# Liisa A M Galea

List of Publications by Year
in descending order

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|---|---|---|---|
| 188 papers | 16,493 citations | 13099 68 h-index | 17592 121 g-index |
| 211 all docs | 211 docs citations | 211 times ranked | 11389 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Are sex differences in cognitive impairment reflected in epigenetic age acceleration metrics?. Neurobiology of Aging, 2022, 109, 192-194. | 3.1 | 6 |
| 2 | Hormones and neuroplasticity: A lifetime of adaptive responses. Neuroscience and Biobehavioral Reviews, 2022, 132, 679-690. | 6.1 | 14 |
| 3 | When Trauma Gets Under Your Skin. Biological Psychiatry, 2022, 91, 250-251. | 1.3 | 1 |
| 4 | 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. | 2.0 | 1 |
| 5 | An analysis of neuroscience and psychiatry papers published from 2009 and 2019 outlines opportunities for increasing discovery of sex differences. Nature Communications, 2022, 13, 2137. | 12.8 | 81 |
| 6 | Sex Differences in Cognition Across Aging. Current Topics in Behavioral Neurosciences, 2022, , 235-284. | 1.7 | 8 |
| 7 | Steroid hormones and hippocampal neurogenesis in the adult mammalian brain. Vitamins and Hormones, 2022, 118, 129-170. | 1.7 | 4 |
| 8 | Sex and age differences in cognitive bias and neural activation in response to cognitive bias testing. Neurobiology of Stress, 2022, 18, 100458. | 4.0 | 13 |
| 9 | Gender inclusivity in womenâ€™s health research. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, 129, 1950-1952. | 2.3 | 5 |
| 10 | Barriers To Accessing Contraception and Cervical and Breast Cancer Screening During COVID-19: A Prospective Cohort Study. Journal of Obstetrics and Gynaecology Canada, 2022, 44, 1076-1083. | 0.7 | 4 |
| 11 | Sex differences in predictors and regional patterns of brain age gap estimates. Human Brain Mapping, 2022, 43, 4689-4698. | 3.6 | 20 |
| 12 | The scientific body of knowledge: Whose body does it serve? A spotlight on womenâ€™s brain health. Frontiers in Neuroendocrinology, 2021, 60, 100898. | 5.2 | 12 |
| 13 | Sex and sex hormone differences in hippocampal neurogenesis and their relevance to Alzheimerâ€™s disease. , 2021, , 23-77. | | 3 |
| 14 | Sex influences the effects of APOE genotype and Alzheimerâ€™s diagnosis on neuropathology and memory. Psychoneuroendocrinology, 2021, 129, 105248. | 2.7 | 22 |
| 15 | Postpartum corticosterone and fluoxetine shift the tryptophan-kynurenine pathway in dams. Psychoneuroendocrinology, 2021, 130, 105273. | 2.7 | 6 |
| 16 | Maternal fluoxetine reduces hippocampal inflammation and neurogenesis in adult offspring with sex-specific effects of periadolescent oxytocin. Brain, Behavior, and Immunity, 2021, 97, 394-409. | 4.1 | 4 |
| 17 | Chasing red herrings and wild geese: Sex differences versus sex dimorphism. Frontiers in Neuroendocrinology, 2021, 63, 100940. | 5.2 | 5 |
| 18 | The influence of sex, gender, age, and ethnicity on psychosocial factors and substance use throughout phases of the COVID-19 pandemic. PLoS ONE, 2021, 16, e0259676. | 2.5 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Androgens and Adult Neurogenesis in the Hippocampus. Androgens: Clinical Research and Therapeutics, 2021, 2, 203-215. | 0.5 | 4 |
| 20 | Selective activation of estrogen receptors Î± and Î²: Implications for depressive-like phenotypes in female mice exposed to chronic unpredictable stress. Hormones and Behavior, 2020, 119, 104651. | 2.1 | 16 |
| 21 | The promises and pitfalls of sex difference research. Frontiers in Neuroendocrinology, 2020, 56, 100817. | 5.2 | 50 |
