

Liisa A M Galea

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8557734/publications.pdf>

Version: 2024-02-01

188
papers

16,493
citations

13068

68
h-index

17546

121
g-index

211
all docs

211
docs citations

211
times ranked

11389
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurogenesis in the Dentate Gyrus of the Adult Tree Shrew Is Regulated by Psychosocial Stress and NMDA Receptor Activation. <i>Journal of Neuroscience</i> , 1997, 17, 2492-2498.	1.7	1,304
2	Chronic stress impairs rat spatial memory on the Y maze, and this effect is blocked by tianeptine treatment.. <i>Behavioral Neuroscience</i> , 1996, 110, 1321-1334.	0.6	645
3	Sex differences in dendritic atrophy of CA3 pyramidal neurons in response to chronic restraint stress. <i>Neuroscience</i> , 1997, 81, 689-697.	1.1	479
4	Sex differences in route-learning. <i>Personality and Individual Differences</i> , 1993, 14, 53-65.	1.6	429
5	Postpartum depression: Etiology, treatment and consequences for maternal care. <i>Hormones and Behavior</i> , 2016, 77, 153-166.	1.0	341
6	Exposure to fox odor inhibits cell proliferation in the hippocampus of adult rats via an adrenal hormone-dependent mechanism. <i>Journal of Comparative Neurology</i> , 2001, 437, 496-504.	0.9	320
7	Stress inhibits the proliferation of granule cell precursors in the developing dentate gyrus. <i>International Journal of Developmental Neuroscience</i> , 1998, 16, 235-239.	0.7	300
8	Effects of steroid hormones on neurogenesis in the hippocampus of the adult female rodent during the estrous cycle, pregnancy, lactation and aging. <i>Frontiers in Neuroendocrinology</i> , 2009, 30, 343-357.	2.5	265
9	Depression during pregnancy and postpartum: Contribution of stress and ovarian hormones. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 766-776.	2.5	258
10	Chronic high corticosterone reduces neurogenesis in the dentate gyrus of adult male and female rats. <i>Neuroscience</i> , 2010, 168, 680-690.	1.1	253
11	Sex and seasonal changes in the rate of cell proliferation in the dentate gyrus of adult wild meadow voles. <i>Neuroscience</i> , 1999, 89, 955-964.	1.1	251
12	Testosterone and dihydrotestosterone, but not estradiol, enhance survival of new hippocampal neurons in adult male rats. <i>Developmental Neurobiology</i> , 2007, 67, 1321-1333.	1.5	244
13	Estradiol alleviates depressive-like symptoms in a novel animal model of post-partum depression. <i>Behavioural Brain Research</i> , 2001, 122, 1-9.	1.2	242
14	Sex differences in depression: Insights from clinical and preclinical studies. <i>Progress in Neurobiology</i> , 2019, 176, 86-102.	2.8	228
15	Gonadal hormone modulation of neurogenesis in the dentate gyrus of adult male and female rodents. <i>Brain Research Reviews</i> , 2008, 57, 332-341.	9.1	227
16	Sex differences in hippocampal cognition and neurogenesis. <i>Neuropsychopharmacology</i> , 2019, 44, 200-213.	2.8	215
17	Gonadal hormone modulation of hippocampal neurogenesis in the adult. <i>Hippocampus</i> , 2006, 16, 225-232.	0.9	210
18	Gonadal Hormone Levels and Spatial Learning Performance in the Morris Water Maze in Male and Female Meadow Voles, <i>Microtus pennsylvanicus</i> . <i>Hormones and Behavior</i> , 1995, 29, 106-125.	1.0	209

