

# Jodi L Pawluski

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

4,069  
citations

87723

38  
h-index

118652

62  
g-index

80  
all docs

80  
docs citations

80  
times ranked

3515  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Gonadal hormone modulation of hippocampal neurogenesis in the adult. <i>Hippocampus</i> , 2006, 16, 225-232.	0.9	210
3	The Neurobiology of Postpartum Anxiety and Depression. <i>Trends in Neurosciences</i> , 2017, 40, 106-120.	4.2	191
4	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
5	Reproductive experience alters hippocampal neurogenesis during the postpartum period in the dam. <i>Neuroscience</i> , 2007, 149, 53-67.	1.1	183
6	Fluoxetine during Development Reverses the Effects of Prenatal Stress on Depressive-Like Behavior and Hippocampal Neurogenesis in Adolescence. <i>PLoS ONE</i> , 2011, 6, e24003.	1.1	154
7	Hippocampal morphology is differentially affected by reproductive experience in the mother. <i>Journal of Neurobiology</i> , 2006, 66, 71-81.	3.7	151
8	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
9	First reproductive experience persistently affects spatial reference and working memory in the mother and these effects are not due to pregnancy or "mothering" alone. <i>Behavioural Brain Research</i> , 2006, 175, 157-165.	1.2	111
10	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
11	Neuroplasticity in the maternal hippocampus: Relation to cognition and effects of repeated stress. <i>Hormones and Behavior</i> , 2016, 77, 86-97.	1.0	97
12	The effects of maternal depression and maternal selective serotonin reuptake inhibitor exposure on offspring. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 73.	1.8	93
13	Developmental fluoxetine exposure differentially alters central and peripheral measures of the HPA system in adolescent male and female offspring. <i>Neuroscience</i> , 2012, 220, 131-141.	1.1	86
14	Chronic fluoxetine treatment and maternal adversity differentially alter neurobehavioral outcomes in the rat dam. <i>Behavioural Brain Research</i> , 2012, 228, 159-168.	1.2	84
15	Maternal care affects male and female offspring working memory and stress reactivity. <i>Physiology and Behavior</i> , 2007, 92, 939-950.	1.0	79
16	ER $\alpha$ , but not ER $\beta$ , mediates the expression of sexual behavior in the female rat. <i>Behavioural Brain Research</i> , 2008, 191, 111-117.	1.2	79
17	Developmental fluoxetine exposure increases behavioral despair and alters epigenetic regulation of the hippocampal BDNF gene in adult female offspring. <i>Hormones and Behavior</i> , 2016, 80, 47-57.	1.0	78
18	Reproductive experience alters corticosterone and CBG levels in the rat dam. <i>Physiology and Behavior</i> , 2009, 96, 108-114.	1.0	72