| 22 | Ovarian status dictates the neuroinflammatory and behavioral consequences of sub-chronic stress exposure in middle-aged female mice. Neurobiology of Stress, 2020, 12, 100199. | 4.0 | 4 |
| 23 | Risk-based decision making in rats: Modulation by sex and amphetamine. Hormones and Behavior, 2020, 125, 104815. | 2.1 | 18 |
| 24 | Sex differences in cortisol and memory following acute social stress in amnestic mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2020, 42, 881-901. | 1.3 | 5 |
| 25 | Inflammation in Alzheimerâ€™s Disease: Do Sex and APOE Matter?. Journal of Alzheimer's Disease, 2020, 78, 627-641. | 2.6 | 18 |
| 26 | Perinatal depression: Heterogeneity of disease and in animal models. Frontiers in Neuroendocrinology, 2020, 59, 100854. | 5.2 | 17 |
| 27 | Postpartum fluoxetine increased maternal inflammatory signalling and decreased tryptophan metabolism: Clues for efficacy. Neuropharmacology, 2020, 175, 108174. | 4.1 | 10 |
| 28 | Oxytocin has sex-specific effects on social behaviour and hypothalamic oxytocin immunoreactive cells but not hippocampal neurogenesis in adult rats. Hormones and Behavior, 2020, 122, 104734. | 2.1 | 14 |
| 29 | A Tribute to Bruce S. McEwen. Trends in Neurosciences, 2020, 43, 127-130. | 8.6 | 3 |
| 30 | Sex Differences in Maturation and Attrition of Adult Neurogenesis in the Hippocampus. ENeuro, 2020, 7, ENEURO.0468-19.2020. | 1.9 | 44 |
| 31 | Optimizing brain performance: Identifying mechanisms of adaptive neurobiological plasticity. Neuroscience and Biobehavioral Reviews, 2019, 105, 60-71. | 6.1 | 23 |
| 32 | Folic acid, but not folate, regulates different stages of neurogenesis in the ventral hippocampus of adult female rats. Journal of Neuroendocrinology, 2019, 31, e12787. | 2.6 | 5 |
| 33 | Androgens Enhance Adult Hippocampal Neurogenesis in Males but Not Females in an Age-Dependent Manner. Endocrinology, 2019, 160, 2128-2136. | 2.8 | 32 |
| 34 | Sex differences in depression: Insights from clinical and preclinical studies. Progress in Neurobiology, 2019, 176, 86-102. | 5.7 | 228 |
| 35 | Structural plasticity of the hippocampus in response to estrogens in female rodents. Molecular Brain, 2019, 12, 22. | 2.6 | 119 |
| 36 | The long and short term effects of motherhood on the brain. Frontiers in Neuroendocrinology, 2019, 53, 100740. | 5.2 | 80 |

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|---|---|---|---|
| 37 | Chronic aromatase inhibition increases ventral hippocampal neurogenesis in middle-aged female mice. Psychoneuroendocrinology, 2019, 106, 111-116. | 2.7 | 17 |
| 38 | Perinatal Depression: Embracing Variability toward Better Treatment and Outcomes. Neuron, 2019, 102, 13-16. | 8.1 | 39 |
| 39 | Early and late effects of maternal experience on hippocampal neurogenesis, microglia, and the circulating cytokine milieu. Neurobiology of Aging, 2019, 78, 1-17. | 3.1 | 63 |
| 40 | Sex differences in hippocampal cognition and neurogenesis. Neuropsychopharmacology, 2019, 44, 200-213. | 5.4 | 215 |
| 41 | Disinhibition of the prefrontal cortex leads to brain-wide increases in neuronal activation that are modified by spatial learning. Brain Structure and Function, 2019, 224, 171-190. | 2.3 | 5 |
| 42 | Effects of aging, high-fat diet, and testosterone treatment on neural and metabolic outcomes in male brown Norway rats. Neurobiology of Aging, 2019, 73, 145-160. | 3.1 | 15 |
| 43 | Neural androgen receptors affect the number of surviving new neurones in the adult dentate gyrus of male mice. Journal of Neuroendocrinology, 2018, 30, e12578. | 2.6 | 20 |
