Life Stress. <i>Neuropsychopharmacology</i> , 2015, 40, 2666-2675.	5.4	50
20	Effects of early life stress on cocaine conditioning and AMPA receptor composition are sex-specific and driven by TNF. <i>Brain, Behavior, and Immunity</i> , 2019, 78, 41-51.	4.1	48
21	c-Fos and $\hat{F}$ FosB expression are differentially altered in distinct subregions of the nucleus accumbens shell in cocaine-sensitized rats. <i>Neuroscience</i> , 2006, 137, 773-780.	2.3	45
22	Juvenile methylphenidate modulates reward-related behaviors and cerebral blood flow by decreasing cortical D3 receptors. <i>European Journal of Neuroscience</i> , 2008, 27, 2962-2972.	2.6	43
23	A Pulmonary Formulation of L-Dopa Enhances Its Effectiveness in a Rat Model of Parkinson's Disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 828-835.	2.5	39
24	Neuroimmune Impacts of Early-Life Stress on Development and Psychopathology. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 43, 423-447.	1.7	39
25	Sustained release chemotherapeutic microspheres provide superior efficacy over systemic therapy and local bolus infusions. <i>Pharmaceutical Research</i> , 2002, 19, 1052-1060.	3.5	37
26	Enhancing the salience of dullness: behavioral and pharmacological strategies to facilitate extinction of drug-cue associations in adolescent rats. <i>Neuroscience</i> , 2010, 169, 628-636.	2.3	35
27	GABAA receptor regulation of kyphotic nursing and female sexual behavior in the caudal ventrolateral periaqueductal gray of postpartum rats. <i>Neuroscience</i> , 2002, 114, 675-687.	2.3	30
28	Cross-Generational Transmission of Early Life Stress Effects on HPA Regulators and Bdnf Are Mediated by Sex, Lineage, and Upbringing. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 101.	2.0	28
29	Region-specific effects of maternal separation on oxidative stress accumulation in parvalbumin neurons of male and female rats. <i>Behavioural Brain Research</i> , 2020, 388, 112658.	2.2	27
30	Sex differences in prefrontal cortex microglia morphology: Impact of a two-hit model of adversity throughout development. <i>Neuroscience Letters</i> , 2020, 738, 135381.	2.1	25
31	Bundling the haystack to find the needle: Challenges and opportunities in modeling risk and resilience following early life stress. <i>Frontiers in Neuroendocrinology</i> , 2019, 54, 100768.	5.2	24
32	A two-hit adversity model in developing rats reveals sex-specific impacts on prefrontal cortex structure and behavior. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100924.	4.0	23
33	Juvenile Methylphenidate Exposure and Factors That Influence Incentive Processing. <i>Developmental Neuroscience</i> , 2009, 31, 95-106.	2.0	22
34	22â€™kHz and 55â€™kHz ultrasonic vocalizations differentially influence neural and behavioral outcomes: Implications for modeling anxiety via auditory stimuli in the rat. <i>Behavioural Brain Research</i> , 2019, 360, 134-145.	2.2	22
35	Sex-dependent changes in ADHD-like behaviors in juvenile rats following cortical dopamine depletion. <i>Behavioural Brain Research</i> , 2014, 270, 357-363.	2.2	21
36	Insular cortex corticotropin-releasing factor integrates stress signaling with social affective behavior. <i>Neuropsychopharmacology</i> , 2022, 47, 1156-1168.	5.4	21

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37	Effects of Water Bottle Materials and Filtration on Bisphenol A Content in Laboratory Animal Drinking Water. <i>Journal of the American Association for Laboratory Animal Science</i> , 2017, 56, 269-272.	1.2	16
38	Adolescent food restriction in rats alters prefrontal cortex microglia in an experience-dependent manner. <i>Stress</i> , 2018, 21, 162-168.	1.8	15
39	Extinction and reinstatement to cocaine-associated cues in male and female juvenile rats and the role of D1 dopamine receptor. <i>Neuropharmacology</i> , 2015, 95, 22-28.	4.1	11
40	Characterizing the human APOE epsilon 4 knock-in transgene in female and male rats with multimodal magnetic resonance imaging. <i>Brain Research</i> , 2020, 1747, 147030.	2.2	11
41	Differential activation of cAMP response element binding protein in discrete nucleus accumbens subregions during early and late cocaine sensitization.. <i>Behavioral Neuroscience</i> , 2007, 121, 212-217.	1.2	10
42	Electrolytic lesions of a discrete area within the nucleus accumbens shell attenuate the long-term expression, but not early phase, of sensitization to cocaine. <i>Behavioural Brain Research</i> , 2006, 170, 219-223.	2.2	9
43	Trajectories of Mother-Infant Communication: An Experiential Measure of the Impacts of Early Life Adversity. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 632702.	2.0	8
44	Stress, alcohol and infection during early development: A brief review of common outcomes and mechanisms. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12602.	2.6	5
45	Infant ultrasonic vocalizations predict adolescent social behavior in rats: Effects of early life adversity. <i>Developmental Psychobiology</i> , 2022, 64, e22260.	1.6	5
46	Points of divergence on a bumpy road: early development of brain and immune threat processing systems following postnatal adversity. <i>Molecular Psychiatry</i> , 2023, 28, 269-283.	7.9	4