

Luis Garcia-Segura

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

471
papers

24,687
citations

84
h-index

128
g-index

481
ext. papers

26,491
ext. citations

5
avg, IF

6.97
L-index

#	Paper	IF	Citations
471	The hypothalamic paraventricular nucleus as a central hub for the estrogenic modulation of neuroendocrine function and behavior.. <i>Frontiers in Neuroendocrinology</i> , 2022 , 65, 100974	8.9	0
470	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. <i>Neuroendocrinology</i> , 2021 , 111, 660-677	5.6	2
469	X-linked histone H3K27 demethylase Kdm6a regulates sexually dimorphic differentiation of hypothalamic neurons. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7043-7060	10.3	0
468	Amyloid- β differentially stimulates proliferation, activation of oxidative stress and inflammatory responses in male and female hippocampal astrocyte cultures. <i>Mechanisms of Ageing and Development</i> , 2021 , 195, 111462	5.6	1
467	Role of glial cells in the generation of sex differences in neurodegenerative diseases and brain aging. <i>Mechanisms of Ageing and Development</i> , 2021 , 196, 111473	5.6	7
466	Role of Neuroglobin in the Neuroprotective Actions of Estradiol and Estrogenic Compounds. <i>Cells</i> , 2021 , 10,	7.9	1
465	High-fat diet alters stress behavior, inflammatory parameters and gut microbiota in Tg APP mice in a sex-specific manner. <i>Neurobiology of Disease</i> , 2021 , 159, 105495	7.5	1
464	Aromatase in the Human Brain.. <i>Androgens: Clinical Research and Therapeutics</i> , 2021 , 2, 189-202	0.7	0
463	Tibolone as Hormonal Therapy and Neuroprotective Agent. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 742-759	8.8	8
462	Insight into the molecular sex dimorphism of ischaemic stroke in rat cerebral cortex: Focus on neuroglobin, sex steroids and autophagy. <i>European Journal of Neuroscience</i> , 2020 , 52, 2756-2770	3.5	5
461	Estradiol-dependent axogenesis and Ngn3 expression are determined by XY sex chromosome complement in hypothalamic neurons. <i>Scientific Reports</i> , 2020 , 10, 8223	4.9	2
460	Sex dimorphism in an animal model of multiple sclerosis: Focus on pregnenolone synthesis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 199, 105596	5.1	4
459	The synthetic steroid tibolone exerts sex-specific regulation of astrocyte phagocytosis under basal conditions and after an inflammatory challenge. <i>Journal of Neuroinflammation</i> , 2020 , 17, 37	10.1	12
458	Microglia, neurodegeneration and loss of neuroendocrine control. <i>Progress in Neurobiology</i> , 2020 , 184, 101720	10.9	16
457	Sex differences in steroid levels and steroidogenesis in the nervous system: Physiopathological role. <i>Frontiers in Neuroendocrinology</i> , 2020 , 56, 100804	8.9	19
456	G Protein-Coupled Estrogen Receptor Immunoreactivity Fluctuates During the Estrous Cycle and Show Sex Differences in the Amygdala and Dorsal Hippocampus. <i>Frontiers in Endocrinology</i> , 2020 , 11, 537	5.7	7
455	Steroidogenic machinery in the adult rat colon. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 203, 105732	5.1	5