| 44 | Sex differences in the brain: Implications for behavioral and biomedical research. Neuroscience and Biobehavioral Reviews, 2018, 85, 126-145. | 6.1 | 170 |
| 45 | Maternal exercise increases but concurrent maternal fluoxetine prevents the increase in hippocampal neurogenesis of adult offspring. Psychoneuroendocrinology, 2018, 91, 186-197. | 2.7 | 9 |
| 46 | Voluntary running influences the efficacy of fluoxetine in a model of postpartum depression. Neuropharmacology, 2018, 128, 106-118. | 4.1 | 43 |
| 47 | Paroxetine blunts the corticosterone response to swim-induced stress and increases depressive-like behavior in a rat model of postpartum depression. Psychoneuroendocrinology, 2018, 89, 223-228. | 2.7 | 15 |
| 48 | Hormonal Regulation of Hippocampal Neurogenesis: Implications for Depression and Exercise. Current Topics in Behavioral Neurosciences, 2018, 43, 379-421. | 1.7 | 7 |
| 49 | Beyond sex differences: short and long-term implications of motherhood on womenâ€™s health. Current Opinion in Physiology, 2018, 6, 82-88. | 1.8 | 23 |
| 50 | Premarin has opposing effects on spatial learning, neural activation, and serum cytokine levels in middle-aged female ratsÂdepending on reproductive history. Neurobiology of Aging, 2018, 70, 291-307. | 3.1 | 27 |
| 51 | Why estrogens matter for behavior and brain health. Neuroscience and Biobehavioral Reviews, 2017, 76, 363-379. | 6.1 | 123 |
| 52 | The maternal 'baby brain' revisited. Nature Neuroscience, 2017, 20, 134-135. | 14.8 | 33 |
| 53 | Personalising exercise recommendations for brain health: considerations and future directions. British Journal of Sports Medicine, 2017, 51, 636-639. | 6.7 | 81 |
| 54 | Sex-dependent effects of maternal corticosterone and SSRI treatment on hippocampal neurogenesis across development. Biology of Sex Differences, 2017, 8, 20. | 4.1 | 24 |

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|---|---|---|---|
| 55 | Sex and estrous cycle differences in immediate early gene activation in the hippocampus and the dorsal striatum after the cue competition task. Hormones and Behavior, 2017, 87, 69-79. | 2.1 | 34 |
| 56 | Sex, hormones, and genotype interact to influence psychiatric disease, treatment, and behavioral research. Journal of Neuroscience Research, 2017, 95, 50-64. | 2.9 | 67 |
| 57 | Hormone Regulation of Neurogenesis Across the Lifespan. , 2017, , 373-410. | | 0 |
| 58 | The Maternal Brain: Short- and Long-Term Effects of Reproductive Experience on Hippocampus Structure and Function in Adulthood. , 2016, , 197-220. | | 7 |
| 59 | A new beginning. Frontiers in Neuroendocrinology, 2016, 42, iii-iv. | 5.2 | 0 |
| 60 | 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. Frontiers in Neuroendocrinology, 2016, 41, 1-2. | 5.2 | 4 |
| 61 | Ovarian hormones, but not fluoxetine, impart resilience within a chronic unpredictable stress model in middle-aged female rats. Neuropharmacology, 2016, 107, 278-293. | 4.1 | 55 |
| 62 | Sex Hormones and Cognition: Neuroendocrine Influences on Memory and Learning. , 2016, 6, 1295-1337. | | 151 |
| 63 | Sex hormones and adult hippocampal neurogenesis: Regulation, implications, and potential mechanisms. Frontiers in Neuroendocrinology, 2016, 41, 129-152. | 5.2 | 151 |
| 64 | Parity modifies the effects of fluoxetine and corticosterone on behavior, stress reactivity, and hippocampal neurogenesis. Neuropharmacology, 2016, 105, 443-453. | 4.1 | 71 |
| 65 | Testosterone has antidepressant-like efficacy and facilitates imipramine-induced neuroplasticity in male rats exposed to chronic unpredictable stress. Hormones and Behavior, 2016, 79, 58-69. | 2.1 | 51 |
