

# Marlene A Wilson

## List of Publications by Citations

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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.

63 papers	2,432 citations	28 h-index	48 g-index
67 ext. papers	2,637 ext. citations	4.2 avg, IF	4.86 L-index

#	Paper	IF	Citations
63	Hippocampal excitability increases during the estrous cycle in the rat: a potential role for brain-derived neurotrophic factor. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 11641-52	6.6	199
62	Hippocampal Insulin Resistance Impairs Spatial Learning and Synaptic Plasticity. <i>Diabetes</i> , <b>2015</b> , 64, 3927-36	6.3	170
61	The effects of chronic treadmill and wheel running on behavior in rats. <i>Brain Research</i> , <b>2004</b> , 1019, 84-96	3.7	146
60	Influences of gender, gonadectomy, and estrous cycle on GABA/BZ receptors and benzodiazepine responses in rats. <i>Brain Research Bulletin</i> , <b>1992</b> , 29, 165-72	3.9	108
59	Anxiolytic effects of diazepam and ethanol in two behavioral models: comparison of males and females. <i>Pharmacology Biochemistry and Behavior</i> , <b>2004</b> , 78, 445-58	3.9	104
58	Gender differences in brain and behavior: hormonal and neural bases. <i>Pharmacology Biochemistry and Behavior</i> , <b>1999</b> , 64, 655-64	3.9	103
57	Effects of altered amygdalar neuropeptide Y expression on anxiety-related behaviors. <i>Neuropsychopharmacology</i> , <b>2005</b> , 30, 1589-97	8.7	80
56	Sex differences in GABA/benzodiazepine receptor changes and corticosterone release after acute stress in rats. <i>Experimental Brain Research</i> , <b>1994</b> , 101, 297-306	2.3	76
55	GABA physiology: modulation by benzodiazepines and hormones. <i>Critical Reviews in Neurobiology</i> , <b>1996</b> , 10, 1-37		73
54	Downregulation of hypothalamic insulin receptor expression elicits depressive-like behaviors in rats. <i>Behavioural Brain Research</i> , <b>2011</b> , 222, 230-5	3.4	71
53	Overexpression of neuropeptide Y in the central nucleus of the amygdala decreases ethanol self-administration in "anxious" rats. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2006</b> , 30, 791-801	3.7	64
52	Herpes virus-mediated preproenkephalin gene transfer to the amygdala is antinociceptive. <i>Brain Research</i> , <b>1998</b> , 792, 133-5	3.7	60
51	Influence of gender and brain region on neurosteroid modulation of GABA responses in rats. <i>Life Sciences</i> , <b>1997</b> , 60, 1679-91	6.8	55
50	The role of amygdalar mu-opioid receptors in anxiety-related responses in two rat models. <i>Neuropsychopharmacology</i> , <b>2008</b> , 33, 2957-68	8.7	55
49	Obesity/hyperleptinemic phenotype impairs structural and functional plasticity in the rat hippocampus. <i>Physiology and Behavior</i> , <b>2011</b> , 105, 138-44	3.5	50
48	Stress as a one-armed bandit: Differential effects of stress paradigms on the morphology, neurochemistry and behavior in the rodent amygdala. <i>Neurobiology of Stress</i> , <b>2015</b> , 1, 195-208	7.6	47
47	Cholinergic regulation of fear learning and extinction. <i>Journal of Neuroscience Research</i> , <b>2017</b> , 95, 836-852	4.4	46

