Luis Miguel Garcia-segura

List of Publications by Year
in descending order

268 papers	18,412 citations	8446 76 h-index	19633 118 g-index
294 all docs	294 docs citations	294 times ranked	14950 citing authors

#	Article	IF	Citations
1	Neuroestradiol and neuronal development: Not an exclusive male tale anymore. Frontiers in Neuroendocrinology, 2023, 71, 101102.	5.2	1
2	Genetics and Epigenetics of the X and Y Chromosomes in the Sexual Differentiation of the Brain. International Journal of Molecular Sciences, 2022, 23, 12288.	4.2	15
3	Respirasome Proteins Are Regulated by Sex-Hormone Interactions in the Brain. International Journal of Molecular Sciences, 2022, 23, 14754.	4.2	4
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.	4.6	45
5	Role of Neuroglobin in the Neuroprotective Actions of Estradiol and Estrogenic Compounds. Cells, 2021, 10, 1907.	4.3	17
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.	4.5	18
7	X-linked histone H3K27 demethylase Kdm6a regulates sexually dimorphic differentiation of hypothalamic neurons. Cellular and Molecular Life Sciences, 2021, 78, 7043-7060.	5.5	12
8	Aromatase in the Human Brain. Androgens: Clinical Research and Therapeutics, 2021, 2, 189-202.	0.7	9
9	Sex differences and gonadal hormone regulation of brain cardiolipin, a key mitochondrial phospholipid. Journal of Neuroendocrinology, 2020, 32, e12774.	2.6	8
10	Lipotoxicity, neuroinflammation, glial cells and oestrogenic compounds. Journal of Neuroendocrinology, 2020, 32, e12776.	2.6	24
11	Microglia, neurodegeneration and loss of neuroendocrine control. Progress in Neurobiology, 2020, 184, 101720.	5.8	28
12	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. Frontiers in Neuroendocrinology, 2020, 56, 100804.	5.2	44
13	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.	3.5	20
14	Aging and sex: Impact on microglia phagocytosis. Aging Cell, 2020, 19, e13182.	6.8	53
15	Tibolone as Hormonal Therapy and Neuroprotective Agent. Trends in Endocrinology and Metabolism, 2020, 31, 742-759.	7.0	27
16	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.	3.5	12
17	Estradiol-dependent axogenesis and Ngn3 expression are determined by XY sex chromosome complement in hypothalamic neurons. Scientific Reports, 2020, 10, 8223.	3.4	10
18	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.	7.4	25

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19	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.	5.2	22
20	Lipotoxic Effects of Palmitic Acid on Astrocytes Are Associated with Autophagy Impairment. Molecular Neurobiology, 2019, 56, 1665-1680.	4.1	30
21	Non-reproductive Functions of Aromatase in the Central Nervous System Under Physiological and Pathological Conditions. Cellular and Molecular Neurobiology, 2019, 39, 473-481.	3.3	30
22	Neuroactive steroids, neurosteroidogenesis and sex. Progress in Neurobiology, 2019, 176, 1-17.	5.8	84
23	Molecular mechanisms and cellular events involved in the neuroprotective actions of estradiol. Analysis of sex differences. Frontiers in Neuroendocrinology, 2019, 55, 100787.	5.2	92
24	Estrogenic Regulation of Neuroprotective and Neuroinflammatory Mechanisms: Implications for Depression and Cognition. ISGE Series, 2019, , 27-41.	0.0	3
25	Sex differences in the brain expression of steroidogenic molecules under basal conditions and after gonadectomy. Journal of Neuroendocrinology, 2019, 31, e12736.	2.6	30
26	Sexually Dimorphic Effect of Genistein on Hypothalamic Neuronal Differentiation in Vitro. International Journal of Molecular Sciences, 2019, 20, 2465.	4.2	11
27	Notch signaling in astrocytes mediates their morphological response to an inflammatory challenge. Cell Death Discovery, 2019, 5, 85.	4.8	46
28	Editorial: Neuroprotection in Brain Hypoxia. Frontiers in Neuroscience, 2019, 13, 212.	2.9	2
29	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.	2.3	14
30	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.	3.3	39
31	Ovarian Hormone-Dependent Effects of Dietary Lipids on APP/PS1 Mouse Brain. Frontiers in Aging Neuroscience, 2019, 11, 346.	3.5	3
32	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.	2.8	49
33	Tibolone Preserves Mitochondrial Functionality and Cell Morphology in Astrocytic Cells Treated with Palmitic Acid. Molecular Neurobiology, 2018, 55, 4453-4462.	4.1	22
34	A GABAergic cell type in the lateral habenula links hypothalamic homeostatic and midbrain motivation circuits with sex steroid signaling. Translational Psychiatry, 2018, 8, 50.	4.9	87
35	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.	4.1	30
36	Neural-derived estradiol regulates brain plasticity. Journal of Chemical Neuroanatomy, 2018, 89, 53-59.	2.2	30