| 66 | Enzymatic Depletion of the Polysialic Acid Moiety Associated with the Neural Cell Adhesion Molecule Inhibits Antidepressant Efficacy. Neuropsychopharmacology, 2016, 41, 1670-1680. | 5.4 | 16 |
| 67 | Maternal postpartum corticosterone and fluoxetine differentially affect adult male and female offspring on anxiety-like behavior, stress reactivity, and hippocampal neurogenesis. Neuropharmacology, 2016, 101, 165-178. | 4.1 | 64 |
| 68 | Postpartum depression: Etiology, treatment and consequences for maternal care. Hormones and Behavior, 2016, 77, 153-166. | 2.1 | 341 |
| 69 | Sex and strategy use matters for pattern separation, adult neurogenesis, and immediate early gene expression in the hippocampus. Hippocampus, 2016, 26, 87-101. | 1.9 | 77 |
| 70 | Neuronal Gonadotrophinâ€Releasing Hormone (GnRH) and Astrocytic Gonadotrophin Inhibitory Hormone (GnIH) Immunoreactivity in the Adult RatÂHippocampus. Journal of Neuroendocrinology, 2015, 27, 772-786. | 2.6 | 15 |
| 71 | Estradiol and GPER Activation Differentially Affect Cell Proliferation but Not GPER Expression in the Hippocampus of Adult Female Rats. PLoS ONE, 2015, 10, e0129880. | 2.5 | 45 |
| 72 | Endocrinology and Psychiatry. , 2015, , 606-611. | | 0 |

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|---|---|---|---|
| 73 | Hippocampal learning, memory, and neurogenesis: Effects of sex and estrogens across the lifespan in adults. Hormones and Behavior, 2015, 74, 37-52. | 2.1 | 152 |
| 74 | Alcohol and pregnancy: Effects on maternal care, HPA axis function, and hippocampal neurogenesis in adult females. Psychoneuroendocrinology, 2015, 57, 37-50. | 2.7 | 38 |
| 75 | Multiparity-induced enhancement of hippocampal neurogenesis and spatial memory depends on ovarian hormone status in middle age. Neurobiology of Aging, 2015, 36, 2391-2405. | 3.1 | 60 |
| 76 | Amphetamine sensitization and cross-sensitization with acute restraint stress: impact of prenatal alcohol exposure in male and female rats. Psychopharmacology, 2015, 232, 1705-1716. | 3.1 | 12 |
| 77 | Prior high corticosterone exposure reduces activation of immature neurons in the ventral hippocampus in response to spatial and nonspatial memory. Hippocampus, 2015, 25, 329-344. | 1.9 | 39 |
| 78 | Effects of Chronic Oestradiol, Progesterone and Medroxyprogesterone Acetate on Hippocampal Neurogenesis and Adrenal Mass in Adult Female Rats. Journal of Neuroendocrinology, 2014, 26, 386-399. | 2.6 | 56 |
| 79 | Sex, drugs, and adult neurogenesis: Sexâ€dependent effects of escalating adolescent cannabinoid exposure on adult hippocampal neurogenesis, stress reactivity, and amphetamine sensitization. Hippocampus, 2014, 24, 280-292. | 1.9 | 44 |
| 80 | Hippocampal Plasticity during the Peripartum Period: Influence of Sex Steroids, Stress and Ageing. Journal of Neuroendocrinology, 2014, 26, 641-648. | 2.6 | 76 |
| 81 | Influence of sex and stress exposure across the lifespan on endophenotypes of depression: focus on behavior, glucocorticoids, and hippocampus. Frontiers in Neuroscience, 2014, 8, 420. | 2.8 | 85 |
| 82 | Antidepressant use during pregnancy and serotonin transporter genotype (SLC6A4) Affect newborn serum reelin levels. Developmental Psychobiology, 2013, 55, 518-529. | 1.6 | 33 |
| 83 | Sex, Hormones and Neurogenesis in the Hippocampus: Hormonal Modulation of Neurogenesis and Potential Functional Implications. Journal of Neuroendocrinology, 2013, 25, 1039-1061. | 2.6 | 184 |
| 84 | Sex differences in neurogenesis and activation of new neurons in response to spatial learning and memory. Psychoneuroendocrinology, 2013, 38, 1236-1250. | 2.7 | 85 |
