

# Darrell W Brann

## List of Publications by Citations

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153  
papers

8,853  
citations

53  
h-index

88  
g-index

167  
ext. papers

9,616  
ext. citations

5.3  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
153	Neurotrophic and neuroprotective actions of estrogen: basic mechanisms and clinical implications. <i>Steroids</i> , <b>2007</b> , 72, 381-405	2.8	425
152	Expression and localization of the leptin receptor in endocrine and neuroendocrine tissues of the rat. <i>Neuroendocrinology</i> , <b>1997</b> , 65, 223-8	5.6	259
151	Progesterone metabolite allopregnanolone in women with premenstrual syndrome. <i>Obstetrics and Gynecology</i> , <b>1997</b> , 90, 709-14	4.9	245
150	Emerging diversities in the mechanism of action of steroid hormones. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1995</b> , 52, 113-33	5.1	229
149	Glutamate: a major excitatory transmitter in neuroendocrine regulation. <i>Neuroendocrinology</i> , <b>1995</b> , 61, 213-25	5.6	228
148	Curcumin suppresses growth and chemoresistance of human glioblastoma cells via AP-1 and NFkappaB transcription factors. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 522-38	6	220
147	NADPH oxidase in brain injury and neurodegenerative disorders. <i>Molecular Neurodegeneration</i> , <b>2017</b> , 12, 7	19	217
146	Estrogen attenuates ischemic oxidative damage via an estrogen receptor alpha-mediated inhibition of NADPH oxidase activation. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 13823-36	6.6	209
145	Protective effects of estrogen and selective estrogen receptor modulators in the brain. <i>Biology of Reproduction</i> , <b>2002</b> , 67, 1379-85	3.9	188
144	Excitatory amino acids: function and significance in reproduction and neuroendocrine regulation. <i>Frontiers in Neuroendocrinology</i> , <b>1994</b> , 15, 3-49	8.9	180
143	Histochemical localization of nitric oxide neurons in the hypothalamus: association with gonadotropin-releasing hormone neurons and co-localization with N-methyl-D-aspartate receptors. <i>Neuroendocrinology</i> , <b>1995</b> , 62, 187-97	5.6	166
142	Rapid estrogen signaling in the brain. <i>NeuroSignals</i> , <b>2008</b> , 16, 140-53	1.9	165
141	Role of Dickkopf-1, an antagonist of the Wnt/beta-catenin signaling pathway, in estrogen-induced neuroprotection and attenuation of tau phosphorylation. <i>Journal of Neuroscience</i> , <b>2008</b> , 28, 8430-41	6.6	147
140	Critical role of NADPH oxidase in neuronal oxidative damage and microglia activation following traumatic brain injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e34504	3.7	146
139	Excitatory amino acids: evidence for a role in the control of reproduction and anterior pituitary hormone secretion. <i>Endocrine Reviews</i> , <b>1997</b> , 18, 678-700	27.2	145
138	Extranuclear estrogen receptors mediate the neuroprotective effects of estrogen in the rat hippocampus. <i>PLoS ONE</i> , <b>2010</b> , 5, e9851	3.7	135
137	Endogenous excitatory amino acid involvement in the preovulatory and steroid-induced surge of gonadotropins in the female rat. <i>Endocrinology</i> , <b>1991</b> , 128, 1541-7	4.8	130

136	Gaseous transmitters and neuroendocrine regulation. <i>Neuroendocrinology</i> , <b>1997</b> , 65, 385-95	5.6	127
135	Astrocyte-derived transforming growth factor- $\beta$ mediates the neuroprotective effects of 17 $\beta$ -estradiol: involvement of nonclassical genomic signaling pathways. <i>Endocrinology</i> , <b>2005</b> , 146, 2749-59	4.8	122
134	Astrocyte protection of neurons: role of transforming growth factor- $\beta$ signaling via a c-Jun-AP-1 protective pathway. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 43329-39	5.4	115
133	Estrogen-astrocyte-luteinizing hormone-releasing hormone signaling: a role for transforming growth factor- $\beta$ (1). <i>Biology of Reproduction</i> , <b>2000</b> , 62, 1710-21	3.9	112
132	Role of corticosteroids in female reproduction. <i>FASEB Journal</i> , <b>1991</b> , 5, 2691-8	0.9	110
131	C terminus of Hsc70-interacting protein (CHIP)-mediated degradation of hippocampal estrogen receptor- $\alpha$ and the critical period hypothesis of estrogen neuroprotection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E617-24	11.5	109
130	Estrogen neuroprotection and the critical period hypothesis. <i>Frontiers in Neuroendocrinology</i> , <b>2012</b> , 33, 85-104	8.9	98
129	Transforming growth factor- $\beta$ : a neuroprotective factor in cerebral ischemia. <i>Cell Biochemistry and Biophysics</i> , <b>2003</b> , 39, 13-22	3.2	96
128	Treadmill Exercise Exerts Neuroprotection and Regulates Microglial Polarization and Oxidative Stress in a Streptozotocin-Induced Rat Model of Sporadic Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 56, 1469-1484	4.3	95
127	Role of Rac1 GTPase in NADPH oxidase activation and cognitive impairment following cerebral ischemia in the rat. <i>PLoS ONE</i> , <b>2010</b> , 5, e12606	3.7	90
126	Role of astrocytes in estrogen-mediated neuroprotection. <i>Experimental Gerontology</i> , <b>2007</b> , 42, 70-5	4.5	89
125	Role of astrocytes in reproduction and neuroprotection. <i>Molecular and Cellular Endocrinology</i> , <b>2006</b> , 246, 1-9	4.4	88
124	Brain-derived estrogen exerts anti-inflammatory and neuroprotective actions in the rat hippocampus. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 389, 84-91	4.4	87
123	Genistein attenuates ischemic oxidative damage and behavioral deficits via eNOS/Nrf2/HO-1 signaling. <i>Hippocampus</i> , <b>2013</b> , 23, 634-47	3.5	86
122	Evidence that brain nitric oxide synthase is the major nitric oxide synthase isoform in the hypothalamus of the adult female rat and that nitric oxide potently regulates hypothalamic cGMP levels. <i>Neuroendocrinology</i> , <b>1996</b> , 64, 93-102	5.6	85
121	PELP1 is a reader of histone H3 methylation that facilitates oestrogen receptor- $\alpha$ target gene activation by regulating lysine demethylase 1 specificity. <i>EMBO Reports</i> , <b>2010</b> , 11, 438-44	6.5	84
120	Neuroprotection by stem cell factor in rat cortical neurons involves AKT and NF $\kappa$ B. <i>Journal of Neurochemistry</i> , <b>2005</b> , 95, 9-19	6	78
119	GPR30 mediates estrogen rapid signaling and neuroprotection. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 387, 52-8	4.4	73