46	Alterations in fear conditioning and amygdalar activation following chronic wheel running in rats. <i>Pharmacology Biochemistry and Behavior</i> , <b>2006</b> , 84, 306-12	3.9	46
45	Differential release of corticotropin-releasing hormone (CRH) in the amygdala during different types of stressors. <i>Brain Research</i> , <b>2002</b> , 949, 122-30	3.7	46
44	Gender and gonadal hormone effects in the olfactory bulbectomy animal model of depression. <i>Pharmacology Biochemistry and Behavior</i> , <b>2000</b> , 67, 183-91	3.9	45
43	Sex differences in delta opioid receptor immunoreactivity in rat medial amygdala. <i>Neuroscience Letters</i> , <b>2002</b> , 328, 160-4	3.3	43
42	Hippocampal neurotransmitter efflux during one-trial novel object recognition in rats. <i>Neuroscience Letters</i> , <b>2012</b> , 511, 38-42	3.3	41
41	Relationship of agonist efficacy to changes in GABA sensitivity and anticonvulsant tolerance following chronic benzodiazepine ligand exposure. <i>European Journal of Pharmacology</i> , <b>1989</b> , 170, 145-55	5.3	36
40	Ro 15-1788-induced seizures in rats continually exposed to diazepam for prolonged periods. <i>Epilepsy Research</i> , <b>1988</b> , 2, 14-9	3	35
39	Essential Role of Ovarian Hormones in Susceptibility to the Consequences of Witnessing Social Defeat in Female Rats. <i>Biological Psychiatry</i> , <b>2018</b> , 84, 372-382	7.9	32
38	The role of delta opioid receptors in the anxiolytic actions of benzodiazepines. <i>Pharmacology Biochemistry and Behavior</i> , <b>2006</b> , 85, 545-54	3.9	30
37	Changes in defensive behaviors following olfactory bulbectomy in male and female rats. <i>Brain Research</i> , <b>2001</b> , 903, 242-6	3.7	29
36	Effects of chronic diazepam exposure on GABA sensitivity and on benzodiazepine potentiation of GABA-mediated responses of substantia nigra pars reticulata neurons of rats. <i>European Journal of Pharmacology</i> , <b>1987</b> , 136, 333-43	5.3	29
35	Comparison of the activation of somatostatin- and neuropeptide Y-containing neuronal populations of the rat amygdala following two different anxiogenic stressors. <i>Experimental Neurology</i> , <b>2012</b> , 238, 52-63	5.7	28
34	Ethanol exposure during development reduces resident aggression and testosterone in rats. <i>Physiology and Behavior</i> , <b>2006</b> , 87, 330-7	3.5	28
33	Activation of corticotropin releasing factor-containing neurons in the rat central amygdala and bed nucleus of the stria terminalis following exposure to two different anxiogenic stressors. <i>Behavioural Brain Research</i> , <b>2016</b> , 304, 92-101	3.4	28
32	Ethanol-induced anxiolysis and neuronal activation in the amygdala and bed nucleus of the stria terminalis. <i>Alcohol</i> , <b>2016</b> , 50, 19-25	2.7	27
31	Microinjection of naltrexone into the central, but not the basolateral, amygdala blocks the anxiolytic effects of diazepam in the plus maze. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 1227-40	8.7	26
30	Effects of gender and gonadectomy on responses to chronic benzodiazepine receptor agonist exposure in rats. <i>European Journal of Pharmacology</i> , <b>1992</b> , 215, 99-107	5.3	25
29	Estrogen-induced progesterone receptors in the brain and pituitary of the South African clawed frog, <i>Xenopus laevis</i> . <i>Neuroendocrinology</i> , <b>1986</b> , 42, 51-6	5.6	24