| 85 | 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. Neurobiology of Aging, 2013, 34, 986-1004. | 3.1 | 35 |
| 86 | 17Î²-Estradiol, but not estrone, increases the survival and activation of new neurons in the hippocampus in response to spatial memory in adult female rats. Hormones and Behavior, 2013, 63, 144-157. | 2.1 | 93 |
| 87 | Reproductive experience does not persistently alter prefrontal cortical-dependent learning but does alter strategy use dependent on estrous phase. Hormones and Behavior, 2013, 64, 439-447. | 2.1 | 14 |
| 88 | Basal regulation of HPA and dopamine systems is altered differentially in males and females by prenatal alcohol exposure and chronic variable stress. Psychoneuroendocrinology, 2013, 38, 1953-1966. | 2.7 | 52 |
| 89 | Postpartum Corticosterone Administration Reduces Dendritic Complexity and Increases the Density of Mushroom Spines of Hippocampal <scp>CA</scp>3 Arbours in Dams. Journal of Neuroendocrinology, 2013, 25, 119-130. | 2.6 | 64 |
| 90 | Increased Hippocampal Neurogenesis and p21 Expression in Depression: Dependent on Antidepressants, Sex, Age, and Antipsychotic Exposure. Neuropsychopharmacology, 2013, 38, 2297-2306. | 5.4 | 63 |

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|---|---|---|---|
| 91 | Upregulation of CB1 receptor binding in the ventromedial prefrontal cortex promotes proactive stress-coping strategies following chronic stress exposure. Behavioural Brain Research, 2013, 237, 333-337. | 2.2 | 58 |
| 92 | Hormonal modulators of glial ABCA1 and apoE levels. Journal of Lipid Research, 2013, 54, 3139-3150. | 4.2 | 15 |
| 93 | Androgens Increase Survival of Adult-Born Neurons in the Dentate Gyrus by an Androgen Receptor-Dependent Mechanism in Male Rats. Endocrinology, 2013, 154, 3294-3304. | 2.8 | 100 |
| 94 | Hippocampus-dependent learning influences hippocampal neurogenesis. Frontiers in Neuroscience, 2013, 7, 57. | 2.8 | 69 |
| 95 | The Neural Plasticity Theory of Depression: Assessing the Roles of Adult Neurogenesis and PSA-NCAM within the Hippocampus. Neural Plasticity, 2013, 2013, 1-14. | 2.2 | 129 |
| 96 | Estradiol Modulates Effort-Based Decision Making in Female Rats. Neuropsychopharmacology, 2012, 37, 390-401. | 5.4 | 79 |
| 97 | Gestational and postpartum corticosterone exposure to the dam affects behavioral and endocrine outcome of the offspring in a sexually-dimorphic manner. Neuropharmacology, 2012, 62, 406-418. | 4.1 | 56 |
| 98 | Endocrine substrates of cognitive and affective changes during pregnancy and postpartum.. Behavioral Neuroscience, 2012, 126, 54-72. | 1.2 | 113 |
| 99 | Motherhood alters the cellular response to estrogens in the hippocampus later in life. Neurobiology of Aging, 2011, 32, 2091-2095. | 3.1 | 81 |
| 100 | Strain differences in neurogenesis and activation of new neurons in the dentate gyrus in response to spatial learning. Neuroscience, 2011, 172, 342-354. | 2.3 | 37 |
| 101 | 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. Neurobiology of Learning and Memory, 2011, 95, 316-325. | 1.9 | 38 |
| 102 | Elevated Corticosterone Levels During the First Postpartum Period Influence Subsequent Pregnancy Outcomes and Behaviours of the Dam. Journal of Neuroendocrinology, 2011, 23, 1156-1165. | 2.6 | 17 |
| 103 | Hypogonadism predisposes males to the development of behavioural and neuroplastic depressive phenotypes. Psychoneuroendocrinology, 2011, 36, 1327-1341. | 2.7 | 74 |
| 104 | Progesterone treatment normalizes the levels of cell proliferation and cell death in the dentate gyrus of the hippocampus after traumatic brain injury. Experimental Neurology, 2011, 231, 72-81. | 4.1 | 102 |