454	Aging and sex: Impact on microglia phagocytosis. <i>Aging Cell</i> , 2020 , 19, e13182	9.9	18
453	Sex differences in the peripubertal response to a short-term, high-fat diet intake. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12756	3.8	9
452	Sex differences and gonadal hormone regulation of brain cardiolipin, a key mitochondrial phospholipid. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12774	3.8	5
451	Lipotoxicity, neuroinflammation, glial cells and oestrogenic compounds. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12776	3.8	12
450	Physiopathological role of the enzymatic complex 5 β -reductase and 3 β -hydroxysteroid oxidoreductase in the generation of progesterone and testosterone neuroactive metabolites. <i>Frontiers in Neuroendocrinology</i> , 2020 , 57, 100836	8.9	14
449	Development of new treatments for Alzheimer's disease based on the modulation of translocator protein (TSPO). <i>Ageing Research Reviews</i> , 2019 , 54, 100943	12	3
448	Molecular mechanisms and cellular events involved in the neuroprotective actions of estradiol. Analysis of sex differences. <i>Frontiers in Neuroendocrinology</i> , 2019 , 55, 100787	8.9	44
447	Estrogenic Regulation of Neuroprotective and Neuroinflammatory Mechanisms: Implications for Depression and Cognition. <i>ISGE Series</i> , 2019 , 27-41	0.2	2
446	Sex differences in the brain expression of steroidogenic molecules under basal conditions and after gonadectomy. <i>Journal of Neuroendocrinology</i> , 2019 , 31, e12736	3.8	15
445	Sexually Dimorphic Effect of Genistein on Hypothalamic Neuronal Differentiation in Vitro. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
444	IGF1 Gene Therapy Modifies Microglia in the Striatum of Senile Rats. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 48	5.3	7
443	Notch signaling in astrocytes mediates their morphological response to an inflammatory challenge. <i>Cell Death Discovery</i> , 2019 , 5, 85	6.9	19
442	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. <i>Brain Research</i> , 2019 , 1712, 93-100	3.7	9
441	Lipotoxic Effects of Palmitic Acid on Astrocytes Are Associated with Autophagy Impairment. <i>Molecular Neurobiology</i> , 2019 , 56, 1665-1680	6.2	14
440	Non-reproductive Functions of Aromatase in the Central Nervous System Under Physiological and Pathological Conditions. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 473-481	4.6	21
439	Neuroactive steroids, neurosteroidogenesis and sex. <i>Progress in Neurobiology</i> , 2019 , 176, 1-17	10.9	50
438	Tibolone attenuates inflammatory response by palmitic acid and preserves mitochondrial membrane potential in astrocytic cells through estrogen receptor beta. <i>Molecular and Cellular Endocrinology</i> , 2019 , 486, 65-78	4.4	16
437	Ovarian Hormone-Dependent Effects of Dietary Lipids on APP/PS1 Mouse Brain. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 346	5.3	3

436	Molecular mechanisms involved in the protective actions of Selective Estrogen Receptor Modulators in brain cells. <i>Frontiers in Neuroendocrinology</i> , 2019 , 52, 44-64	8.9	19
435	Astrocytes Mediate Protective Actions of Estrogenic Compounds after Traumatic Brain Injury. <i>Neuroendocrinology</i> , 2019 , 108, 142-160	5.6	17
434	The sex differences of the behavior response to early Life immune stimulation: Microglia and astrocytes involvement. <i>Physiology and Behavior</i> , 2019 , 199, 386-394	3.5	14
433	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. <i>Psychoneuroendocrinology</i> , 2019 , 99, 206-215	5	29
432	A GABAergic cell type in the lateral habenula links hypothalamic homeostatic and midbrain motivation circuits with sex steroid signaling. <i>Translational Psychiatry</i> , 2018 , 8, 50	8.6	44
431	The Synthetic Steroid Tibolone Decreases Reactive Gliosis and Neuronal Death in the Cerebral Cortex of Female Mice After a Stab Wound Injury. <i>Molecular Neurobiology</i> , 2018 , 55, 8651-8667	6.2	23
430	Thymelaea lythroides extract attenuates microglial activation and depressive-like behavior in LPS-induced inflammation in adult male rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 99, 655-663	7.5	22
429	Neural-derived estradiol regulates brain plasticity. <i>Journal of Chemical Neuroanatomy</i> , 2018 , 89, 53-59	3.2	21
428	The Hypothalamic Inflammatory/Gliosis Response to Neonatal Overnutrition Is Sex and Age Dependent. <i>Endocrinology</i> , 2018 , 159, 368-387	4.8	26
427	Sex differences in Parkinson's disease: Features on clinical symptoms, treatment outcome, sexual hormones and genetics. <i>Frontiers in Neuroendocrinology</i> , 2018 , 50, 18-30	8.9	61
426	Tibolone Reduces Oxidative Damage and Inflammation in Microglia Stimulated with Palmitic Acid through Mechanisms Involving Estrogen Receptor Beta. <i>Molecular Neurobiology</i> , 2018 , 55, 5462-5477	6.2	35
425	Hormonal and genetic factors interact to control aromatase expression in the developing brain. <i>Journal of Neuroendocrinology</i> , 2018 , 30, e12535	3.8	7
424	Estradiol Activates PI3K/Akt/GSK3 Pathway Under Chronic Neurodegenerative Conditions Triggered by Perinatal Asphyxia. <i>Frontiers in Pharmacology</i> , 2018 , 9, 335	5.6	11
423	Ovarian Function Modulates the Effects of Long-Chain Polyunsaturated Fatty Acids on the Mouse Cerebral Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 103	6.1	4
422	Axonal transport in a peripheral diabetic neuropathy model: sex-dimorphic features. <i>Biology of Sex Differences</i> , 2018 , 9, 6	9.3	16
421	Tibolone Preserves Mitochondrial Functionality and Cell Morphology in Astrocytic Cells Treated with Palmitic Acid. <i>Molecular Neurobiology</i> , 2018 , 55, 4453-4462	6.2	16
420	Diabetes induces mitochondrial dysfunction and alters cholesterol homeostasis and neurosteroidogenesis in the rat cerebral cortex. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 178, 108-116	5.1	17
419	Sex differences in the phagocytic and migratory activity of microglia and their impairment by palmitic acid. <i>Glia</i> , 2018 , 66, 522-537	9	46