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37	Tibolone Reduces Oxidative Damage and Inflammation in Microglia Stimulated with Palmitic Acid through Mechanisms Involving Estrogen Receptor Beta. Molecular Neurobiology, 2018, 55, 5462-5477.	4.1	54
38	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.	2.6	24
39	Sex differences in the phagocytic and migratory activity of microglia and their impairment by palmitic acid. Glia, 2018, 66, 522-537.	5.3	86
40	Estradiol Activates PI3K/Akt/GSK3 Pathway Under Chronic Neurodegenerative Conditions Triggered by Perinatal Asphyxia. Frontiers in Pharmacology, 2018, 9, 335.	3.6	24
41	Ovarian Function Modulates the Effects of Long-Chain Polyunsaturated Fatty Acids on the Mouse Cerebral Cortex. Frontiers in Cellular Neuroscience, 2018, 12, 103.	3.8	7
42	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. Biology of Sex Differences, 2018, 9, 6.	4.2	24
43	Short-term effects of diabetes on neurosteroidogenesis in the rat hippocampus. Journal of Steroid Biochemistry and Molecular Biology, 2017, 167, 135-143.	2.6	23
44	Developmental Sex Differences in the Metabolism of Cardiolipin in Mouse Cerebral Cortex Mitochondria. Scientific Reports, 2017, 7, 43878.	3.4	20
45	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.	1.4	16
46	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.	3.4	32
47	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.	2.9	29
48	Protection by Neuroglobin Expression in Brain Pathologies. Frontiers in Neurology, 2016, 7, 146.	2.5	57
49	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.	4.1	19
50	Dehydroepiandrosterone protects male and female hippocampal neurons and neuroblastoma cells from glucose deprivation. Brain Research, 2016, 1644, 176-182.	2.3	17
51	Neuroprotective effects of the catalytic subunit of telomerase: A potential therapeutic target in the central nervous system. Ageing Research Reviews, 2016, 28, 37-45.	11.2	31
52	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. Endocrinology, 2016, 157, 3983-3993.	2.8	25
53	Oestradiol synthesized by female neurons generates sex differences in neuritogenesis. Scientific Reports, 2016, 6, 31891.	3.4	30
54	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.	3.3	62