| 105 | Chronic restraint stress in adolescence differentially influences hypothalamicâ€pituitaryâ€adrenal axis function and adult hippocampal neurogenesis in male and female rats. Hippocampus, 2011, 21, 1216-1227. | 1.9 | 143 |
| 106 | Maternal bisphenol A (BPA) decreases attractiveness of male offspring. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11305-11306. | 7.1 | 12 |
| 107 | Everyday life memory deficits in pregnant women.. Canadian Journal of Experimental Psychology, 2011, 65, 27-37. | 0.8 | 56 |
| 108 | Task difficulty in the Morris water task influences the survival of new neurons in the dentate gyrus. Hippocampus, 2010, 20, 866-876. | 1.9 | 40 |

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|---|---|---|---|
| 109 | Elevated corticosterone levels in stomach milk, serum, and brain of male and female offspring after maternal corticosterone treatment in the rat. Developmental Neurobiology, 2010, 70, 714-725. | 3.0 | 47 |
| 110 | Pregnancy Decreases Oestrogen Receptor Î± Expression and Pyknosis, but not Cell Proliferation or Survival, in the Hippocampus. Journal of Neuroendocrinology, 2010, 22, 248-257. | 2.6 | 55 |
| 111 | Low Doses of 17Î±-Estradiol and 17Î²-Estradiol Facilitate, Whereas Higher Doses of Estrone and 17Î±- and 17Î²-Estradiol Impair, Contextual Fear Conditioning in Adult Female Rats. Neuropsychopharmacology, 2010, 35, 547-559. | 5.4 | 107 |
| 112 | Influence of different estrogens on neuroplasticity and cognition in the hippocampus. Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 1056-1067. | 2.4 | 145 |
| 113 | Males show stronger contextual fear conditioning than females after context pre-exposure. Physiology and Behavior, 2010, 99, 82-90. | 2.1 | 43 |
| 114 | Depression during pregnancy and postpartum: Contribution of stress and ovarian hormones. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 766-776. | 4.8 | 258 |
| 115 | Chronic high corticosterone reduces neurogenesis in the dentate gyrus of adult male and female rats. Neuroscience, 2010, 168, 680-690. | 2.3 | 253 |
| 116 | Estradiol does not influence strategy choice but place strategy choice is associated with increased cell proliferation in the hippocampus of female rats. Hormones and Behavior, 2010, 58, 582-590. | 2.1 | 42 |
| 117 | Chronic corticosterone during pregnancy and postpartum affects maternal care, cell proliferation and depressive-like behavior in the dam. Hormones and Behavior, 2010, 58, 769-779. | 2.1 | 180 |
| 118 | Prenatal alcohol exposure reduces the proportion of newly produced neurons and glia in the dentate gyrus of the hippocampus in female rats. Hormones and Behavior, 2010, 58, 835-843. | 2.1 | 62 |
| 119 | Stress-induced suppression of hippocampal neurogenesis in adult male rats is altered by prenatal ethanol exposure. Stress, 2010, 13, 302-314. | 1.8 | 38 |
| 120 | Neonatal S100B Protein Levels After Prenatal Exposure to Selective Serotonin Reuptake Inhibitors. Pediatrics, 2009, 124, e662-e670. | 2.1 | 56 |
| 121 | Effects of steroid hormones on neurogenesis in the hippocampus of the adult female rodent during the estrous cycle, pregnancy, lactation and aging. Frontiers in Neuroendocrinology, 2009, 30, 343-357. | 5.2 | 265 |
| 122 | Sex and regional differences in estradiol content in the prefrontal cortex, amygdala and hippocampus of adult male and female rats. General and Comparative Endocrinology, 2009, 164, 77-84. | 1.8 | 72 |
