Luis Garcia-Segura

List of Publications by Year
in descending order

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476 papers	28,461 citations	3930 88 h-index	11303 136 g-index
482 all docs	482 docs citations	482 times ranked	18325 citing authors

#	Article	IF	Citations
1	The hypothalamic paraventricular nucleus as a central hub for the estrogenic modulation of neuroendocrine function and behavior. Frontiers in Neuroendocrinology, 2022, 65, 100974.	2.5	7
2	G Protein-Coupled Estrogen Receptor Immunoreactivity in the Rat Hypothalamus Is Widely Distributed in Neurons, Astrocytes, and Oligodendrocytes, Fluctuates during the Estrous Cycle, and Is Sexually Dimorphic. Neuroendocrinology, 2021, 111, 660-677.	1.2	16
3	Amyloid-Î²1-40 differentially stimulates proliferation, activation of oxidative stress and inflammatory responses in male and female hippocampal astrocyte cultures. Mechanisms of Ageing and Development, 2021, 195, 111462.	2.2	8
4	Role of glial cells in the generation of sex differences in neurodegenerative diseases and brain aging. Mechanisms of Ageing and Development, 2021, 196, 111473.	2.2	37
5	Role of Neuroglobin in the Neuroprotective Actions of Estradiol and Estrogenic Compounds. Cells, 2021, 10, 1907.	1.8	14
6	High-fat diet alters stress behavior, inflammatory parameters and gut microbiota in Tg APP mice in a sex-specific manner. Neurobiology of Disease, 2021, 159, 105495.	2.1	14
7	X-linked histone H3K27 demethylase Kdm6a regulates sexually dimorphic differentiation of hypothalamic neurons. Cellular and Molecular Life Sciences, 2021, 78, 7043-7060.	2.4	10
8	Aromatase in the Human Brain. Androgens: Clinical Research and Therapeutics, 2021, 2, 189-202.	0.2	7
9	Sex differences in the peripubertal response to a shortâ€term, highâ€fat diet intake. Journal of Neuroendocrinology, 2020, 32, e12756.	1.2	13
10	Sex differences and gonadal hormone regulation of brain cardiolipin, a key mitochondrial phospholipid. Journal of Neuroendocrinology, 2020, 32, e12774.	1.2	8
11	Lipotoxicity, neuroinflammation, glial cells and oestrogenic compounds. Journal of Neuroendocrinology, 2020, 32, e12776.	1.2	23
12	Microglia, neurodegeneration and loss of neuroendocrine control. Progress in Neurobiology, 2020, 184, 101720.	2.8	26
13	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. Frontiers in Neuroendocrinology, 2020, 56, 100804.	2.5	37
14	G Protein-Coupled Estrogen Receptor Immunoreactivity Fluctuates During the Estrous Cycle and Show Sex Differences in the Amygdala and Dorsal Hippocampus. Frontiers in Endocrinology, 2020, 11, 537.	1.5	16
15	Steroidogenic machinery in the adult rat colon. Journal of Steroid Biochemistry and Molecular Biology, 2020, 203, 105732.	1.2	16
16	Aging and sex: Impact on microglia phagocytosis. Aging Cell, 2020, 19, e13182.	3.0	45
17	Tibolone as Hormonal Therapy and Neuroprotective Agent. Trends in Endocrinology and Metabolism, 2020, 31, 742-759.	3.1	22
18	Insight into the molecular sex dimorphism of ischaemic stroke in rat cerebral cortex: Focus on neuroglobin, sex steroids and autophagy. European Journal of Neuroscience, 2020, 52, 2756-2770.	1.2	12

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19	Estradiol-dependent axogenesis and Ngn3 expression are determined by XY sex chromosome complement in hypothalamic neurons. Scientific Reports, 2020, 10, 8223.	1.6	9
20	Sex dimorphism in an animal model of multiple sclerosis: Focus on pregnenolone synthesis. Journal of Steroid Biochemistry and Molecular Biology, 2020, 199, 105596.	1.2	5