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55	Regulation of astroglia by gonadal steroid hormones under physiological and pathological conditions. Progress in Neurobiology, 2016, 144, 5-26.	5.8	105
56	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.	6.6	79
57	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
58	Sex differences in glia reactivity after cortical brain injury. Glia, 2015, 63, 1966-1981.	5.3	112
59	Neuroactive steroids and the peripheral nervous system: An update. Steroids, 2015, 103, 23-30.	1.9	47
60	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.	3.3	41
61	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. Psychoneuroendocrinology, 2015, 56, 1-11.	2.8	44
62	Signaling mechanisms mediating the regulation of synaptic plasticity and memory by estradiol. Hormones and Behavior, 2015, 74, 19-27.	2.1	47
63	New steps forward in the neuroactive steroid field. Journal of Steroid Biochemistry and Molecular Biology, 2015, 153, 127-134.	2.6	34
64	Lack of Sterol Regulatory Element Binding Factor-1c Imposes Glial Fatty Acid Utilization Leading to Peripheral Neuropathy. Cell Metabolism, 2015, 21, 571-583.	15.8	52
65	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.	2.8	12
66	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.	2.0	12
67	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.	5.8	91
68	CB1 and CB2 Cannabinoid Receptor Antagonists Prevent Minocycline-Induced Neuroprotection Following Traumatic Brain Injury in Mice. Cerebral Cortex, 2015, 25, 35-45.	3.2	65
69	The neuroprotective actions of oestradiol and oestrogen receptors. Nature Reviews Neuroscience, 2015, 16, 17-29.	10.7	356
70	Estrogens are neuroprotective factors for hypertensive encephalopathy. Journal of Steroid Biochemistry and Molecular Biology, 2015, 146, 15-25.	2.6	21
71	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.	2.5	59
72	Selective estrogen receptor modulators regulate reactive microglia after penetrating brain injury. Frontiers in Aging Neuroscience, 2014, 6, 132.	3.5	60

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73	Neurogenin 3 mediates sex chromosome effects on the generation of sex differences in hypothalamic neuronal development. Frontiers in Cellular Neuroscience, 2014, 8, 188.	3.8	29
74	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.	2.8	32
75	GluN2B Nâ€methylâ€Dâ€aspartic acid receptor subunit mediates atorvastatinâ€induced neuroprotection after focal cerebral ischemia. Journal of Neuroscience Research, 2014, 92, 1529-1548.	3.0	32
76	Levels and actions of progesterone and its metabolites in the nervous system during physiological and pathological conditions. Progress in Neurobiology, 2014, 113, 56-69.	5.8	114
77	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.	2.7	38
78	Role of astrocytes in the neuroprotective actions of 17Î²-estradiol and selective estrogen receptor modulators. Molecular and Cellular Endocrinology, 2014, 389, 48-57.	3.3	92
79	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.	2.1	8
80	Tibolone protects T98G cells from glucose deprivation. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 294-303.	2.6	57
81	A new mathematical function to evaluate neuronal morphology using the Sholl analysis. Journal of Neuroscience Methods, 2014, 226, 103-109.	2.6	49
82	Neuroendocrinology of childbirth and motherâ€“child attachment: The basis of an etiopathogenic model of perinatal neurobiological disorders. Frontiers in Neuroendocrinology, 2014, 35, 459-472.	5.2	66
83	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 115-121.	2.6	44
84	Multimodal Analysis in Acute and Chronic Experimental Autoimmune Encephalomyelitis. Journal of NeuroImmune Pharmacology, 2013, 8, 238-250.	4.0	17
85	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.	2.9	18
86	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.	3.3	67
87	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.	6.3	157
88	Age-related changes in neuroactive steroid levels in 3xTg-AD mice. Neurobiology of Aging, 2013, 34, 1080-1089.	3.2	107
89	Maternal stress alters the developmental program of embryonic hippocampal neurons growing in vitro. Psychoneuroendocrinology, 2013, 38, 455-459.	2.8	2
90	Gonadal hormones and the control of reactive gliosis. Hormones and Behavior, 2013, 63, 216-221.	2.1	63