#	ARTICLE	IF	CITATIONS
19	Adult hippocampal neurogenesis and voluntary running activity: Circadian and dose-dependent effects. <i>Journal of Neuroscience Research</i> , 2004, 76, 216-222.	1.3	206
20	High post-partum levels of corticosterone given to dams influence postnatal hippocampal cell proliferation and behavior of offspring: A model of post-partum stress and possible depression. <i>Hormones and Behavior</i> , 2006, 50, 370-382.	1.0	186
21	Sex, Hormones and Neurogenesis in the Hippocampus: Hormonal Modulation of Neurogenesis and Potential Functional Implications. <i>Journal of Neuroendocrinology</i> , 2013, 25, 1039-1061.	1.2	184
22	Reproductive experience alters hippocampal neurogenesis during the postpartum period in the dam. <i>Neuroscience</i> , 2007, 149, 53-67.	1.1	183
23	Chronic corticosterone during pregnancy and postpartum affects maternal care, cell proliferation and depressive-like behavior in the dam. <i>Hormones and Behavior</i> , 2010, 58, 769-779.	1.0	180
24	Repeated estradiol administration alters different aspects of neurogenesis and cell death in the hippocampus of female, but not male, rats. <i>Neuroscience</i> , 2008, 152, 888-902.	1.1	172
25	Sex differences in cell proliferation, cell death and defensive behavior following acute predator odor stress in adult rats. <i>Brain Research</i> , 2003, 975, 22-36.	1.1	170
26	Sex differences in the brain: Implications for behavioral and biomedical research. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 126-145.	2.9	170
27	Estradiol initially enhances but subsequently suppresses (via adrenal steroids) granule cell proliferation in the dentate gyrus of adult female rats. <i>Journal of Neurobiology</i> , 2003, 55, 247-260.	3.7	169
28	Sexually dimorphic spatial learning varies seasonally in two populations of deer mice. <i>Brain Research</i> , 1994, 635, 18-26.	1.1	158
29	Low levels of estradiol facilitate, whereas high levels of estradiol impair, working memory performance on the radial arm maze.. <i>Behavioral Neuroscience</i> , 2002, 116, 928-934.	0.6	155
30	Hippocampus-dependent learning promotes survival of new neurons in the dentate gyrus at a specific time during cell maturation. <i>Neuroscience</i> , 2007, 149, 273-285.	1.1	155
31	Hippocampal learning, memory, and neurogenesis: Effects of sex and estrogens across the lifespan in adults. <i>Hormones and Behavior</i> , 2015, 74, 37-52.	1.0	152
32	Hippocampal morphology is differentially affected by reproductive experience in the mother. <i>Journal of Neurobiology</i> , 2006, 66, 71-81.	3.7	151
33	Sex Hormones and Cognition: Neuroendocrine Influences on Memory and Learning. , 2016, 6, 1295-1337.		151
34	Sex hormones and adult hippocampal neurogenesis: Regulation, implications, and potential mechanisms. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 129-152.	2.5	151
35	High levels of estradiol disrupt conditioned place preference learning, stimulus response learning and reference memory but have limited effects on working memory. <i>Behavioural Brain Research</i> , 2001, 126, 115-126.	1.2	150
36	Influence of different estrogens on neuroplasticity and cognition in the hippocampus. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 1056-1067.	1.1	145

#	ARTICLE	IF	CITATIONS
37	Chronic restraint stress in adolescence differentially influences hypothalamicâ€pituitaryâ€adrenal axis function and adult hippocampal neurogenesis in male and female rats. <i>Hippocampus</i> , 2011, 21, 1216-1227.	0.9	143
38	Reproductive status influences cell proliferation and cell survival in the dentate gyrus of adult female meadow voles: a possible regulatory role for estradiol. <i>Neuroscience</i> , 2001, 102, 369-379.	1.1	137
39	Both estrogen receptor $\hat{1}$ and estrogen receptor $\hat{2}$ agonists enhance cell proliferation in the dentate gyrus of adult female rats. <i>Neuroscience</i> , 2006, 141, 1793-1800.	1.1	136
40	Reproductive experience differentially affects spatial reference and working memory performance in the mother. <i>Hormones and Behavior</i> , 2006, 49, 143-149.	1.0	133
41	The Neural Plasticity Theory of Depression: Assessing the Roles of Adult Neurogenesis and PSA-NCAM within the Hippocampus. <i>Neural Plasticity</i> , 2013, 2013, 1-14.	1.0	129
42	Spatial Working Memory and Hippocampal Size across Pregnancy in Rats. <i>Hormones and Behavior</i> , 2000, 37, 86-95.	1.0	123
43	Why estrogens matter for behavior and brain health. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 363-379.	2.9	123
44	Structural plasticity of the hippocampus in response to estrogens in female rodents. <i>Molecular Brain</i> , 2019, 12, 22.	1.3	119
45	Estradiol enhances neurogenesis in the dentate gyri of adult male meadow voles by increasing the survival of young granule neurons. <i>Neuroscience</i> , 2004, 128, 645-654.	1.1	114
46	Endocrine substrates of cognitive and affective changes during pregnancy and postpartum.. <i>Behavioral Neuroscience</i> , 2012, 126, 54-72.	0.6	113
47	First reproductive experience persistently affects spatial reference and working memory in the mother and these effects are not due to pregnancy or â€motheringâ€™ alone. <i>Behavioural Brain Research</i> , 2006, 175, 157-165.	1.2	111
48	Endocrine regulation of cognition and neuroplasticity: Our pursuit to unveil the complex interaction between hormones, the brain, and behaviour.. <i>Canadian Journal of Experimental Psychology</i> , 2008, 62, 247-260.	0.7	109
49	Low Doses of $17\hat{1}$ -Estradiol and $17\hat{2}$ -Estradiol Facilitate, Whereas Higher Doses of Estrone and $17\hat{1}$ - and $17\hat{2}$ -Estradiol Impair, Contextual Fear Conditioning in Adult Female Rats. <i>Neuropsychopharmacology</i> , 2010, 35, 547-559.	2.8	107
50	Sleep deprivation can inhibit adult hippocampal neurogenesis independent of adrenal stress hormones. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1693-R1703.	0.9	103
51	Progesterone treatment normalizes the levels of cell proliferation and cell death in the dentate gyrus of the hippocampus after traumatic brain injury. <i>Experimental Neurology</i> , 2011, 231, 72-81.	2.0	102
52	Androgens Increase Survival of Adult-Born Neurons in the Dentate Gyrus by an Androgen Receptor-Dependent Mechanism in Male Rats. <i>Endocrinology</i> , 2013, 154, 3294-3304.	1.4	100
53	Adult hippocampal cell proliferation is suppressed with estrogen withdrawal after a hormone-simulated pregnancy. <i>Hormones and Behavior</i> , 2008, 54, 203-211.	1.0	96
54	$17\hat{2}$ -Estradiol, but not estrone, increases the survival and activation of new neurons in the hippocampus in response to spatial memory in adult female rats. <i>Hormones and Behavior</i> , 2013, 63, 144-157.	1.0	93