21	The synthetic steroid tibolone exerts sex-specific regulation of astrocyte phagocytosis under basal conditions and after an inflammatory challenge. Journal of Neuroinflammation, 2020, 17, 37.	3.1	21
22	Physiopathological role of the enzymatic complex 5Î±-reductase and 3Î±/Î²-hydroxysteroid oxidoreductase in the generation of progesterone and testosterone neuroactive metabolites. Frontiers in Neuroendocrinology, 2020, 57, 100836.	2.5	20
23	Lipotoxic Effects of Palmitic Acid on Astrocytes Are Associated with Autophagy Impairment. Molecular Neurobiology, 2019, 56, 1665-1680.	1.9	25
24	Non-reproductive Functions of Aromatase in the Central Nervous System Under Physiological and Pathological Conditions. Cellular and Molecular Neurobiology, 2019, 39, 473-481.	1.7	29
25	Neuroactive steroids, neurosteroidogenesis and sex. Progress in Neurobiology, 2019, 176, 1-17.	2.8	75
26	Development of new treatments for Alzheimerâ€™s disease based on the modulation of translocator protein (TSPO). Ageing Research Reviews, 2019, 54, 100943.	5.0	10
27	Molecular mechanisms and cellular events involved in the neuroprotective actions of estradiol. Analysis of sex differences. Frontiers in Neuroendocrinology, 2019, 55, 100787.	2.5	84
28	Estrogenic Regulation of Neuroprotective and Neuroinflammatory Mechanisms: Implications for Depression and Cognition. ISGE Series, 2019, , 27-41.	0.2	2
29	Sex differences in the brain expression of steroidogenic molecules under basal conditions and after gonadectomy. Journal of Neuroendocrinology, 2019, 31, e12736.	1.2	25
30	Sexually Dimorphic Effect of Genistein on Hypothalamic Neuronal Differentiation in Vitro. International Journal of Molecular Sciences, 2019, 20, 2465.	1.8	10
31	IGF1 Gene Therapy Modifies Microglia in the Striatum of Senile Rats. Frontiers in Aging Neuroscience, 2019, 11, 48.	1.7	13
32	Notch signaling in astrocytes mediates their morphological response to an inflammatory challenge. Cell Death Discovery, 2019, 5, 85.	2.0	41
33	Editorial: Neuroprotection in Brain Hypoxia. Frontiers in Neuroscience, 2019, 13, 212.	1.4	2
34	Estrogen receptor beta and G protein-coupled estrogen receptor 1 are involved in the acute estrogenic regulation of arginine-vasopressin immunoreactive levels in the supraoptic and paraventricular hypothalamic nuclei of female rats. Brain Research, 2019, 1712, 93-100.	1.1	14
35	Tibolone attenuates inflammatory response by palmitic acid and preserves mitochondrial membrane potential in astrocytic cells through estrogen receptor beta. Molecular and Cellular Endocrinology, 2019, 486, 65-78.	1.6	36
36	Ovarian Hormone-Dependent Effects of Dietary Lipids on APP/PS1 Mouse Brain. Frontiers in Aging Neuroscience, 2019, 11, 346.	1.7	3

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37	Molecular mechanisms involved in the protective actions of Selective Estrogen Receptor Modulators in brain cells. Frontiers in Neuroendocrinology, 2019, 52, 44-64.	2.5	32
38	Astrocytes Mediate Protective Actions of Estrogenic Compounds after Traumatic Brain Injury. Neuroendocrinology, 2019, 108, 142-160.	1.2	30
39	The sex differences of the behavior response to early Life immune stimulation: Microglia and astrocytes involvement. Physiology and Behavior, 2019, 199, 386-394.	1.0	28
40	Treatment of male rats with finasteride, an inhibitor of 5alpha-reductase enzyme, induces long-lasting effects on depressive-like behavior, hippocampal neurogenesis, neuroinflammation and gut microbiota composition. Psychoneuroendocrinology, 2019, 99, 206-215.	1.3	47