| 123 | Running wild: Neurogenesis in the hippocampus across the lifespan in wild and laboratoryâ€bred Norway rats. Hippocampus, 2009, 19, 1040-1049. | 1.9 | 67 |
| 124 | Different Forms of Oestrogen Rapidly Upregulate Cell Proliferation in the Dentate Gyrus of Adult Female Rats. Journal of Neuroendocrinology, 2009, 21, 155-166. | 2.6 | 91 |
| 125 | Offspring-exposure reduces depressive-like behaviour in the parturient female rat. Behavioural Brain Research, 2009, 197, 55-61. | 2.2 | 36 |
| 126 | Prior sexual experience increases hippocampal cell proliferation and decreases risk assessment behavior in response to acute predator odor stress in the male rat. Behavioural Brain Research, 2009, 200, 106-112. | 2.2 | 24 |

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|---|---|---|---|
| 127 | Hippocampus-dependent strategy choice predicts low levels of cell proliferation in the dentate gyrus. Neurobiology of Learning and Memory, 2009, 91, 437-446. | 1.9 | 25 |
| 128 | Reproductive experience alters corticosterone and CBG levels in the rat dam. Physiology and Behavior, 2009, 96, 108-114. | 2.1 | 72 |
| 129 | Role of estradiol withdrawal in â€˜anhedonicâ€™ sucrose consumption: A model of postpartum depression. Physiology and Behavior, 2009, 97, 259-265. | 2.1 | 72 |
| 130 | Castration Differentially Affects Spatial Working and Reference Memory in Male Rats. Archives of Sexual Behavior, 2008, 37, 19-29. | 1.9 | 64 |
| 131 | Gonadal hormone modulation of neurogenesis in the dentate gyrus of adult male and female rodents. Brain Research Reviews, 2008, 57, 332-341. | 9.0 | 227 |
| 132 | Endocrine regulation of cognition and neuroplasticity: Our pursuit to unveil the complex interaction between hormones, the brain, and behaviour.. Canadian Journal of Experimental Psychology, 2008, 62, 247-260. | 0.8 | 109 |
| 133 | Repeated estradiol administration alters different aspects of neurogenesis and cell death in the hippocampus of female, but not male, rats. Neuroscience, 2008, 152, 888-902. | 2.3 | 172 |
| 134 | Adult hippocampal cell proliferation is suppressed with estrogen withdrawal after a hormone-simulated pregnancy. Hormones and Behavior, 2008, 54, 203-211. | 2.1 | 96 |
| 135 | ERÎ±, but not ERÎ², mediates the expression of sexual behavior in the female rat. Behavioural Brain Research, 2008, 191, 111-117. | 2.2 | 79 |
| 136 | Sleep deprivation can inhibit adult hippocampal neurogenesis independent of adrenal stress hormones. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1693-R1703. | 1.8 | 103 |
| 137 | The Role of Reproductive Experience on Hippocampal Function and Plasticity. , 2008, , 493-508. | | 1 |
| 138 | Maternal care affects male and female offspring working memory and stress reactivity. Physiology and Behavior, 2007, 92, 939-950. | 2.1 | 79 |
| 139 | Reproductive experience alters hippocampal neurogenesis during the postpartum period in the dam. Neuroscience, 2007, 149, 53-67. | 2.3 | 183 |
| 140 | Hippocampus-dependent learning promotes survival of new neurons in the dentate gyrus at a specific time during cell maturation. Neuroscience, 2007, 149, 273-285. | 2.3 | 155 |
| 141 | Testosterone and dihydrotestosterone, but not estradiol, enhance survival of new hippocampal neurons in adult male rats. Developmental Neurobiology, 2007, 67, 1321-1333. | 3.0 | 244 |
| 142 | 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. Behavioural Brain Research, 2006, 175, 157-165. | 2.2 | 111 |
| 143 | Activational levels of androgens influence risk assessment behaviour but do not influence stress-induced suppression in hippocampal cell proliferation in adult male rats. Behavioural Brain Research, 2006, 175, 263-270. | 2.2 | 20 |