#	ARTICLE	IF	CITATIONS
55	Different Forms of Oestrogen Rapidly Upregulate Cell Proliferation in the Dentate Gyrus of Adult Female Rats. <i>Journal of Neuroendocrinology</i> , 2009, 21, 155-166.	1.2	91
56	Endocannabinoids modulate stress-induced suppression of hippocampal cell proliferation and activation of defensive behaviours. <i>European Journal of Neuroscience</i> , 2006, 24, 1845-1849.	1.2	85
57	Sex differences in neurogenesis and activation of new neurons in response to spatial learning and memory. <i>Psychoneuroendocrinology</i> , 2013, 38, 1236-1250.	1.3	85
58	Influence of sex and stress exposure across the lifespan on endophenotypes of depression: focus on behavior, glucocorticoids, and hippocampus. <i>Frontiers in Neuroscience</i> , 2014, 8, 420.	1.4	85
59	High level estradiol impairs and low level estradiol facilitates non-spatial working memory. <i>Behavioural Brain Research</i> , 2004, 155, 45-53.	1.2	83
60	Motherhood alters the cellular response to estrogens in the hippocampus later in life. <i>Neurobiology of Aging</i> , 2011, 32, 2091-2095.	1.5	81
61	Personalising exercise recommendations for brain health: considerations and future directions. <i>British Journal of Sports Medicine</i> , 2017, 51, 636-639.	3.1	81
62	An analysis of neuroscience and psychiatry papers published from 2009 and 2019 outlines opportunities for increasing discovery of sex differences. <i>Nature Communications</i> , 2022, 13, 2137.	5.8	81
63	The long and short term effects of motherhood on the brain. <i>Frontiers in Neuroendocrinology</i> , 2019, 53, 100740.	2.5	80
64	Low levels of estradiol facilitate, whereas high levels of estradiol impair, working memory performance on the radial arm maze. <i>Behavioral Neuroscience</i> , 2002, 116, 928-34.	0.6	80
65	Maternal care affects male and female offspring working memory and stress reactivity. <i>Physiology and Behavior</i> , 2007, 92, 939-950.	1.0	79
66	ER α , but not ER β , mediates the expression of sexual behavior in the female rat. <i>Behavioural Brain Research</i> , 2008, 191, 111-117.	1.2	79
67	Estradiol Modulates Effort-Based Decision Making in Female Rats. <i>Neuropsychopharmacology</i> , 2012, 37, 390-401.	2.8	79
68	Sex and strategy use matters for pattern separation, adult neurogenesis, and immediate early gene expression in the hippocampus. <i>Hippocampus</i> , 2016, 26, 87-101.	0.9	77
69	Relations of hippocampal volume and dentate gyrus width to gonadal hormone levels in male and female meadow voles. <i>Brain Research</i> , 1999, 821, 383-391.	1.1	76
70	Defensive behavior and hippocampal cell proliferation: Differential modulation by naltrexone during stress.. <i>Behavioral Neuroscience</i> , 2002, 116, 160-168.	0.6	76
71	Hippocampal Plasticity during the Peripartum Period: Influence of Sex Steroids, Stress and Ageing. <i>Journal of Neuroendocrinology</i> , 2014, 26, 641-648.	1.2	76
72	Spatial learning in deer mice: sex differences and the effects of endogenous opioids and 60 Hz magnetic fields. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1996, 179, 715-724.	0.7	75