41	Tibolone Preserves Mitochondrial Functionality and Cell Morphology in Astrocytic Cells Treated with Palmitic Acid. Molecular Neurobiology, 2018, 55, 4453-4462.	1.9	21
42	A GABAergic cell type in the lateral habenula links hypothalamic homeostatic and midbrain motivation circuits with sex steroid signaling. Translational Psychiatry, 2018, 8, 50.	2.4	78
43	The Synthetic Steroid Tibolone Decreases Reactive Gliosis and Neuronal Death in the Cerebral Cortex of Female Mice After a Stab Wound Injury. Molecular Neurobiology, 2018, 55, 8651-8667.	1.9	30
44	Thymelaea lythroides extract attenuates microglial activation and depressive-like behavior in LPS-induced inflammation in adult male rats. Biomedicine and Pharmacotherapy, 2018, 99, 655-663.	2.5	24
45	Neural-derived estradiol regulates brain plasticity. Journal of Chemical Neuroanatomy, 2018, 89, 53-59.	1.0	28
46	The Hypothalamic Inflammatory/Gliosis Response to Neonatal Overnutrition Is Sex and Age Dependent. Endocrinology, 2018, 159, 368-387.	1.4	34
47	Sex differences in Parkinsonâ€™s disease: Features on clinical symptoms, treatment outcome, sexual hormones and genetics. Frontiers in Neuroendocrinology, 2018, 50, 18-30.	2.5	106
48	Tibolone Reduces Oxidative Damage and Inflammation in Microglia Stimulated with Palmitic Acid through Mechanisms Involving Estrogen Receptor Beta. Molecular Neurobiology, 2018, 55, 5462-5477.	1.9	52
49	Hormonal and genetic factors interact to control aromatase expression in the developing brain. Journal of Neuroendocrinology, 2018, 30, e12535.	1.2	16
50	Diabetes induces mitochondrial dysfunction and alters cholesterol homeostasis and neurosteroidogenesis in the rat cerebral cortex. Journal of Steroid Biochemistry and Molecular Biology, 2018, 178, 108-116.	1.2	24
51	Sex differences in the phagocytic and migratory activity of microglia and their impairment by palmitic acid. Glia, 2018, 66, 522-537.	2.5	83
52	Editorial: Hormones and Neural Aging: Lessons From Experimental Models. Frontiers in Aging Neuroscience, 2018, 10, 374.	1.7	0
53	The GLP-1 analog, liraglutide prevents the increase of proinflammatory mediators in the hippocampus of male rat pups submitted to maternal perinatal food restriction. Journal of Neuroinflammation, 2018, 15, 337.	3.1	27
54	Estradiol Activates PI3K/Akt/GSK3 Pathway Under Chronic Neurodegenerative Conditions Triggered by Perinatal Asphyxia. Frontiers in Pharmacology, 2018, 9, 335.	1.6	23

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55	Ovarian Function Modulates the Effects of Long-Chain Polyunsaturated Fatty Acids on the Mouse Cerebral Cortex. Frontiers in Cellular Neuroscience, 2018, 12, 103.	1.8	7
56	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. Biology of Sex Differences, 2018, 9, 6.	1.8	23
57	NADPH-Diaphorase Colocalizes with GPER and Is Modulated by the GPER Agonist G1 in the Supraoptic and Paraventricular Nuclei of Ovariectomized Female Rats. Neuroendocrinology, 2017, 104, 94-104.	1.2	12
58	Short-Term High-Fat Diet Feeding Provides Hypothalamic but Not Hippocampal Protection against Acute Infection in Male Mice. Neuroendocrinology, 2017, 104, 40-50.	1.2	12
59	4â€²-Chlorodiazepam modulates the development of primary hippocampal neurons in a sex-dependent manner. Neuroscience Letters, 2017, 639, 98-102.	1.0	3
60	4â€²-Chlorodiazepam is neuroprotective against amyloid-beta in organotypic hippocampal cultures. Journal of Steroid Biochemistry and Molecular Biology, 2017, 171, 281-287.	1.2	11