418	The GLP-1 analog, liraglutide prevents the increase of proinflammatory mediators in the hippocampus of male rat pups submitted to maternal perinatal food restriction. <i>Journal of Neuroinflammation</i> , 2018 , 15, 337	10.1	18
417	NADPH-Diaphorase Colocalizes with GPER and Is Modulated by the GPER Agonist G1 in the Supraoptic and Paraventricular Nuclei of Ovariectomized Female Rats. <i>Neuroendocrinology</i> , 2017 , 104, 94-104	5.6	9
416	Short-Term High-Fat Diet Feeding Provides Hypothalamic but Not Hippocampal Protection against Acute Infection in Male Mice. <i>Neuroendocrinology</i> , 2017 , 104, 40-50	5.6	6
415	4RChlorodiazepam modulates the development of primary hippocampal neurons in a sex-dependent manner. <i>Neuroscience Letters</i> , 2017 , 639, 98-102	3.3	1
414	4RChlorodiazepam is neuroprotective against amyloid-beta in organotypic hippocampal cultures. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 171, 281-287	5.1	9
413	Short-term effects of diabetes on neurosteroidogenesis in the rat hippocampus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 167, 135-143	5.1	19
412	Developmental Sex Differences in the Metabolism of Cardiolipin in Mouse Cerebral Cortex Mitochondria. <i>Scientific Reports</i> , 2017 , 7, 43878	4.9	13
411	Interaction of sex chromosome complement, gonadal hormones and neuronal steroid synthesis on the sexual differentiation of mammalian neurons. <i>Journal of Neurogenetics</i> , 2017 , 31, 300-306	1.6	11
410	Regulation of aromatase expression in the anterior amygdala of the developing mouse brain depends on ER and sex chromosome complement. <i>Scientific Reports</i> , 2017 , 7, 5320	4.9	23
409	L-Type Calcium Channels Modulation by Estradiol. <i>Molecular Neurobiology</i> , 2017 , 54, 4996-5007	6.2	26
408	Glial cells and energy balance. <i>Journal of Molecular Endocrinology</i> , 2017 , 58, R59-R71	4.5	31
407	Non-Neuronal Cells in the Hypothalamic Adaptation to Metabolic Signals. <i>Frontiers in Endocrinology</i> , 2017 , 8, 51	5.7	22
406	Estradiol Uses Different Mechanisms in Astrocytes from the Hippocampus of Male and Female Rats to Protect against Damage Induced by Palmitic Acid. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 330	6.1	14
405	Selective Oestrogen Receptor Agonists Rescued Hippocampus Parameters in Male Spontaneously Hypertensive Rats. <i>Journal of Neuroendocrinology</i> , 2016 , 28,	3.8	10
404	Oestradiol synthesized by female neurons generates sex differences in neuritogenesis. <i>Scientific Reports</i> , 2016 , 6, 31891	4.9	21
403	Tibolone protects astrocytic cells from glucose deprivation through a mechanism involving estrogen receptor beta and the upregulation of neuroglobin expression. <i>Molecular and Cellular Endocrinology</i> , 2016 , 433, 35-46	4.4	49
402	Regulation of astroglia by gonadal steroid hormones under physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2016 , 144, 5-26	10.9	79
401	4RChlorodiazepam is neuroprotective against amyloid-beta through the modulation of survivin and bax protein expression in vitro. <i>Brain Research</i> , 2016 , 1632, 91-7	3.7	9