#	ARTICLE	IF	CITATIONS
73	Hypogonadism predisposes males to the development of behavioural and neuroplastic depressive phenotypes. <i>Psychoneuroendocrinology</i> , 2011, 36, 1327-1341.	1.3	74
74	Sex and regional differences in estradiol content in the prefrontal cortex, amygdala and hippocampus of adult male and female rats. <i>General and Comparative Endocrinology</i> , 2009, 164, 77-84.	0.8	72
75	Reproductive experience alters corticosterone and CBG levels in the rat dam. <i>Physiology and Behavior</i> , 2009, 96, 108-114.	1.0	72
76	Role of estradiol withdrawal in "anhedonic" sucrose consumption: A model of postpartum depression. <i>Physiology and Behavior</i> , 2009, 97, 259-265.	1.0	72
77	Parity modifies the effects of fluoxetine and corticosterone on behavior, stress reactivity, and hippocampal neurogenesis. <i>Neuropharmacology</i> , 2016, 105, 443-453.	2.0	71
78	Systemic and local administration of estradiol into the prefrontal cortex or hippocampus differentially alters working memory. <i>Neurobiology of Learning and Memory</i> , 2006, 86, 293-304.	1.0	69
79	Hippocampus-dependent learning influences hippocampal neurogenesis. <i>Frontiers in Neuroscience</i> , 2013, 7, 57.	1.4	69
80	Reproductive status influences the survival of new cells in the dentate gyrus of adult male meadow voles. <i>Neuroscience Letters</i> , 2003, 346, 25-28.	1.0	67
81	Running wild: Neurogenesis in the hippocampus across the lifespan in wild and laboratory-bred Norway rats. <i>Hippocampus</i> , 2009, 19, 1040-1049.	0.9	67
82	Sex, hormones, and genotype interact to influence psychiatric disease, treatment, and behavioral research. <i>Journal of Neuroscience Research</i> , 2017, 95, 50-64.	1.3	67
83	Castration Differentially Affects Spatial Working and Reference Memory in Male Rats. <i>Archives of Sexual Behavior</i> , 2008, 37, 19-29.	1.2	64
84	Postpartum Corticosterone Administration Reduces Dendritic Complexity and Increases the Density of Mushroom Spines of Hippocampal CA3 Arbours in Dams. <i>Journal of Neuroendocrinology</i> , 2013, 25, 119-130.	1.2	64
85	Maternal postpartum corticosterone and fluoxetine differentially affect adult male and female offspring on anxiety-like behavior, stress reactivity, and hippocampal neurogenesis. <i>Neuropharmacology</i> , 2016, 101, 165-178.	2.0	64
86	Increased Hippocampal Neurogenesis and p21 Expression in Depression: Dependent on Antidepressants, Sex, Age, and Antipsychotic Exposure. <i>Neuropsychopharmacology</i> , 2013, 38, 2297-2306.	2.8	63
87	Early and late effects of maternal experience on hippocampal neurogenesis, microglia, and the circulating cytokine milieu. <i>Neurobiology of Aging</i> , 2019, 78, 1-17.	1.5	63
88	Prenatal alcohol exposure reduces the proportion of newly produced neurons and glia in the dentate gyrus of the hippocampus in female rats. <i>Hormones and Behavior</i> , 2010, 58, 835-843.	1.0	62
89	Multiparity-induced enhancement of hippocampal neurogenesis and spatial memory depends on ovarian hormone status in middle age. <i>Neurobiology of Aging</i> , 2015, 36, 2391-2405.	1.5	60
90	Sex differences in the expression and antagonism of swim stress-induced analgesia in deer mice vary with the breeding season. <i>Pain</i> , 1995, 63, 327-334.	2.0	58