| 144 | Reproductive experience differentially affects spatial reference and working memory performance in the mother. Hormones and Behavior, 2006, 49, 143-149. | 2.1 | 133 |

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|---|---|---|---|
| 145 | 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. Hormones and Behavior, 2006, 50, 370-382. | 2.1 | 186 |
| 146 | Both estrogen receptor Î± and estrogen receptor Î² agonists enhance cell proliferation in the dentate gyrus of adult female rats. Neuroscience, 2006, 141, 1793-1800. | 2.3 | 136 |
| 147 | Systemic and local administration of estradiol into the prefrontal cortex or hippocampus differentially alters working memory. Neurobiology of Learning and Memory, 2006, 86, 293-304. | 1.9 | 69 |
| 148 | Endocannabinoids modulate stress-induced suppression of hippocampal cell proliferation and activation of defensive behaviours. European Journal of Neuroscience, 2006, 24, 1845-1849. | 2.6 | 85 |
| 149 | Hippocampal morphology is differentially affected by reproductive experience in the mother. Journal of Neurobiology, 2006, 66, 71-81. | 3.6 | 151 |
| 150 | Gonadal hormone modulation of hippocampal neurogenesis in the adult. Hippocampus, 2006, 16, 225-232. | 1.9 | 210 |
| 151 | Estradiol-induced enhancement in cell proliferation is mediated through estrogen receptors in the dentate gyrus of adult female rats. Drug Development Research, 2005, 66, 142-149. | 2.9 | 30 |
| 152 | Adult hippocampal neurogenesis and voluntary running activity: Circadian and doseâ€dependent effects. Journal of Neuroscience Research, 2004, 76, 216-222. | 2.9 | 206 |
| 153 | High level estradiol impairs and low level estradiol facilitates non-spatial working memory. Behavioural Brain Research, 2004, 155, 45-53. | 2.2 | 83 |
| 154 | Estradiol enhances neurogenesis in the dentate gyri of adult male meadow voles by increasing the survival of young granule neurons. Neuroscience, 2004, 128, 645-654. | 2.3 | 114 |
| 155 | Sex differences in cell proliferation, cell death and defensive behavior following acute predator odor stress in adult rats. Brain Research, 2003, 975, 22-36. | 2.2 | 170 |
| 156 | Estradiol initially enhances but subsequently suppresses (via adrenal steroids) granule cell proliferation in the dentate gyrus of adult female rats. Journal of Neurobiology, 2003, 55, 247-260. | 3.6 | 169 |
| 157 | Reproductive status influences the survival of new cells in the dentate gyrus of adult male meadow voles. Neuroscience Letters, 2003, 346, 25-28. | 2.1 | 67 |
| 158 | N-methyl-D-aspartate receptor activity and estradiol: separate regulation of cell proliferation in the dentate gyrus of adult female meadow vole. Journal of Endocrinology, 2003, 179, 155-163. | 2.6 | 17 |
| 159 | Defensive behavior and hippocampal cell proliferation: Differential modulation by naltrexone during stress.. Behavioral Neuroscience, 2002, 116, 160-168. | 1.2 | 76 |
| 160 | Low levels of estradiol facilitate, whereas high levels of estradiol impair, working memory performance on the radial arm maze.. Behavioral Neuroscience, 2002, 116, 928-934. | 1.2 | 155 |
| 161 | High levels of estradiol impair spatial performance in the Morris water maze and increase â€ depressive-likeâ€™ behaviors in the female meadow vole. Physiology and Behavior, 2002, 77, 217-225. | 2.1 | 49 |
| 162 | Low levels of estradiol facilitate, whereas high levels of estradiol impair, working memory performance on the radial arm maze.. Behavioral Neuroscience, 2002, 116, 928-934. | 1.2 | 80 |

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