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91	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.	2.8	31
92	Ligand for Translocator Protein Reverses Pathology in a Mouse Model of Alzheimer's Disease. Journal of Neuroscience, 2013, 33, 8891-8897.	3.8	130
93	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.	2.8	123
94	A CRM1-Mediated Nuclear Export Signal Is Essential for Cytoplasmic Localization of Neurogenin 3 in Neurons. PLoS ONE, 2013, 8, e55237.	2.5	8
95	Selective Estrogen Receptor Modulators Regulate Dendritic Spine Plasticity in the Hippocampus of Male Rats. Neural Plasticity, 2012, 2012, 1-6.	2.3	35
96	Diabetes-induced myelin abnormalities are associated with an altered lipid pattern: protective effects of LXR activation. Journal of Lipid Research, 2012, 53, 300-310.	4.2	83
97	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.	2.1	12
98	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.	3.9	43
99	Molecular mechanisms involved in the regulation of neuritogenesis by estradiol: Recent advances. Journal of Steroid Biochemistry and Molecular Biology, 2012, 131, 52-56.	2.6	45
100	Antidepressive and anxiolytic activity of selective estrogen receptor modulators in ovariectomized mice submitted to chronic unpredictable stress. Behavioural Brain Research, 2012, 227, 287-290.	2.3	33
101	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.	7.4	197
102	Hormones and the Aging Brain. , 2012, , 573-594.		0
103	Ucp2 Induced by Natural Birth Regulates Neuronal Differentiation of the Hippocampus and Related Adult Behavior. PLoS ONE, 2012, 7, e42911.	2.5	53
104	Glycogen synthase kinaseâ€3Î²/Î²â€catenin signaling in the rat hypothalamus during the estrous cycle. Journal of Neuroscience Research, 2012, 90, 1078-1084.	3.0	6
105	Behavioral effects of estradiol therapy in ovariectomized rats depend on the age when the treatment is initiated. Experimental Gerontology, 2012, 47, 93-99.	2.9	38
106	Brain Aromatase and Neuroprotection in Mammals. , 2012, , 371-382.		0
107	Estrogen receptor ligands counteract cognitive deficits caused by androgen deprivation in male rats. Hormones and Behavior, 2011, 59, 581-584.	2.1	27
108	Neuroprotective actions of estradiol revisited. Trends in Endocrinology and Metabolism, 2011, 22, 467-473.	7.0	118

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109	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.	4.1	25
110	Estradiol Meets Notch Signaling in Developing Neurons. Frontiers in Endocrinology, 2011, 2, 21.	3.5	6
111	Role of Neuroactive Steroids in the Peripheral Nervous System. Frontiers in Endocrinology, 2011, 2, 104.	3.5	43
112	Formin1 Mediates the Induction of Dendritogenesis and Synaptogenesis by Neurogenin3 in Mouse Hippocampal Neurons. PLoS ONE, 2011, 6, e21825.	2.5	26
113	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.	4.4	14
114	Insulin-like growth factor-I gene delivery to astrocytes reduces their inflammatory response to lipopolysaccharide. Journal of Neuroinflammation, 2011, 8, 21.	7.4	55
115	Sex differences in the inflammatory response of primary astrocytes to lipopolysaccharide. Biology of Sex Differences, 2011, 2, 7.	4.2	147
116	Interactions of Estradiol and Insulinâ€Like Growth Factorâ€I in Neuroprotection: Implications for Brain Aging and Neurodegeneration. , 2011, , 1-11.		0
117	Estradiol promotes spine growth and synapse formation without affecting preâ€established networks. Hippocampus, 2011, 21, 1263-1267.	2.2	32
118	Framework for sex differences in adolescent neurobiology: A focus on cannabinoids. Neuroscience and Biobehavioral Reviews, 2011, 35, 1740-1751.	6.6	49
119	Selective estrogen receptor modulators as brain therapeutic agents. Journal of Molecular Endocrinology, 2011, 46, R1-R9.	6.0	93
120	Sex differences in the injured brain. Hormone Molecular Biology and Clinical Investigation, 2011, 7, 385-91.	0.8	0
121	Hormones and the brain. Hormone Molecular Biology and Clinical Investigation, 2011, 7, 315.	0.8	1
122	Estradiol Decreases Cortical Reactive Astrogliosis after Brain Injury by a Mechanism Involving Cannabinoid Receptors. Cerebral Cortex, 2011, 21, 2046-2055.	3.2	40
123	Prenatal Stress Induces Long-Term Effects in Cell Turnover in the Hippocampus-Hypothalamus-Pituitary Axis in Adult Male Rats. PLoS ONE, 2011, 6, e27549.	2.5	24
124	Neuroprotective Actions of the Synthetic Estrogen 17Î±-Ethynylestradiol in the Hippocampus. Cellular and Molecular Neurobiology, 2010, 30, 675-682.	3.3	18
125	The weight gain response to stress during adulthood is conditioned by both sex and prenatal stress exposure. Psychoneuroendocrinology, 2010, 35, 403-413.	2.8	17
126	Gender differences in the long-term effects of chronic prenatal stress on the HPA axis and hypothalamic structure in rats. Psychoneuroendocrinology, 2010, 35, 1525-1535.	2.8	77