#	ARTICLE	IF	CITATIONS
91	Upregulation of CB1 receptor binding in the ventromedial prefrontal cortex promotes proactive stress-coping strategies following chronic stress exposure. <i>Behavioural Brain Research</i> , 2013, 237, 333-337.	1.2	58
92	Neonatal S100B Protein Levels After Prenatal Exposure to Selective Serotonin Reuptake Inhibitors. <i>Pediatrics</i> , 2009, 124, e662-e670.	1.0	56
93	Everyday life memory deficits in pregnant women.. <i>Canadian Journal of Experimental Psychology</i> , 2011, 65, 27-37.	0.7	56
94	Gestational and postpartum corticosterone exposure to the dam affects behavioral and endocrine outcome of the offspring in a sexually-dimorphic manner. <i>Neuropharmacology</i> , 2012, 62, 406-418.	2.0	56
95	Effects of Chronic Oestradiol, Progesterone and Medroxyprogesterone Acetate on Hippocampal Neurogenesis and Adrenal Mass in Adult Female Rats. <i>Journal of Neuroendocrinology</i> , 2014, 26, 386-399.	1.2	56
96	Pregnancy Decreases Oestrogen Receptor $\hat{\pm}$ Expression and Pyknosis, but not Cell Proliferation or Survival, in the Hippocampus. <i>Journal of Neuroendocrinology</i> , 2010, 22, 248-257.	1.2	55
97	Ovarian hormones, but not fluoxetine, impart resilience within a chronic unpredictable stress model in middle-aged female rats. <i>Neuropharmacology</i> , 2016, 107, 278-293.	2.0	55
98	Basal regulation of HPA and dopamine systems is altered differentially in males and females by prenatal alcohol exposure and chronic variable stress. <i>Psychoneuroendocrinology</i> , 2013, 38, 1953-1966.	1.3	52
99	Testosterone has antidepressant-like efficacy and facilitates imipramine-induced neuroplasticity in male rats exposed to chronic unpredictable stress. <i>Hormones and Behavior</i> , 2016, 79, 58-69.	1.0	51
100	The promises and pitfalls of sex difference research. <i>Frontiers in Neuroendocrinology</i> , 2020, 56, 100817.	2.5	50
101	High levels of estradiol impair spatial performance in the Morris water maze and increase "depressive-like" behaviors in the female meadow vole. <i>Physiology and Behavior</i> , 2002, 77, 217-225.	1.0	49
102	Elevated corticosterone levels in stomach milk, serum, and brain of male and female offspring after maternal corticosterone treatment in the rat. <i>Developmental Neurobiology</i> , 2010, 70, 714-725.	1.5	47
103	Estradiol and GPER Activation Differentially Affect Cell Proliferation but Not GPER Expression in the Hippocampus of Adult Female Rats. <i>PLoS ONE</i> , 2015, 10, e0129880.	1.1	45
104	Sex, drugs, and adult neurogenesis: Sex-dependent effects of escalating adolescent cannabinoid exposure on adult hippocampal neurogenesis, stress reactivity, and amphetamine sensitization. <i>Hippocampus</i> , 2014, 24, 280-292.	0.9	44
105	Sex Differences in Maturation and Attrition of Adult Neurogenesis in the Hippocampus. <i>ENeuro</i> , 2020, 7, ENEURO.0468-19.2020.	0.9	44
106	Males show stronger contextual fear conditioning than females after context pre-exposure. <i>Physiology and Behavior</i> , 2010, 99, 82-90.	1.0	43
107	Voluntary running influences the efficacy of fluoxetine in a model of postpartum depression. <i>Neuropharmacology</i> , 2018, 128, 106-118.	2.0	43
108	Parasitic infection impairs spatial learning in mice. <i>Animal Behaviour</i> , 1995, 50, 223-229.	0.8	42

