Heather K Caldwell

List of Publications by Year
in descending order

51	3,039	172457	233421
papers	citations	29 h-index	45 g-index

53	53	53	3029
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vasopressin: Behavioral roles of an â€œoriginalâ€•neuropeptide. Progress in Neurobiology, 2008, 84, 1-24.	5.7	406
2	A Conditional Knockout Mouse Line of the Oxytocin Receptor. Endocrinology, 2008, 149, 3256-3263.	2.8	223
3	Social approach behaviors in oxytocin knockout mice: Comparison of two independent lines tested in different laboratory environments. Neuropeptides, 2007, 41, 145-163.	2.2	204
4	Lesions to the <scp>CA</scp>2 region of the hippocampus impair social memory in mice. European Journal of Neuroscience, 2014, 40, 3294-3301.	2.6	168
5	Reduced ultrasonic vocalizations in vasopressin 1b knockout mice. Behavioural Brain Research, 2008, 187, 371-378.	2.2	144
6	Oxytocin and Vasopressin: Powerful Regulators of Social Behavior. Neuroscientist, 2017, 23, 517-528.	3.5	135
7	Vasopressin 1a receptor knockout mice have a subtle olfactory deficit but normal aggression. Genes, Brain and Behavior, 2007, 6, 540-551.	2.2	123
8	Disruption of the vasopressin 1b receptor gene impairs the attack component of aggressive behavior in mice. Genes, Brain and Behavior, 2007, 6, 653-660.	2.2	119
9	Social approach behaviors are similar on conventional versus reverse lighting cycles, and in replications across cohorts, in BTBR T+ tf/J, C57BL/6J, and vasopressin receptor 1B mutant mice. Frontiers in Behavioral Neuroscience, 2007, 1, 1.	2.0	109
10	Oxytocin, Vasopressin, and the Motivational Forces that Drive Social Behaviors. Current Topics in Behavioral Neurosciences, 2015, 27, 51-103.	1.7	97
11	Effect of photoperiod on vasopressin-induced aggression in Syrian hamsters. Hormones and Behavior, 2004, 46, 444-449.	2.1	92
12	Oxytocin as a natural antipsychotic: a study using oxytocin knockout mice. Molecular Psychiatry, 2009, 14, 190-196.	7.9	92
13	The vasopressin 1b receptor and the neural regulation of social behavior. Hormones and Behavior, 2012, 61, 277-282.	2.1	82
14	Impairments in the Initiation of Maternal Behavior in Oxytocin Receptor Knockout Mice. PLoS ONE, 2014, 9, e98839.	2.5	79
15	Inactivation of the Oxytocin and the Vasopressin (Avp) 1b Receptor Genes, But Not the Avp 1a Receptor Gene, Differentially Impairs the Bruce Effect in Laboratory Mice (Mus musculus). Endocrinology, 2008, 149, 116-121.	2.8	78
16	The olfactory bulbectomized rat as a model of depression: The hippocampal pathway. Behavioural Brain Research, 2017, 317, 562-575.	2.2	71
17	Normal maternal behavior, but increased pup mortality, in conditional oxytocin receptor knockout females.. Behavioral Neuroscience, 2010, 124, 677-685.	1.2	68
18	Oxytocin during Development: Possible Organizational Effects on Behavior. Frontiers in Endocrinology, 2015, 6, 76.	3.5	67