400	Levels and actions of neuroactive steroids in the nervous system under physiological and pathological conditions: Sex-specific features. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 67, 25-40	9	63
399	Microglial dependent protective effects of neuroactive steroids. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016 , 15, 242-9	2.6	10
398	Testosterone Protects Mitochondrial Function and Regulates Neuroglobin Expression in Astrocytic Cells Exposed to Glucose Deprivation. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 152	5.3	45
397	Protection by Neuroglobin Expression in Brain Pathologies. <i>Frontiers in Neurology</i> , 2016 , 7, 146	4.1	44
396	CB2 cannabinoid receptor is involved in the anti-inflammatory effects of leptin in a model of traumatic brain injury. <i>Experimental Neurology</i> , 2016 , 279, 274-282	5.7	16
395	Dehydroepiandrosterone protects male and female hippocampal neurons and neuroblastoma cells from glucose deprivation. <i>Brain Research</i> , 2016 , 1644, 176-82	3.7	14
394	Effects of Subchronic Finasteride Treatment and Withdrawal on Neuroactive Steroid Levels and Their Receptors in the Male Rat Brain. <i>Neuroendocrinology</i> , 2016 , 103, 746-57	5.6	27
393	Neuroprotective effects of the catalytic subunit of telomerase: A potential therapeutic target in the central nervous system. <i>Ageing Research Reviews</i> , 2016 , 28, 37-45	12	21
392	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. <i>Endocrinology</i> , 2016 , 157, 3983-3993	4.8	20
391	Neuroprotection by Exogenous Estrogenic Compounds Following Traumatic Brain Injury 2015 , 73-90		2
390	Sex chromosome complement determines sex differences in aromatase expression and regulation in the stria terminalis and anterior amygdala of the developing mouse brain. <i>Molecular and Cellular Endocrinology</i> , 2015 , 414, 99-110	4.4	25
389	Therapeutic actions of translocator protein (18 kDa) ligands in experimental models of psychiatric disorders and neurodegenerative diseases. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 154, 68-74	5.1	28
388	Dihydrotestosterone as a Protective Agent in Chronic Experimental Autoimmune Encephalomyelitis. <i>Neuroendocrinology</i> , 2015 , 101, 296-308	5.6	28
387	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. <i>Psychoneuroendocrinology</i> , 2015 , 56, 1-11	5	38
386	Signaling mechanisms mediating the regulation of synaptic plasticity and memory by estradiol. <i>Hormones and Behavior</i> , 2015 , 74, 19-27	3.7	34
385	New steps forward in the neuroactive steroid field. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 153, 127-34	5.1	29
384	Lack of sterol regulatory element binding factor-1c imposes glial Fatty Acid utilization leading to peripheral neuropathy. <i>Cell Metabolism</i> , 2015 , 21, 571-83	24.6	36
383	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. <i>Endocrinology</i> , 2015 , 156, 3706-16	4.8	8