#	ARTICLE	IF	CITATIONS
109	Estradiol does not influence strategy choice but place strategy choice is associated with increased cell proliferation in the hippocampus of female rats. <i>Hormones and Behavior</i> , 2010, 58, 582-590.	1.0	42
110	Task difficulty in the Morris water task influences the survival of new neurons in the dentate gyrus. <i>Hippocampus</i> , 2010, 20, 866-876.	0.9	40
111	Prior high corticosterone exposure reduces activation of immature neurons in the ventral hippocampus in response to spatial and nonspatial memory. <i>Hippocampus</i> , 2015, 25, 329-344.	0.9	39
112	Perinatal Depression: Embracing Variability toward Better Treatment and Outcomes. <i>Neuron</i> , 2019, 102, 13-16.	3.8	39
113	Stress-induced suppression of hippocampal neurogenesis in adult male rats is altered by prenatal ethanol exposure. <i>Stress</i> , 2010, 13, 302-314.	0.8	38
114	Activation and survival of immature neurons in the dentate gyrus with spatial memory is dependent on time of exposure to spatial learning and age of cells at examination. <i>Neurobiology of Learning and Memory</i> , 2011, 95, 316-325.	1.0	38
115	Alcohol and pregnancy: Effects on maternal care, HPA axis function, and hippocampal neurogenesis in adult females. <i>Psychoneuroendocrinology</i> , 2015, 57, 37-50.	1.3	38
116	Reduction of predator odor-induced anxiety in mice by the neurosteroid 3 α -hydroxy-4-pregnen-20-one (3 α -HP). <i>Brain Research</i> , 1994, 645, 325-329.	1.1	37
117	Strain differences in neurogenesis and activation of new neurons in the dentate gyrus in response to spatial learning. <i>Neuroscience</i> , 2011, 172, 342-354.	1.1	37
118	The influence of sex, gender, age, and ethnicity on psychosocial factors and substance use throughout phases of the COVID-19 pandemic. <i>PLoS ONE</i> , 2021, 16, e0259676.	1.1	37
119	Offspring-exposure reduces depressive-like behaviour in the parturient female rat. <i>Behavioural Brain Research</i> , 2009, 197, 55-61.	1.2	36
120	The hormone therapy, Premarin, impairs hippocampus-dependent spatial learning and memory and reduces activation of new granule neurons in response to memory in female rats. <i>Neurobiology of Aging</i> , 2013, 34, 986-1004.	1.5	35
121	Sex differences in spatial learning and prefrontal and parietal cortical dendritic morphology in the meadow vole, <i>Microtus pennsylvanicus</i> . <i>Brain Research</i> , 1998, 810, 41-47.	1.1	34
122	Sex and estrous cycle differences in immediate early gene activation in the hippocampus and the dorsal striatum after the cue competition task. <i>Hormones and Behavior</i> , 2017, 87, 69-79.	1.0	34
123	Antidepressant use during pregnancy and serotonin transporter genotype (SLC6A4) Affect newborn serum reelin levels. <i>Developmental Psychobiology</i> , 2013, 55, 518-529.	0.9	33
124	The maternal 'baby brain' revisited. <i>Nature Neuroscience</i> , 2017, 20, 134-135.	7.1	33
125	Male preference for the odors of estrous female mice is enhanced by the neurosteroid 3 α -hydroxy-4-pregnen-20-one (3 α -HP). <i>Brain Research</i> , 1994, 646, 140-144.	1.1	32
126	Androgens Enhance Adult Hippocampal Neurogenesis in Males but Not Females in an Age-Dependent Manner. <i>Endocrinology</i> , 2019, 160, 2128-2136.	1.4	32

#	ARTICLE	IF	CITATIONS
127	Estradiol-induced enhancement in cell proliferation is mediated through estrogen receptors in the dentate gyrus of adult female rats. <i>Drug Development Research</i> , 2005, 66, 142-149.	1.4	30
128	Antinociceptive effects of the enkephalinase inhibitor, SCH 34826, in the snail, <i>Cepaea nemoralis</i> . <i>Peptides</i> , 1993, 14, 763-765.	1.2	27
129	Premarin has opposing effects on spatial learning, neural activation, and serum cytokine levels in middle-aged female rats depending on reproductive history. <i>Neurobiology of Aging</i> , 2018, 70, 291-307.	1.5	27
130	Hippocampus-dependent strategy choice predicts low levels of cell proliferation in the dentate gyrus. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 437-446.	1.0	25
131	Prior sexual experience increases hippocampal cell proliferation and decreases risk assessment behavior in response to acute predator odor stress in the male rat. <i>Behavioural Brain Research</i> , 2009, 200, 106-112.	1.2	24
132	Sex-dependent effects of maternal corticosterone and SSRI treatment on hippocampal neurogenesis across development. <i>Biology of Sex Differences</i> , 2017, 8, 20.	1.8	24
133	Predator-induced opioid and non-opioid mediated analgesia in young meadow voles: sex differences and developmental changes. <i>Brain Research</i> , 1993, 617, 214-219.	1.1	23
134	Beyond sex differences: short and long-term implications of motherhood on women's health. <i>Current Opinion in Physiology</i> , 2018, 6, 82-88.	0.9	23
135	Optimizing brain performance: Identifying mechanisms of adaptive neurobiological plasticity. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 60-71.	2.9	23
136	Sex influences the effects of APOE genotype and Alzheimer's diagnosis on neuropathology and memory. <i>Psychoneuroendocrinology</i> , 2021, 129, 105248.	1.3	22
137	Activational levels of androgens influence risk assessment behaviour but do not influence stress-induced suppression in hippocampal cell proliferation in adult male rats. <i>Behavioural Brain Research</i> , 2006, 175, 263-270.	1.2	20
138	Neural androgen receptors affect the number of surviving new neurones in the adult dentate gyrus of male mice. <i>Journal of Neuroendocrinology</i> , 2018, 30, e12578.	1.2	20
139	Defensive behavior and hippocampal cell proliferation: differential modulation by naltrexone during stress. <i>Behavioral Neuroscience</i> , 2002, 116, 160-8.	0.6	20
140	Sex differences in predictors and regional patterns of brain age gap estimates. <i>Human Brain Mapping</i> , 2022, 43, 4689-4698.	1.9	20
141	Spatial water maze learning using celestial cues by the meadow vole, <i>Microtus pennsylvanicus</i> . <i>Behavioural Brain Research</i> , 1994, 61, 97-100.	1.2	18
142	Risk-based decision making in rats: Modulation by sex and amphetamine. <i>Hormones and Behavior</i> , 2020, 125, 104815.	1.0	18
143	Inflammation in Alzheimer's Disease: Do Sex and APOE Matter?. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 627-641.	1.2	18
144	N-methyl-D-aspartate receptor activity and estradiol: separate regulation of cell proliferation in the dentate gyrus of adult female meadow vole. <i>Journal of Endocrinology</i> , 2003, 179, 155-163.	1.2	17