#	Article	IF	Citations
19	The role of the vasopressin 1b receptor in aggression and other social behaviours. Progress in Brain Research, 2008, 170, 65-72.	1.4	60
20	Oxytocin and behavior: Lessons from knockout mice. Developmental Neurobiology, 2017, 77, 190-201.	3.0	59
21	Heightened aggressive behavior in mice with lifelong versus postweaning knockout of the oxytocin receptor. Hormones and Behavior, 2012, 62, 86-92.	2.1	50
22	Behavioural studies using temporal and spatial inactivation of the oxytocin receptor. Progress in Brain Research, 2008, 170, 73-77.	1.4	44
23	Oxytocin and sex differences in behavior. Current Opinion in Behavioral Sciences, 2018, 23, 13-20.	3.9	43
24	Sex Differences in the Embryonic Development of the Central Oxytocin System in Mice. Journal of Neuroendocrinology, 2016, 28, .	2.6	42
25	Neurobiology of Sociability. Advances in Experimental Medicine and Biology, 2012, 739, 187-205.	1.6	42
26	A Role for Oxytocin in the Etiology and Treatment of Schizophrenia. Frontiers in Endocrinology, 2015, 6, 90.	3.5	40
27	The acute intoxicating effects of ethanol are not dependent on the vasopressin 1a or 1b receptors. Neuropeptides, 2006, 40, 325-337.	2.2	35
28	Social dominance in male vasopressin 1b receptor knockout mice. Hormones and Behavior, 2010, 58, 257-263.	2.1	34
29	Social Context, Stress, Neuropsychiatric Disorders, and the Vasopressin 1b Receptor. Frontiers in Neuroscience, 2017, 11, 567.	2.8	32
30	Persistence of reduced aggression in vasopressin 1b receptor knockout mice on a more â€œwildâ€• background. Physiology and Behavior, 2009, 97, 131-134.	2.1	30
31	Localization and quantification of 5-hydroxytryptophan and serotonin in the central nervous systems ofTritoniaandAplysia. Journal of Comparative Neurology, 2001, 437, 91-105.	1.6	29
32	Photoperiodic regulation of vasopressin receptor binding in female Syrian hamsters. Brain Research, 2004, 1002, 136-141.	2.2	24
33	Disruption of the Fifth Melanocortin Receptor Alters the Urinary Excretion of Aggression-modifying Pheromones in Male House Mice. Chemical Senses, 2002, 27, 91-94.	2.0	18
34	Photoperiodic mechanisms controlling scent marking: interactions of vasopressin and gonadal steroids. European Journal of Neuroscience, 2008, 27, 1189-1196.	2.6	13
35	Comparison of the distribution of oxytocin and vasopressin 1a receptors in rodents reveals conserved and derived patterns of nonapeptide evolution. Journal of Neuroendocrinology, 2020, 32, e12828.	2.6	11
36	Voluntary alcohol consumption is increased in female, but not male, oxytocin receptor knockout mice. Brain and Behavior, 2020, 10, e01749.	2.2	11

#	Article	IF	Citations
37	Effects of arginine vasopressin on Richardsonâ€™s ground squirrel social and vocal behavior.. Behavioral Neuroscience, 2018, 132, 34-50.	1.2	11
38	The Effects of Serotonin Agonists on the Hypothalamic Regulation of Sexual Receptivity in Syrian Hamsters. Hormones and Behavior, 2002, 42, 78-84.	2.1	9
39	Subtle sex differences in vasopressin mRNA expression in the embryonic mouse brain. Journal of Neuroendocrinology, 2020, 32, e12835.	2.6	9
40	Oxytocin, vasopressin, and their interplay with gonadal steroids. , 2013, , 3-26.		8
41	The Role of Vasopressin in Anxiety and Depression. , 2016, , 667-685.		7
42	Genotypic differences in intruder-evoked immediate early gene activation in male, but not female, vasopressin 1b receptor knockout mice. BMC Neuroscience, 2016, 17, 75.	1.9	6
43	Increased immediate early gene activation in the basolateral amygdala following persistent peripheral inflammation.. NeuroReport, 2020, 31, 724-729.	1.2	4
44	Central distribution of oxytocin and vasopressin 1a receptors in juvenile Richardsonâ€™s ground squirrels. Journal of Neuroscience Research, 2019, 97, 772-789.	2.9	3
45	Pharmacological manipulation of oxytocin receptor signaling during mouse embryonic development results in sex-specific behavioral effects in adulthood. Hormones and Behavior, 2021, 135, 105026.	2.1	3
46	Callâ€specific patterns of neural activation in auditory processing of Richardsonâ€™s ground squirrel alarm calls. Brain and Behavior, 2020, 10, e01629.	2.2	2
47	Paternal Cocaine in Mice Alters Social Behavior and Brain Oxytocin Receptor Density in First Generation Offspring. Neuroscience, 2022, 485, 65-77.	2.3	2
48	Vasopressin 1a receptor knockout mice have altered circadian rhythm and olfaction. Frontiers in Neuroendocrinology, 2006, 27, 126.	5.2	0
49	Who Are You and Where Am I? New Insights Into How Animals Determine Their Social Context. Endocrinology, 2017, 158, 233-234.	2.8	0
50	Editorial: The Vasopressin System and Behavior. Frontiers in Endocrinology, 2018, 9, 438.	3.5	0
51	Social Living and Rethinking the Concept of â€œProsocialityâ€. , 2021, , 89-103.		0