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127	Decrease in PTEN and increase in Akt expression and neuron size in aged rat spinal cord. Experimental Gerontology, 2010, 45, 457-463.	2.9	13
128	Aromatase expression in the normal and epileptic human hippocampus. Brain Research, 2010, 1315, 41-52.	2.3	53
129	Leptin accumulation in hypothalamic and dorsal raphe neurons is inversely correlated with brain serotonin content. Brain Research, 2010, 1329, 194-202.	2.3	10
130	Neurogenin 3 cellular and subcellular localization in the developing and adult hippocampus. Journal of Comparative Neurology, 2010, 518, 1814-1824.	2.0	27
131	Progesterone regulates the phosphorylation of protein phosphatases in the brain. Journal of Neuroscience Research, 2010, 88, 2826-2832.	3.0	11
132	Sexâ€dimorphic changes in neuroactive steroid levels after chronic experimental autoimmune encephalomyelitis. Journal of Neurochemistry, 2010, 114, 921-932.	4.0	52
133	Role of astroglia in the neuroplastic and neuroprotective actions of estradiol. European Journal of Neuroscience, 2010, 32, 1995-2002.	3.5	67
134	Therapeutic implications of brain steroidogenesis. Hormone Molecular Biology and Clinical Investigation, 2010, 1, 21-6.	0.8	1
135	Protective effect of estrogens on the brain of rats with essential and endocrine hypertension. Hormone Molecular Biology and Clinical Investigation, 2010, 4, 549-557.	0.8	1
136	Progesterone as a regulator of phosphorylation in the central nervous system. Hormone Molecular Biology and Clinical Investigation, 2010, 4, 601-607.	0.8	0
137	Interactions of estradiol and insulin-like growth factor-I signalling in the nervous system. Progress in Brain Research, 2010, 181, 251-272.	3.9	86
138	Acute experimental autoimmune encephalomyelitis induces sex dimorphic changes in neuroactive steroid levels. Neurochemistry International, 2010, 56, 118-127.	3.9	54
139	Estrogen receptor Î± is involved in the estrogenic regulation of arginine vasopressin immunoreactivity in the supraoptic and paraventricular nuclei of ovariectomized rats. Neuroscience Letters, 2010, 474, 135-139.	2.1	27
140	Actions of estrogens on glial cells: Implications for neuroprotection. Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 1106-1112.	2.5	175
141	Interaction of estrogen receptors with insulin-like growth factor-I and Wnt signaling in the nervous system. Steroids, 2010, 75, 565-569.	1.9	67
142	Sex differences in neuroactive steroid levels in the nervous system of diabetic and non-diabetic rats. Hormones and Behavior, 2010, 57, 46-55.	2.1	100
143	Sex-specific therapeutic strategies based on neuroactive steroids: In search for innovative tools for neuroprotection. Hormones and Behavior, 2010, 57, 2-11.	2.1	60
144	Long-term ovariectomy enhances anxiety and depressive-like behaviors in mice submitted to chronic unpredictable stress. Hormones and Behavior, 2010, 58, 786-791.	2.1	85