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19	Glyphosate and glyphosate-based herbicide exposure during the peripartum period affects maternal brain plasticity, maternal behaviour and microbiome. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12731.	1.2	69
20	Prenatal SSRI exposure alters neonatal corticosteroid binding globulin, infant cortisol levels, and emerging HPA function. <i>Psychoneuroendocrinology</i> , 2012, 37, 1019-1028.	1.3	68
21	The HPA Axis During the Perinatal Period: Implications for Perinatal Depression. <i>Endocrinology</i> , 2018, 159, 3737-3746.	1.4	68
22	Developmental fluoxetine exposure and prenatal stress alter sexual differentiation of the brain and reproductive behavior in male rat offspring. <i>Psychoneuroendocrinology</i> , 2013, 38, 1618-1629.	1.3	67
23	Stress and the pregnant female: Impact on hippocampal cell proliferation, but not affective-like behaviors. <i>Hormones and Behavior</i> , 2011, 59, 572-580.	1.0	66
24	Low plasma cortisol and fecal cortisol metabolite measures as indicators of compromised welfare in domestic horses ( <i>Equus caballus</i> ). <i>PLoS ONE</i> , 2017, 12, e0182257.	1.1	62
25	Prenatal stress and early-life exposure to fluoxetine have enduring effects on anxiety and hippocampal BDNF gene expression in adult male offspring. <i>Developmental Psychobiology</i> , 2016, 58, 427-438.	0.9	61
26	Neonatal S100B Protein Levels After Prenatal Exposure to Selective Serotonin Reuptake Inhibitors. <i>Pediatrics</i> , 2009, 124, e662-e670.	1.0	56
27	Everyday life memory deficits in pregnant women.. <i>Canadian Journal of Experimental Psychology</i> , 2011, 65, 27-37.	0.7	56
28	Developmental exposure to SSRIs, in addition to maternal stress, has long-term sex-dependent effects on hippocampal plasticity. <i>Psychopharmacology</i> , 2015, 232, 1231-1244.	1.5	56
29	Pregnancy Decreases Oestrogen Receptor $\beta$ Expression and Pycnosis, but not Cell Proliferation or Survival, in the Hippocampus. <i>Journal of Neuroendocrinology</i> , 2010, 22, 248-257.	1.2	55
30	Perinatal fluoxetine effects on social play, the HPA system, and hippocampal plasticity in pre-adolescent male and female rats: Interactions with pre-gestational maternal stress. <i>Psychoneuroendocrinology</i> , 2017, 84, 159-171.	1.3	55
31	Long-Term Corticosterone Exposure Decreases Insulin Sensitivity and Induces Depressive-Like Behaviour in the C57BL/6NCrJ Mouse. <i>PLoS ONE</i> , 2014, 9, e106960.	1.1	52
32	Developmental Fluoxetine Exposure Normalizes the Long-Term Effects of Maternal Stress on Post-Operative Pain in Sprague-Dawley Rat Offspring. <i>PLoS ONE</i> , 2013, 8, e57608.	1.1	50
33	Gestational stress and fluoxetine treatment differentially affect plasticity, methylation and serotonin levels in the PFC and hippocampus of rat dams. <i>Neuroscience</i> , 2016, 327, 32-43.	1.1	48
34	Perinatal selective serotonin reuptake inhibitor medication (SSRI) effects on social behaviors, neurodevelopment and the epigenome. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 102-116.	2.9	48
35	Altered emotionality, hippocampus-dependent performance and expression of NMDA receptor subunit mRNAs in chronically stressed mice. <i>Stress</i> , 2014, 17, 108-116.	0.8	46
36	Effects of stress early in gestation on hippocampal neurogenesis and glucocorticoid receptor density in pregnant rats. <i>Neuroscience</i> , 2015, 290, 379-388.	1.1	45

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37	Dendritic morphology in the striatum and hypothalamus differentially exhibits experience-dependent changes in response to maternal care and early social isolation. <i>Behavioural Brain Research</i> , 2012, 233, 79-89.	1.2	44
38	Developmental fluoxetine exposure facilitates sexual behavior in female offspring. <i>Psychopharmacology</i> , 2014, 231, 123-133.	1.5	42
39	Serotonin and motherhood: From molecules to mood. <i>Frontiers in Neuroendocrinology</i> , 2019, 53, 100742.	2.5	41
40	Pregnancy or stress decrease complexity of CA3 pyramidal neurons in the hippocampus of adult female rats. <i>Neuroscience</i> , 2012, 227, 201-210.	1.1	38
41	Offspring-exposure reduces depressive-like behaviour in the parturient female rat. <i>Behavioural Brain Research</i> , 2009, 197, 55-61.	1.2	36
42	Developmental fluoxetine and prenatal stress effects on serotonin, dopamine, and synaptophysin density in the PFC and hippocampus of offspring at weaning. <i>Developmental Psychobiology</i> , 2016, 58, 315-327.	0.9	36
43	Perinatal fluoxetine has enduring sexually differentiated effects on neurobehavioral outcomes related to social behaviors. <i>Neuropharmacology</i> , 2019, 144, 70-81.	2.0	34
44	Fluoxetine Dose and Administration Method Differentially Affect Hippocampal Plasticity in Adult Female Rats. <i>Neural Plasticity</i> , 2014, 2014, 1-9.	1.0	33
45	Perinatal fluoxetine prevents the effect of pre-gestational maternal stress on 5-HT in the PFC, but maternal stress has enduring effects on mPFC synaptic structure in offspring. <i>Neuropharmacology</i> , 2018, 128, 168-180.	2.0	31
46	Less can be more: Fine tuning the maternal brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104475.	2.9	29
47	Perinatal fluoxetine increases hippocampal neurogenesis and reverses the lasting effects of pre-gestational stress on serum corticosterone, but not on maternal behavior, in the rat dam. <i>Behavioural Brain Research</i> , 2018, 339, 222-231.	1.2	28
48	Perinatal selective serotonin reuptake inhibitor (SSRI) effects on body weight at birth and beyond: A review of animal and human studies. <i>Reproductive Toxicology</i> , 2018, 77, 109-121.	1.3	27
49	Perinatal selective serotonin reuptake inhibitor (SSRI) and other antidepressant exposure effects on anxiety and depressive behaviors in offspring: A review of findings in humans and rodent models. <i>Reproductive Toxicology</i> , 2021, 99, 80-95.	1.3	27
50	Perinatal Selective Serotonin Reuptake Inhibitor Exposure: Impact on Brain Development and Neural Plasticity. <i>Neuroendocrinology</i> , 2012, 95, 39-46.	1.2	26
51	Input and word learning: caregivers' sensitivity to lexical category distinctions. <i>Journal of Child Language</i> , 2003, 30, 711-729.	0.8	25
52	A validated microfluidics-based LC-MS/MS method for the quantitation of fluoxetine and norfluoxetine in rat serum. <i>Electrophoresis</i> , 2012, 33, 3370-3379.	1.3	25
53	Audiogenic seizure as a model of sudden death in epilepsy: A comparative study between four inbred mouse strains from early life to adulthood. <i>Epilepsia</i> , 2020, 61, 342-349.	2.6	25
54	The $\beta$ -fetoprotein knock-out mouse model suggests that parental behavior is sexually differentiated under the influence of prenatal estradiol. <i>Hormones and Behavior</i> , 2010, 57, 434-440.	1.0	18