61	Short-term effects of diabetes on neurosteroidogenesis in the rat hippocampus. Journal of Steroid Biochemistry and Molecular Biology, 2017, 167, 135-143.	1.2	23
62	Developmental Sex Differences in the Metabolism of Cardiolipin in Mouse Cerebral Cortex Mitochondria. Scientific Reports, 2017, 7, 43878.	1.6	19
63	Interaction of sex chromosome complement, gonadal hormones and neuronal steroid synthesis on the sexual differentiation of mammalian neurons. Journal of Neurogenetics, 2017, 31, 300-306.	0.6	14
64	Regulation of aromatase expression in the anterior amygdala of the developing mouse brain depends on ERÎ² and sex chromosome complement. Scientific Reports, 2017, 7, 5320.	1.6	30
65	L-Type Calcium Channels Modulation by Estradiol. Molecular Neurobiology, 2017, 54, 4996-5007.	1.9	38
66	Glial cells and energy balance. Journal of Molecular Endocrinology, 2017, 58, R59-R71.	1.1	48
67	Non-Neuronal Cells in the Hypothalamic Adaptation to Metabolic Signals. Frontiers in Endocrinology, 2017, 8, 51.	1.5	29
68	Estradiol Uses Different Mechanisms in Astrocytes from the Hippocampus of Male and Female Rats to Protect against Damage Induced by Palmitic Acid. Frontiers in Molecular Neuroscience, 2017, 10, 330.	1.4	22
69	Testosterone Protects Mitochondrial Function and Regulates Neuroglobin Expression in Astrocytic Cells Exposed to Glucose Deprivation. Frontiers in Aging Neuroscience, 2016, 8, 152.	1.7	53
70	Protection by Neuroglobin Expression in Brain Pathologies. Frontiers in Neurology, 2016, 7, 146.	1.1	53
71	CB2 cannabinoid receptor is involved in the anti-inflammatory effects of leptin in a model of traumatic brain injury. Experimental Neurology, 2016, 279, 274-282.	2.0	19
72	Dehydroepiandrosterone protects male and female hippocampal neurons and neuroblastoma cells from glucose deprivation. Brain Research, 2016, 1644, 176-182.	1.1	17

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73	Effects of Subchronic Finasteride Treatment and Withdrawal on Neuroactive Steroid Levels and Their Receptors in the Male Rat Brain. Neuroendocrinology, 2016, 103, 746-757.	1.2	39
74	Neuroprotective effects of the catalytic subunit of telomerase: A potential therapeutic target in the central nervous system. Ageing Research Reviews, 2016, 28, 37-45.	5.0	29
75	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. Endocrinology, 2016, 157, 3983-3993.	1.4	24
76	Selective Oestrogen Receptor Agonists Rescued Hippocampus Parameters in Male Spontaneously Hypertensive Rats. Journal of Neuroendocrinology, 2016, 28, .	1.2	13
77	Oestradiol synthesized by female neurons generates sex differences in neuritogenesis. Scientific Reports, 2016, 6, 31891.	1.6	28
78	Tibolone protects astrocytic cells from glucose deprivation through a mechanism involving estrogen receptor beta and the upregulation of neuroglobin expression. Molecular and Cellular Endocrinology, 2016, 433, 35-46.	1.6	60
79	Regulation of astroglia by gonadal steroid hormones under physiological and pathological conditions. Progress in Neurobiology, 2016, 144, 5-26.	2.8	101
80	4â€²-Chlorodiazepam is neuroprotective against amyloid-beta through the modulation of survivin and bax protein expression in vitro. Brain Research, 2016, 1632, 91-97.	1.1	12
81	Levels and actions of neuroactive steroids in the nervous system under physiological and pathological conditions: Sex-specific features. Neuroscience and Biobehavioral Reviews, 2016, 67, 25-40.	2.9	76
82	Microglial dependent protective effects of neuroactive steroids. CNS and Neurological Disorders - Drug Targets, 2016, 15, 242-249.	0.8	12