#	ARTICLE	IF	CITATIONS
145	Elevated Corticosterone Levels During the First Postpartum Period Influence Subsequent Pregnancy Outcomes and Behaviours of the Dam. <i>Journal of Neuroendocrinology</i> , 2011, 23, 1156-1165.	1.2	17
146	Chronic aromatase inhibition increases ventral hippocampal neurogenesis in middle-aged female mice. <i>Psychoneuroendocrinology</i> , 2019, 106, 111-116.	1.3	17
147	Perinatal depression: Heterogeneity of disease and in animal models. <i>Frontiers in Neuroendocrinology</i> , 2020, 59, 100854.	2.5	17
148	Enzymatic Depletion of the Polysialic Acid Moiety Associated with the Neural Cell Adhesion Molecule Inhibits Antidepressant Efficacy. <i>Neuropsychopharmacology</i> , 2016, 41, 1670-1680.	2.8	16
149	Selective activation of estrogen receptors $\hat{1}\pm$ and $\hat{1}^2$: Implications for depressive-like phenotypes in female mice exposed to chronic unpredictable stress. <i>Hormones and Behavior</i> , 2020, 119, 104651.	1.0	16
150	Hormonal modulators of glial ABCA1 and apoE levels. <i>Journal of Lipid Research</i> , 2013, 54, 3139-3150.	2.0	15
151	Neuronal Gonadotrophinâ€Releasing Hormone (GnRH) and Astrocytic Gonadotrophin Inhibitory Hormone (GnIH) Immunoreactivity in the Adult Ratâ€Hippocampus. <i>Journal of Neuroendocrinology</i> , 2015, 27, 772-786.	1.2	15
152	Paroxetine blunts the corticosterone response to swim-induced stress and increases depressive-like behavior in a rat model of postpartum depression. <i>Psychoneuroendocrinology</i> , 2018, 89, 223-228.	1.3	15
153	Effects of aging, high-fat diet, and testosterone treatment on neural and metabolic outcomes in male brown Norway rats. <i>Neurobiology of Aging</i> , 2019, 73, 145-160.	1.5	15
154	Naloxone facilitates spatial learning in a water-maze task in female, but not male, adult nonbreeding meadow voles. <i>Pharmacology Biochemistry and Behavior</i> , 1994, 47, 265-271.	1.3	14
155	Reproductive experience does not persistently alter prefrontal cortical-dependent learning but does alter strategy use dependent on estrous phase. <i>Hormones and Behavior</i> , 2013, 64, 439-447.	1.0	14
156	Oxytocin has sex-specific effects on social behaviour and hypothalamic oxytocin immunoreactive cells but not hippocampal neurogenesis in adult rats. <i>Hormones and Behavior</i> , 2020, 122, 104734.	1.0	14
157	Hormones and neuroplasticity: A lifetime of adaptive responses. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 679-690.	2.9	14
158	Sex and age differences in cognitive bias and neural activation in response to cognitive bias testing. <i>Neurobiology of Stress</i> , 2022, 18, 100458.	1.9	13
159	Maternal bisphenol A (BPA) decreases attractiveness of male offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 11305-11306.	3.3	12
160	Amphetamine sensitization and cross-sensitization with acute restraint stress: impact of prenatal alcohol exposure in male and female rats. <i>Psychopharmacology</i> , 2015, 232, 1705-1716.	1.5	12
161	The scientific body of knowledge: Whose body does it serve? A spotlight on womenâ€™s brain health. <i>Frontiers in Neuroendocrinology</i> , 2021, 60, 100898.	2.5	12
162	Postpartum fluoxetine increased maternal inflammatory signalling and decreased tryptophan metabolism: Clues for efficacy. <i>Neuropharmacology</i> , 2020, 175, 108174.	2.0	10