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55	Perinatal maternal stress and serotonin signaling: Effects on pain sensitivity in offspring. <i>Developmental Psychobiology</i> , 2014, 56, 885-896.	0.9	15
56	Perinatal SSRI medications and offspring hippocampal plasticity: interaction with maternal stress and sex. <i>Hormones</i> , 2018, 17, 15-24.	0.9	15
57	Sex matters in neuroscience and neuropsychopharmacology. <i>European Journal of Neuroscience</i> , 2020, 52, 2423-2428.	1.2	12
58	The brain oxytocin and corticotropin-releasing factor systems in grieving mothers: What we know and what we need to learn. <i>Peptides</i> , 2021, 143, 170593.	1.2	12
59	Selective serotonin reuptake inhibitor effects on neural biomarkers of perinatal depression. <i>Archives of Women's Mental Health</i> , 2019, 22, 431-435.	1.2	11
60	Effect of sertraline on central serotonin and hippocampal plasticity in pregnant and non-pregnant rats. <i>Neuropharmacology</i> , 2020, 166, 107950.	2.0	11
61	Neurobiology of peripartum mental illness. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 182, 63-82.	1.0	10
62	Long-term negative impact of an inappropriate first antiepileptic medication on the efficacy of a second antiepileptic medication in mice. <i>Epilepsia</i> , 2018, 59, e109-e113.	2.6	9
63	Pregnancy: a final frontier in mental health research. <i>Archives of Women's Mental Health</i> , 2019, 22, 831-832.	1.2	8
64	The Neurobiology of Maternal Mental Illness: Current understanding and future directions. <i>Archives of Women's Mental Health</i> , 2019, 22, 407-408.	1.2	5
65	High social motivation induces deficits in maternal behaviour but not plasticity of the subventricular zone in Japanese quail ( <i>Coturnix japonica</i> ). <i>Journal of Neuroendocrinology</i> , 2019, 31, e12716.	1.2	2
66	The Role of Reproductive Experience on Hippocampal Function and Plasticity. , 2008, , 493-508.		1
67	Exposure to glyphosate and glyphosate-based herbicides during the perinatal period affect maternal behavior and maternal brain plasticity. <i>Toxicology Letters</i> , 2017, 280, S151.	0.4	1
68	Gestational Stress and Parenting: A Review of Human and Animal Literature. , 2021, , 317-346.		1
69	Fos expression in the medial preoptic area and nucleus accumbens of female Japanese quail ( <i>Coturnix</i> ) Tj ETQq1 1 0.784314 rgBT /Over 113357.	1.0	1
70	Parental Brain Conference 2018. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12789.	1.2	0
71	Moving Forward From COVID-19: Bridging Knowledge Gaps in Maternal Health With a New Conceptual Model. <i>Frontiers in Global Women S Health</i> , 2020, 1, 586697.	1.1	0
72	Associations Between Prenatal Exposure to Serotonergic Medications and Biobehavioral Stress Regulation: Protocol for a Systematic Review and Meta-analysis. <i>JMIR Research Protocols</i> , 2022, 11, e33363.	0.5	0

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73	Input and word learning: caregivers' sensitivity to lexical category distinctions. <i>Journal of Child Language</i> , 2003, 30, 711-29.	0.8	0
74	Neurobiologie de la d'pression post-partum: la «douleur» émotionnelle de la mère et du nourrisson. , 2022, , 173-205.		0
75	Memory and Motherhood: Is It Better Than What We Think?. <i>Journal of Women's Health</i> , 2022, , .	1.5	0
76	Editorial: Neurobiology of Peripartum Mental Illness. <i>Frontiers in Global Women S Health</i> , 0, 3, .	1.1	0