83	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. SpringerPlus, 2015, 4, L45.	1.2	0
84	Sex differences in glia reactivity after cortical brain injury. Glia, 2015, 63, 1966-1981.	2.5	104
85	Neuroactive steroids and the peripheral nervous system: An update. Steroids, 2015, 103, 23-30.	0.8	46
86	Cerebellin 4, a synaptic protein, enhances inhibitory activity and resistance of neurons to amyloid-Î² toxicity. Neurobiology of Aging, 2015, 36, 1057-1071.	1.5	24
87	Neuroprotection by Exogenous Estrogenic Compounds Following Traumatic Brain Injury. , 2015, , 73-90.		3
88	Sex chromosome complement determines sex differences in aromatase expression and regulation in the stria terminalis and anterior amygdala of the developing mouse brain. Molecular and Cellular Endocrinology, 2015, 414, 99-110.	1.6	38
89	Therapeutic actions of translocator protein (18 kDa) ligands in experimental models of psychiatric disorders and neurodegenerative diseases. Journal of Steroid Biochemistry and Molecular Biology, 2015, 154, 68-74.	1.2	31
90	Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. Neuroendocrinology, 2015, 101, 296-308.	1.2	35

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91	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. Psychoneuroendocrinology, 2015, 56, 1-11.	1.3	41
92	Signaling mechanisms mediating the regulation of synaptic plasticity and memory by estradiol. Hormones and Behavior, 2015, 74, 19-27.	1.0	43
93	New steps forward in the neuroactive steroid field. Journal of Steroid Biochemistry and Molecular Biology, 2015, 153, 127-134.	1.2	34
94	Lack of Sterol Regulatory Element Binding Factor-1c Imposes Glial Fatty Acid Utilization Leading to Peripheral Neuropathy. Cell Metabolism, 2015, 21, 571-583.	7.2	51
95	The Selective Estrogen Receptor Modulator Raloxifene Regulates Arginine-Vasopressin Gene Expression in Human Female Neuroblastoma Cells Through G Protein-Coupled Estrogen Receptor and ERK Signaling. Endocrinology, 2015, 156, 3706-3716.	1.4	11
96	Glial and axonal perikaryal coverage and somatic spines in the posterodorsal medial amygdala of male and cycling female rats. Journal of Comparative Neurology, 2015, 523, 2127-2137.	0.9	12
97	Adverse effects of 5Î±-reductase inhibitors: What do we know, donâ€™t know, and need to know?. Reviews in Endocrine and Metabolic Disorders, 2015, 16, 177-198.	2.6	90
98	CB1 and CB2 Cannabinoid Receptor Antagonists Prevent Minocycline-Induced Neuroprotection Following Traumatic Brain Injury in Mice. Cerebral Cortex, 2015, 25, 35-45.	1.6	64
99	The neuroprotective actions of oestradiol and oestrogen receptors. Nature Reviews Neuroscience, 2015, 16, 17-29.	4.9	342
100	Estrogens are neuroprotective factors for hypertensive encephalopathy. Journal of Steroid Biochemistry and Molecular Biology, 2015, 146, 15-25.	1.2	20
101	Changes in Cannabinoid Receptors, Aquaporin 4 and Vimentin Expression after Traumatic Brain Injury in Adolescent Male Mice. Association with Edema and Neurological Deficit. PLoS ONE, 2015, 10, e0128782.	1.1	57
102	Selective estrogen receptor modulators regulate reactive microglia after penetrating brain injury. Frontiers in Aging Neuroscience, 2014, 6, 132.	1.7	59
103	Neurogenin 3 mediates sex chromosome effects on the generation of sex differences in hypothalamic neuronal development. Frontiers in Cellular Neuroscience, 2014, 8, 188.	1.8	29
104	Astrocytic modulation of blood brain barrier: perspectives on ParkinsonÃ¢â‚¬â„¢s disease. Frontiers in Cellular Neuroscience, 2014, 8, 211.	1.8	321