#	ARTICLE	IF	CITATIONS
163	Maternal exercise increases but concurrent maternal fluoxetine prevents the increase in hippocampal neurogenesis of adult offspring. <i>Psychoneuroendocrinology</i> , 2018, 91, 186-197.	1.3	9
164	Sex Differences in Cognition Across Aging. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 235-284.	0.8	8
165	The Maternal Brain: Short- and Long-Term Effects of Reproductive Experience on Hippocampus Structure and Function in Adulthood. , 2016, , 197-220.		7
166	Hormonal Regulation of Hippocampal Neurogenesis: Implications for Depression and Exercise. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 43, 379-421.	0.8	7
167	Sex Differences in Rodent Spontaneous Activity Levels. , 1996, , 111-139.		7
168	Postpartum corticosterone and fluoxetine shift the tryptophan-kynurenine pathway in dams. <i>Psychoneuroendocrinology</i> , 2021, 130, 105273.	1.3	6
169	Are sex differences in cognitive impairment reflected in epigenetic age acceleration metrics?. <i>Neurobiology of Aging</i> , 2022, 109, 192-194.	1.5	6
170	Folic acid, but not folate, regulates different stages of neurogenesis in the ventral hippocampus of adult female rats. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12787.	1.2	5
171	Disinhibition of the prefrontal cortex leads to brain-wide increases in neuronal activation that are modified by spatial learning. <i>Brain Structure and Function</i> , 2019, 224, 171-190.	1.2	5
172	Sex differences in cortisol and memory following acute social stress in amnesic mild cognitive impairment. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2020, 42, 881-901.	0.8	5
173	Chasing red herrings and wild geese: Sex differences versus sex dimorphism. <i>Frontiers in Neuroendocrinology</i> , 2021, 63, 100940.	2.5	5
174	Gender inclusivity in women's health research. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 1950-1952.	1.1	5
175	Hormones and the regulation of adult neurogenesis in the hippocampus and beyond: Where are we now? Introduction to the special issue on hormonal regulation of adult neurogenesis: Implications for disease. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 1-2.	2.5	4
176	Ovarian status dictates the neuroinflammatory and behavioral consequences of sub-chronic stress exposure in middle-aged female mice. <i>Neurobiology of Stress</i> , 2020, 12, 100199.	1.9	4
177	Maternal fluoxetine reduces hippocampal inflammation and neurogenesis in adult offspring with sex-specific effects of periadolescent oxytocin. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 394-409.	2.0	4
178	Androgens and Adult Neurogenesis in the Hippocampus. <i>Androgens: Clinical Research and Therapeutics</i> , 2021, 2, 203-215.	0.2	4
179	Steroid hormones and hippocampal neurogenesis in the adult mammalian brain. <i>Vitamins and Hormones</i> , 2022, 118, 129-170.	0.7	4
180	Barriers To Accessing Contraception and Cervical and Breast Cancer Screening During COVID-19: A Prospective Cohort Study. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2022, 44, 1076-1083.	0.3	4

#	ARTICLE	IF	CITATIONS
181	A Tribute to Bruce S. McEwen. Trends in Neurosciences, 2020, 43, 127-130.	4.2	3
182	Sex and sex hormone differences in hippocampal neurogenesis and their relevance to Alzheimer's disease. , 2021, , 23-77.		3
183	The Role of Reproductive Experience on Hippocampal Function and Plasticity. , 2008, , 493-508.		1
184	When Trauma Gets Under Your Skin. Biological Psychiatry, 2022, 91, 250-251.	0.7	1
185	Assessing the role of adolescent hormonal contraceptive use on risk for depression: a 3-year longitudinal study protocol. BMC Women's Health, 2022, 22, 48.	0.8	1
186	Endocrinology and Psychiatry. , 2015, , 606-611.		0
187	A new beginning. Frontiers in Neuroendocrinology, 2016, 42, iii-iv.	2.5	0
188	Hormone Regulation of Neurogenesis Across the Lifespan. , 2017, , 373-410.		0