382	Glial and axonal perikaryal coverage and somatic spines in the posterodorsal medial amygdala of male and cycling female rats. <i>Journal of Comparative Neurology</i> , 2015 , 523, 2127-37	3.4	9
381	Adverse effects of 5 β -reductase inhibitors: What do we know, don't know, and need to know?. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2015 , 16, 177-98	10.5	71
380	CB1 and CB2 cannabinoid receptor antagonists prevent minocycline-induced neuroprotection following traumatic brain injury in mice. <i>Cerebral Cortex</i> , 2015 , 25, 35-45	5.1	49
379	The neuroprotective actions of oestradiol and oestrogen receptors. <i>Nature Reviews Neuroscience</i> , 2015 , 16, 17-29	13.5	267
378	Estrogens are neuroprotective factors for hypertensive encephalopathy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015 , 146, 15-25	5.1	16
377	The lipogenic regulator Sterol Regulatory Element Binding Factor-1c is required to maintain peripheral nerve structure and function. <i>SpringerPlus</i> , 2015 , 4, L45		
376	Sex differences in glia reactivity after cortical brain injury. <i>Glia</i> , 2015 , 63, 1966-1981	9	81
375	Neuroactive steroids and the peripheral nervous system: An update. <i>Steroids</i> , 2015 , 103, 23-30	2.8	36
374	Cerebellin 4, a synaptic protein, enhances inhibitory activity and resistance of neurons to amyloid- β toxicity. <i>Neurobiology of Aging</i> , 2015 , 36, 1057-71	5.6	15
373	Changes in cannabinoid receptors, aquaporin 4 and vimentin expression after traumatic brain injury in adolescent male mice. Association with edema and neurological deficit. <i>PLoS ONE</i> , 2015 , 10, e0128782	3.7	39
372	Sex differences and effects of estrogenic compounds on the expression of inflammatory molecules by astrocytes exposed to the insecticide dimethoate. <i>Neurotoxicity Research</i> , 2014 , 25, 271-85	4.3	31
371	Role of astrocytes in the neuroprotective actions of 17 β -estradiol and selective estrogen receptor modulators. <i>Molecular and Cellular Endocrinology</i> , 2014 , 389, 48-57	4.4	71
370	Structural insights from GRP78-NF- κ B binding interactions: a computational approach to understand a possible neuroprotective pathway in brain injuries. <i>Journal of Theoretical Biology</i> , 2014 , 345, 43-51	2.3	7
369	Cortical spreading depression in traumatic brain injuries: is there a role for astrocytes?. <i>Neuroscience Letters</i> , 2014 , 565, 2-6	3.3	29
368	Theiler'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. <i>Journal of NeuroVirology</i> , 2014 , 20, 485-95	3.9	8
367	Tibolone protects T98G cells from glucose deprivation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt B, 294-303	5.1	45
366	Chronic unpredictable stress and long-term ovariectomy affect arginine-vasopressin expression in the paraventricular nucleus of adult female mice. <i>Brain Research</i> , 2014 , 1588, 55-62	3.7	6
365	17 β -Estradiol-induced neuroprotection in the brain of spontaneously hypertensive rats. <i>Journal of Neuroendocrinology</i> , 2014 , 26, 310-20	3.8	5