105	Aromatase Inhibition Exacerbates Pain and Reactive Gliosis in the Dorsal Horn of the Spinal Cord of Female Rats Caused by Spinothalamic Tract Injury. Endocrinology, 2014, 155, 4341-4355.	1.4	31
106	Sexâ€dependent longâ€term effects of adolescent exposure to <scp>THC</scp> and/or <scp>MDMA</scp> on neuroinflammation and serotoninergic and cannabinoid systems in rats. British Journal of Pharmacology, 2014, 171, 1435-1447.	2.7	44
107	GluN2B Nâ€methylâ€Dâ€aspartic acid receptor subunit mediates atorvastatinâ€induced neuroprotection after focal cerebral ischemia. Journal of Neuroscience Research, 2014, 92, 1529-1548.	1.3	30
108	Levels and actions of progesterone and its metabolites in the nervous system during physiological and pathological conditions. Progress in Neurobiology, 2014, 113, 56-69.	2.8	113

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109	Sex Differences and Effects of Estrogenic Compounds on the Expression of Inflammatory Molecules by Astrocytes Exposed to the Insecticide Dimethoate. Neurotoxicity Research, 2014, 25, 271-285.	1.3	37
110	Role of astrocytes in the neuroprotective actions of 17Î²-estradiol and selective estrogen receptor modulators. Molecular and Cellular Endocrinology, 2014, 389, 48-57.	1.6	89
111	Structural insights from GRP78â€“NF-ÎºB binding interactions: A computational approach to understand a possible neuroprotective pathway in brain injuries. Journal of Theoretical Biology, 2014, 345, 43-51.	0.8	8
112	Cortical spreading depression in traumatic brain injuries: Is there a role for astrocytes?. Neuroscience Letters, 2014, 565, 2-6.	1.0	36
113	Theilerâ€™s virus infection provokes the overexpression of genes coding for the chemokine Ip10 (CXCL10) in SJL/J murine astrocytes, which can be inhibited by modulators of estrogen receptors. Journal of NeuroVirology, 2014, 20, 485-495.	1.0	8
114	Tibolone protects T98G cells from glucose deprivation. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 294-303.	1.2	54
115	Chronic unpredictable stress and long-term ovariectomy affect arginine-vasopressin expression in the paraventricular nucleus of adult female mice. Brain Research, 2014, 1588, 55-62.	1.1	8
116	17Î±â€Oestradiolâ€Induced Neuroprotection in the Brain of Spontaneously Hypertensive Rats. Journal of Neuroendocrinology, 2014, 26, 310-320.	1.2	6
117	A new mathematical function to evaluate neuronal morphology using the Sholl analysis. Journal of Neuroscience Methods, 2014, 226, 103-109.	1.3	48
118	Neuroendocrinology of childbirth and motherâ€“child attachment: The basis of an etiopathogenic model of perinatal neurobiological disorders. Frontiers in Neuroendocrinology, 2014, 35, 459-472.	2.5	64
119	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 115-121.	1.2	44
120	Diabetic neuropathic pain: a role for testosterone metabolites. Journal of Endocrinology, 2014, 221, 1-13.	1.2	76
121	Multimodal Analysis in Acute and Chronic Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2013, 8, 238-250.	2.1	16
122	Sub-chronic exposure to the insecticide dimethoate induces a proinflammatory status and enhances the neuroinflammatory response to bacterial lypopolysaccharide in the hippocampus and striatum of male mice. Toxicology and Applied Pharmacology, 2013, 272, 263-271.	1.3	18
123	G protein-coupled estrogen receptor is required for the neuritogenic mechanism of 17Î²-estradiol in developing hippocampal neurons. Molecular and Cellular Endocrinology, 2013, 372, 105-115.	1.6	66