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145	Estradiol therapy in adulthood reverses glial and neuronal alterations caused by perinatal asphyxia. Experimental Neurology, 2010, 223, 615-622.	4.1	36
146	Estrogens Regulate Posttranslational Modification of Neural Cell Adhesion Molecule during the Estrogen-Induced Gonadotropin Surge. Endocrinology, 2009, 150, 2783-2790.	2.8	20
147	Selective Estrogen Receptor Modulators Decrease Reactive Astrogliosis in the Injured Brain: Effects of Aging and Prolonged Depletion of Ovarian Hormones. Endocrinology, 2009, 150, 5010-5015.	2.8	103
148	Interactions between neuroactive steroids and reelin haploinsufficiency in Purkinje cell survival. Neurobiology of Disease, 2009, 36, 103-115.	4.5	70
149	Neuroprotective actions of selective estrogen receptor modulators. Psychoneuroendocrinology, 2009, 34, S113-S122.	2.8	72
150	Steroids and neuroprotection: New advances. Frontiers in Neuroendocrinology, 2009, 30, v-ix.	5.2	68
151	Regulation of the phosphoinositideâ€3 kinase and mitogenâ€activated protein kinase signaling pathways by progesterone and its reduced metabolites in the rat brain. Journal of Neuroscience Research, 2009, 87, 470-481.	3.0	34
152	Selective transcriptional regulation of aromatase gene by vitamin D, dexamethasone, and mifepristone in human glioma cells. Endocrine, 2009, 35, 252-261.	2.3	43
153	Role of estrogen receptor Î± in membrane-initiated signaling in neural cells: Interaction with IGF-1 receptor. Journal of Steroid Biochemistry and Molecular Biology, 2009, 114, 2-7.	2.6	61
154	Early maternal deprivation in rats induces genderâ€dependent effects on developing hippocampal and cerebellar cells. International Journal of Developmental Neuroscience, 2009, 27, 233-241.	1.6	89
155	Estradiol Activates Î²-Catenin Dependent Transcription in Neurons. PLoS ONE, 2009, 4, e5153.	2.5	72
156	Pubertal maturation modifies the regulation of insulinâ€like growth factorâ€I receptor signaling by estradiol in the rat prefrontal cortex. Developmental Neurobiology, 2008, 68, 1018-1028.	3.1	14
157	Aromatase distribution in the monkey temporal neocortex and hippocampus. Brain Research, 2008, 1209, 115-127.	2.3	91
158	Neuroactive steroids and peripheral neuropathy. Brain Research Reviews, 2008, 57, 460-469.	9.0	82
159	Contribution of estrogen receptors alpha and beta to the effects of estradiol in the brain. Journal of Steroid Biochemistry and Molecular Biology, 2008, 108, 327-338.	2.6	159
160	Evaluation of neuroactive steroid levels by liquid chromatographyâ€“tandem mass spectrometry in central and peripheral nervous system: Effect of diabetes. Neurochemistry International, 2008, 52, 560-568.	3.9	92
161	Classical androgen receptors in non-classical sites in the brain. Hormones and Behavior, 2008, 53, 753-764.	2.1	130
162	The role of glia in the hypothalamus: implications for gonadal steroid feedback and reproductive neuroendocrine output. Reproduction, 2008, 135, 419-429.	2.6	73

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163	Antisense Oligodeoxynucleotides for Estrogen Receptor-Î² and Î± Attenuate Estradiol's Modulation of Affective and Sexual Behavior, Respectively. Neuropsychopharmacology, 2008, 33, 431-440.	5.6	57
164	Effects of Estradiol and DHEA on Morphological Synaptic Plasticity. , 2008, , 171-185.		2
165	Steroid Metabolism in Glial Cells. , 2008, , 43-59.		0
166	Estrogen-Induced Hypothalamic Synaptic Plasticity and Pituitary Sensitization in the Control of the Estrogen-Induced Gonadotrophin Surge. Reproductive Sciences, 2007, 14, 101-116.	2.5	82
167	Administration of an inhibitor of estrogen biosynthesis facilitates working memory acquisition in male rats. Neuroscience Research, 2007, 58, 272-277.	2.1	39
168	In search of neuroprotective therapies based on the mechanisms of estrogens. Expert Review of Endocrinology and Metabolism, 2007, 2, 387-397.	2.5	3
169	Effects of progesterone and its reduced metabolites, dihydroprogesterone and tetrahydroprogesterone, on the expression and phosphorylation of glycogen synthase kinase-3 and the microtubule-associated protein Tau in the rat cerebellum. Developmental Neurobiology, 2007, 67, 510-520.	3.1	35
170	Translocator protein (18 kDa) is involved in the regulation of reactive gliosis. Glia, 2007, 55, 1426-1436.	5.3	56
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