364	A new mathematical function to evaluate neuronal morphology using the Sholl analysis. <i>Journal of Neuroscience Methods</i> , 2014 , 226, 103-109	3	35
363	Neuroendocrinology of childbirth and mother-child attachment: the basis of an etiopathogenic model of perinatal neurobiological disorders. <i>Frontiers in Neuroendocrinology</i> , 2014 , 35, 459-72	8.9	46
362	Neuroactive steroid treatment modulates myelin lipid profile in diabetic peripheral neuropathy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 143, 115-21	5.1	27
361	Diabetic neuropathic pain: a role for testosterone metabolites. <i>Journal of Endocrinology</i> , 2014 , 221, 1-13	4.7	48
360	Selective estrogen receptor modulators regulate reactive microglia after penetrating brain injury. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 132	5.3	52
359	Neurogenin 3 mediates sex chromosome effects on the generation of sex differences in hypothalamic neuronal development. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 188	6.1	22
358	Astrocytic modulation of blood brain barrier: perspectives on Parkinson's disease. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 211	6.1	221
357	Aromatase inhibition exacerbates pain and reactive gliosis in the dorsal horn of the spinal cord of female rats caused by spinothalamic tract injury. <i>Endocrinology</i> , 2014 , 155, 4341-55	4.8	27
356	Sex-dependent long-term effects of adolescent exposure to THC and/or MDMA on neuroinflammation and serotonergic and cannabinoid systems in rats. <i>British Journal of Pharmacology</i> , 2014 , 171, 1435-47	8.6	38
355	GluN2B N-methyl-D-aspartic acid receptor subunit mediates atorvastatin-induced neuroprotection after focal cerebral ischemia. <i>Journal of Neuroscience Research</i> , 2014 , 92, 1529-48	4.4	26
354	Levels and actions of progesterone and its metabolites in the nervous system during physiological and pathological conditions. <i>Progress in Neurobiology</i> , 2014 , 113, 56-69	10.9	93
353	Multimodal analysis in acute and chronic experimental autoimmune encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2013 , 8, 238-50	6.9	12
352	Sub-chronic exposure to the insecticide dimethoate induces a proinflammatory status and enhances the neuroinflammatory response to bacterial lipopolysaccharide in the hippocampus and striatum of male mice. <i>Toxicology and Applied Pharmacology</i> , 2013 , 272, 263-71	4.6	13
351	G protein-coupled estrogen receptor is required for the neuritogenic mechanism of 17 β -estradiol in developing hippocampal neurons. <i>Molecular and Cellular Endocrinology</i> , 2013 , 372, 105-15	4.4	56
350	Estrogenic regulation of NADPH-diaphorase in the supraoptic and paraventricular nuclei under acute osmotic stress. <i>Neuroscience</i> , 2013 , 248, 127-35	3.9	6
349	Prenatal stress increases the expression of proinflammatory cytokines and exacerbates the inflammatory response to LPS in the hippocampal formation of adult male mice. <i>Brain, Behavior, and Immunity</i> , 2013 , 28, 196-206	16.6	114
348	Age-related changes in neuroactive steroid levels in 3xTg-AD mice. <i>Neurobiology of Aging</i> , 2013 , 34, 1080-8	5.8	79
347	Upregulation of voltage-gated Ca ²⁺ channels in mouse astrocytes infected with Theiler's murine encephalomyelitis virus (TMEV). <i>Neuroscience</i> , 2013 , 247, 309-18	3.9	5