124	Estrogenic regulation of NADPH-diaphorase in the supraoptic and paraventricular nuclei under acute osmotic stress. Neuroscience, 2013, 248, 127-135.	1.1	6
125	Prenatal stress increases the expression of proinflammatory cytokines and exacerbates the inflammatory response to LPS in the hippocampal formation of adult male mice. Brain, Behavior, and Immunity, 2013, 28, 196-206.	2.0	153
126	Age-related changes in neuroactive steroid levels in 3xTg-AD mice. Neurobiology of Aging, 2013, 34, 1080-1089.	1.5	105

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127	Upregulation of voltage-gated Ca2+ channels in mouse astrocytes infected with Theilerâ€™s murine encephalomyelitis virus (TMEV). Neuroscience, 2013, 247, 309-318.	1.1	5
128	Maternal stress alters the developmental program of embryonic hippocampal neurons growing in vitro. Psychoneuroendocrinology, 2013, 38, 455-459.	1.3	2
129	Gonadal hormones and the control of reactive gliosis. Hormones and Behavior, 2013, 63, 216-221.	1.0	62
130	Estradiol and Testosterone Regulate Arginine-Vasopressin Expression in SH-SY5Y Human Female Neuroblastoma Cells Through Estrogen Receptors-Î± and -Î². Endocrinology, 2013, 154, 2092-2100.	1.4	31
131	Ligand for Translocator Protein Reverses Pathology in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2013, 33, 8891-8897.	1.7	125
132	Comparison of plasma and cerebrospinal fluid levels of neuroactive steroids with their brain, spinal cord and peripheral nerve levels in male and female rats. Psychoneuroendocrinology, 2013, 38, 2278-2290.	1.3	119
133	Role of Oestrogen Receptors on the Modulation of NADPHâ€Diaphoraseâ€Positive Cell Number in Supraoptic and Paraventricular Nuclei of Ovariectomised Female Rats. Journal of Neuroendocrinology, 2013, 25, 244-250.	1.2	11
134	17Î²â€Oestradiol Antiâ€Inflammatory Effects in Primary Astrocytes Require Oestrogen Receptor Î²â€Mediated Neuroglobin Upâ€Regulation. Journal of Neuroendocrinology, 2013, 25, 260-270.	1.2	84
135	A CRM1-Mediated Nuclear Export Signal Is Essential for Cytoplasmic Localization of Neurogenin 3 in Neurons. PLoS ONE, 2013, 8, e55237.	1.1	8
136	Neuroprotection and Sex Steroid Hormones: Evidence of Estradiol- Mediated Protection in Hypertensive Encephalopathy. Mini-Reviews in Medicinal Chemistry, 2012, 12, 1081-1089.	1.1	9
137	Selective Estrogen Receptor Modulators Regulate Dendritic Spine Plasticity in the Hippocampus of Male Rats. Neural Plasticity, 2012, 2012, 1-6.	1.0	35
138	Diabetes-induced myelin abnormalities are associated with an altered lipid pattern: protective effects of LXR activation. Journal of Lipid Research, 2012, 53, 300-310.	2.0	83
139	Survivin prevents apoptosis by binding to caspase-3 in astrocytes infected with the BeAn strain of Theilerâ€™s murine encephalomyelitis virus. Journal of NeuroVirology, 2012, 18, 354-363.	1.0	12
140	Effects of selective estrogen receptor modulators on allocentric working memory performance and on dendritic spines in medial prefrontal cortex pyramidal neurons of ovariectomized rats. Hormones and Behavior, 2012, 61, 512-517.	1.0	85
141	LXR and TSPO as new therapeutic targets to increase the levels of neuroactive steroids in the central nervous system of diabetic animals. Neurochemistry International, 2012, 60, 616-621.	1.9	43
142	Molecular mechanisms involved in the regulation of neuritogenesis by estradiol: Recent advances. Journal of Steroid Biochemistry and Molecular Biology, 2012, 131, 52-56.	1.2	45