28	Characterization of a pineal-independent diurnal rhythm in neural estrogen receptors and its possible behavioral consequences. <i>Neuroendocrinology</i> , <b>1983</b> , 37, 14-22	5.6	23
27	Individual differences in voluntary ethanol consumption lead to differential activation of the central amygdala in rats: relationship to the anxiolytic and stimulant effects of low dose ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2013</b> , 37 Suppl 1, E172-80	3.7	22
26	Dietary restriction reverses obesity-induced anhedonia. <i>Physiology and Behavior</i> , <b>2014</b> , 128, 126-32	3.5	21
25	Early postnatal alcohol exposure in rats: maternal behavior and estradiol levels. <i>Physiology and Behavior</i> , <b>1996</b> , 59, 287-93	3.5	20
24	Age alters dopaminergic responses to estradiol. <i>European Journal of Pharmacology</i> , <b>1982</b> , 82, 73-5	5.3	18
23	Herpes virus-mediated preproenkephalin gene transfer in the ventral striatum mimics behavioral changes produced by olfactory bulbectomy in rats. <i>Brain Research</i> , <b>2003</b> , 988, 43-55	3.7	17
22	Sex differences in relation to conditioned fear-induced enhancement of morphine analgesia. <i>Physiology and Behavior</i> , <b>2001</b> , 72, 439-47	3.5	17
21	A sexually dimorphic population of CRF neurons in the medial preoptic area. <i>NeuroReport</i> , <b>1994</b> , 5, 653-6	6.7	17
20	Activation of orexin/hypocretin neurons is associated with individual differences in cued fear extinction. <i>Physiology and Behavior</i> , <b>2017</b> , 178, 93-102	3.5	16
19	GABAergic subsensitivity of dorsal raphe neurons in vitro after chronic benzodiazepine treatment in vivo. <i>Brain Research</i> , <b>1988</b> , 473, 198-202	3.7	15
18	Effect of amygdalar opioids on the anxiolytic properties of ethanol. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 985, 472-5	6.5	14
17	Perinatal ethanol exposure alters met-enkephalin levels of male and female rats. <i>Neurotoxicology and Teratology</i> , <b>2006</b> , 28, 238-44	3.9	13
16	Changes in nociceptive and anxiolytic responses following herpes virus-mediated preproenkephalin overexpression in rat amygdala are naloxone-reversible and transient. <i>Annals of the New York Academy of Sciences</i> , <b>1999</b> , 877, 751-5	6.5	13
15	Direct effects of ovarian hormones on antidepressant binding sites. <i>Brain Research Bulletin</i> , <b>1989</b> , 22, 181-5	3.9	13
14	Age alters the observed response of imipramine binding sites to chronic antidepressant treatment in female rats. <i>European Journal of Pharmacology</i> , <b>1984</b> , 106, 381-91	5.3	13
13	Hemispheric differences in the number of parvalbumin-positive neurons in subdivisions of the rat basolateral amygdala complex. <i>Brain Research</i> , <b>2018</b> , 1678, 214-219	3.7	13
12	Pharmacokinetics of imipramine are affected by age and sex in rats. <i>Life Sciences</i> , <b>1986</b> , 38, 711-8	6.8	12
11	Common pathways and communication between the brain and heart: connecting post-traumatic stress disorder and heart failure. <i>Stress</i> , <b>2019</b> , 22, 530-547	3	11

10	Lack of sex differences in anxiety behaviors during precipitated benzodiazepine withdrawal in rats. <i>Physiology and Behavior</i> , <b>1999</b> , 66, 125-30	3.5	10
9	Gonadectomy and sex modulate spontaneous activity of substantia nigra pars reticulata neurons without modifying GABA/benzodiazepine responsiveness. <i>Life Sciences</i> , <b>1993</b> , 53, 217-25	6.8	5
8	Cholinergic neurotransmission in the basolateral amygdala during cued fear extinction. <i>Neurobiology of Stress</i> , <b>2020</b> , 13, 100279	7.6	5
7	Mu opioid receptor regulation of glutamate efflux in the central amygdala in response to predator odor. <i>Neurobiology of Stress</i> , <b>2019</b> , 11, 100197	7.6	4
6	Effects of chronic benzodiazepine exposure on stress-induced neuroactive steroid levels. <i>Brain Research</i> , <b>1999</b> , 824, 136-9	3.7	4
5	pH sensitivity of calmodulin distribution in nervous tissue fractions. <i>Brain Research</i> , <b>1985</b> , 331, 190-3	3.7	4
4	Audiogenic seizure activity following HSV-1 GAD65 sense or antisense injection into inferior colliculus of Long-Evans rat. <i>Epilepsy and Behavior</i> , <b>2017</b> , 71, 238-242	3.2	2
3	The amygdalar opioid system. <i>Handbook of Behavioral Neuroscience</i> , <b>2020</b> , 26, 161-212	0.7	1
2	Individual Differences in Conditioned Fear and Extinction in Female Rats. <i>Frontiers in Behavioral Neuroscience</i> , <b>2021</b> , 15, 740313	3.5	0
1	Characterizing 17- $\beta$ -Estradiol as a Precipitating Factor in Heightened Stress Susceptibility in Female Rats. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	