346	Maternal stress alters the developmental program of embryonic hippocampal neurons growing in vitro. <i>Psychoneuroendocrinology</i> , 2013 , 38, 455-9	5	2
345	Gonadal hormones and the control of reactive gliosis. <i>Hormones and Behavior</i> , 2013 , 63, 216-21	3.7	49
344	Estradiol and testosterone regulate arginine-vasopressin expression in SH-SY5Y human female neuroblastoma cells through estrogen receptors- α and - β . <i>Endocrinology</i> , 2013 , 154, 2092-100	4.8	28
343	Ligand for translocator protein reverses pathology in a mouse model of Alzheimer's disease. <i>Journal of Neuroscience</i> , 2013 , 33, 8891-7	6.6	103
342	Comparison of plasma and cerebrospinal fluid levels of neuroactive steroids with their brain, spinal cord and peripheral nerve levels in male and female rats. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2278-90	5	96
341	Role of oestrogen receptors on the modulation of NADPH-diaphorase-positive cell number in supraoptic and paraventricular nuclei of ovariectomised female rats. <i>Journal of Neuroendocrinology</i> , 2013 , 25, 244-50	3.8	10
340	17 β -Estradiol anti-inflammatory effects in primary astrocytes require oestrogen receptor E-mediated neuroglobin up-regulation. <i>Journal of Neuroendocrinology</i> , 2013 , 25, 260-70	3.8	79
339	A CRM1-mediated nuclear export signal is essential for cytoplasmic localization of neurogenin 3 in neurons. <i>PLoS ONE</i> , 2013 , 8, e55237	3.7	5
338	Neuroprotective effects of progesterone in chronic experimental autoimmune encephalomyelitis. <i>Journal of Neuroendocrinology</i> , 2012 , 24, 851-61	3.8	42
337	Survivin prevents apoptosis by binding to caspase-3 in astrocytes infected with the BeAn strain of Theiler's murine encephalomyelitis virus. <i>Journal of NeuroVirology</i> , 2012 , 18, 354-63	3.9	12
336	Effects of selective estrogen receptor modulators on allocentric working memory performance and on dendritic spines in medial prefrontal cortex pyramidal neurons of ovariectomized rats. <i>Hormones and Behavior</i> , 2012 , 61, 512-7	3.7	72
335	LXR and TSPO as new therapeutic targets to increase the levels of neuroactive steroids in the central nervous system of diabetic animals. <i>Neurochemistry International</i> , 2012 , 60, 616-21	4.4	37
334	Molecular mechanisms involved in the regulation of neuritogenesis by estradiol: Recent advances. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012 , 131, 52-6	5.1	38
333	Antidepressive and anxiolytic activity of selective estrogen receptor modulators in ovariectomized mice submitted to chronic unpredictable stress. <i>Behavioural Brain Research</i> , 2012 , 227, 287-90	3.4	29
332	Prenatal stress causes alterations in the morphology of microglia and the inflammatory response of the hippocampus of adult female mice. <i>Journal of Neuroinflammation</i> , 2012 , 9, 71	10.1	149
331	Hormones and the Aging Brain 2012 , 573-594		
330	UCP2 induced by natural birth regulates neuronal differentiation of the hippocampus and related adult behavior. <i>PLoS ONE</i> , 2012 , 7, e42911	3.7	45
329	Glycogen synthase kinase-3 β /E-catenin signaling in the rat hypothalamus during the estrous cycle. <i>Journal of Neuroscience Research</i> , 2012 , 90, 1078-84	4.4	4

328	Selective oestrogen receptor modulators decrease the inflammatory response of glial cells. <i>Journal of Neuroendocrinology</i> , 2012 , 24, 183-90	3.8	75
327	Oestradiol regulates Eatenin-mediated transcription in neurones. <i>Journal of Neuroendocrinology</i> , 2012 , 24, 191-4	3.8	9
326	Behavioral effects of estradiol therapy in ovariectomized rats depend on the age when the treatment is initiated. <i>Experimental Gerontology</i> , 2012 , 47, 93-9	4.5	31
325	Neuroprotection and sex steroid hormones: evidence of estradiol-mediated protection in hypertensive encephalopathy. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 1081-9	3.2	9
324	Selective estrogen receptor modulators regulate dendritic spine plasticity in the hippocampus of male rats. <i>Neural Plasticity</i> , 2012 , 2012, 309494	3.3	32
323	Diabetes-induced myelin abnormalities are associated with an altered lipid pattern: protective effects of LXR activation. <i>Journal of Lipid Research</i> , 2012 , 53, 300-10	6.3	71
322	Estrogen receptor ligands counteract cognitive deficits caused by androgen deprivation in male rats. <i>Hormones and Behavior</i> , 2011 , 59, 581-4	3.7	26
321	Neuroprotective actions of estradiol revisited. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 467-738.8		93
320	Increased aromatase expression in the hippocampus of spontaneously hypertensive rats: effects of estradiol administration. <i>Neuroscience</i> , 2011 , 174, 151-9	3.9	20
319	Estradiol synthesis within the human brain. <i>Neuroscience</i> , 2011 , 191, 139-47	3.9	144
318	Neuroactive steroids: focus on human brain. <i>Neuroscience</i> , 2011 , 191, 1-5	3.9	111
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