143	Antidepressive and anxiolytic activity of selective estrogen receptor modulators in ovariectomized mice submitted to chronic unpredictable stress. Behavioural Brain Research, 2012, 227, 287-290.	1.2	33
144	Prenatal stress causes alterations in the morphology of microglia and the inflammatory response of the hippocampus of adult female mice. Journal of Neuroinflammation, 2012, 9, 71.	3.1	188

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145	Hormones and the Aging Brain. , 2012, , 573-594.		0
146	Ucp2 Induced by Natural Birth Regulates Neuronal Differentiation of the Hippocampus and Related Adult Behavior. PLoS ONE, 2012, 7, e42911.	1.1	52
147	Milestones on Steroids and the Nervous System: 10â€ƒYears of Basic and Translational Research. Journal of Neuroendocrinology, 2012, 24, 1-15.	1.2	39
148	Glycogen synthase kinaseâ€3Î²/Î²â€catenin signaling in the rat hypothalamus during the estrous cycle. Journal of Neuroscience Research, 2012, 90, 1078-1084.	1.3	6
149	Selective Oestrogen Receptor Modulators Decrease the Inflammatory Response of Glial Cells. Journal of Neuroendocrinology, 2012, 24, 183-190.	1.2	84
150	Oestradiol Regulates Î²â€Cateninâ€Mediated Transcription in Neurones. Journal of Neuroendocrinology, 2012, 24, 191-194.	1.2	12
151	Behavioral effects of estradiol therapy in ovariectomized rats depend on the age when the treatment is initiated. Experimental Gerontology, 2012, 47, 93-99.	1.2	38
152	Neuroprotective Effects of Progesterone in Chronic Experimental Autoimmune Encephalomyelitis. Journal of Neuroendocrinology, 2012, 24, 851-861.	1.2	52
153	Brain Aromatase and Neuroprotection in Mammals. , 2012, , 371-382.		0
154	Estrogen receptor ligands counteract cognitive deficits caused by androgen deprivation in male rats. Hormones and Behavior, 2011, 59, 581-584.	1.0	26
155	Neuroprotective actions of estradiol revisited. Trends in Endocrinology and Metabolism, 2011, 22, 467-473.	3.1	111
156	Increased aromatase expression in the hippocampus of spontaneously hypertensive rats: effects of estradiol administration. Neuroscience, 2011, 174, 151-159.	1.1	21
157	Estradiol synthesis within the human brain. Neuroscience, 2011, 191, 139-147.	1.1	183
158	Neuroactive steroids: focus on human brain. Neuroscience, 2011, 191, 1-5.	1.1	131
159	Sex-dimorphic effects of dehydroepiandrosterone in diabetic neuropathy. Neuroscience, 2011, 199, 401-409.	1.1	21
160	Sex differences in the manifestation of peripheral diabetic neuropathy in gonadectomized rats: A correlation with the levels of neuroactive steroids in the sciatic nerve. Experimental Neurology, 2011, 228, 215-221.	2.0	23
161	Estradiol Meets Notch Signaling in Developing Neurons. Frontiers in Endocrinology, 2011, 2, 21.	1.5	6
162	Role of Neuroactive Steroids in the Peripheral Nervous System. Frontiers in Endocrinology, 2011, 2, 104.	1.5	42

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163	Formin1 Mediates the Induction of Dendritogenesis and Synaptogenesis by Neurogenin3 in Mouse Hippocampal Neurons. PLoS ONE, 2011, 6, e21825.	1.1	26
164	An in vitro experimental model of neuroinflammation: the induction of interleukinâ€6 in murine astrocytes infected with Theilerâ€™s murine encephalomyelitis virus, and its inhibition by oestrogenic receptor modulators. Immunology, 2011, 133, 360-369.	2.0	14
165	Notch/Neurogenin 3 Signalling is Involved in the Neuritogenic Actions of Oestradiol in Developing Hippocampal Neurones. Journal of Neuroendocrinology, 2011, 23, 355-364.	1.2	34
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