118	Extranuclear functions of ER impact invasive migration and metastasis by breast cancer cells. <i>Cancer Research</i> , <b>2010</b> , 70, 4092-101	10.1	73
117	Tamoxifen neuroprotection in cerebral ischemia involves attenuation of kinase activation and superoxide production and potentiation of mitochondrial superoxide dismutase. <i>Endocrinology</i> , <b>2008</b> , 149, 367-79	4.8	72
116	Early effects of high-fat diet on neurovascular function and focal ischemic brain injury. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2013</b> , 304, R1001-8	3.2	71
115	Therapeutic significance of estrogen receptor agonists in gliomas. <i>Molecular Cancer Therapeutics</i> , <b>2012</b> , 11, 1174-82	6.1	71
114	Neuron-Derived Estrogen Regulates Synaptic Plasticity and Memory. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 2792-2809	6.6	69
113	Evidence for a physiological role for nitric oxide in the regulation of the LH surge: effect of central administration of antisense oligonucleotides to nitric oxide synthase. <i>Neuroendocrinology</i> , <b>1996</b> , 64, 449-55	5.6	69
112	Inhibition of uterine contractility by progesterone and progesterone metabolites: mediation by progesterone and gamma amino butyric acidA receptor systems. <i>Biology of Reproduction</i> , <b>1991</b> , 45, 266-72	3.9	69
111	Corticosteroid regulation of gonadotropin and prolactin secretion in the rat. <i>Endocrinology</i> , <b>1990</b> , 126, 159-66	4.8	68
110	Tamoxifen, a selective estrogen receptor modulator, reduces ischemic damage caused by middle cerebral artery occlusion in the ovariectomized female rat. <i>Neuroendocrinology</i> , <b>2003</b> , 77, 44-50	5.6	64
109	Leptin and reproduction. <i>Steroids</i> , <b>2002</b> , 67, 95-104	2.8	64
108	Diverse modes of action of progesterone and its metabolites. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1996</b> , 56, 209-19	5.1	64
107	Interaction between ovarian and adrenal steroids in the regulation of gonadotropin secretion. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1992</b> , 41, 495-513	5.1	64
106	Gamma-aminobutyric acidA receptors mediate 3 alpha-hydroxy-5 alpha-pregnan-20-one-induced gonadotropin secretion. <i>Endocrinology</i> , <b>1990</b> , 126, 1854-9	4.8	62
105	Cell-Permeable Peptide Targeting the Nrf2-Keap1 Interaction: A Potential Novel Therapy for Global Cerebral Ischemia. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 14727-39	6.6	61
104	NADPH Oxidase 2 Regulates NLRP3 Inflammasome Activation in the Brain after Traumatic Brain Injury. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 6057609	6.7	60
103	NADPH oxidases in traumatic brain injury - Promising therapeutic targets?. <i>Redox Biology</i> , <b>2018</b> , 16, 285-293	2.3	57
102	Estrogen regulation of Dkk1 and Wnt/ $\beta$ Catenin signaling in neurodegenerative disease. <i>Brain Research</i> , <b>2013</b> , 1514, 63-74	3.7	55
101	Quantitative RT-PCR for neuroendocrine studies. A minireview. <i>Neuroendocrinology</i> , <b>1996</b> , 63, 397-407	5.6	55

100	Preservation of GABAA receptor function by PTEN inhibition protects against neuronal death in ischemic stroke. <i>Stroke</i> , <b>2010</b> , 41, 1018-26	6.7	53
99	Delayed ischemic postconditioning protects hippocampal CA1 neurons by preserving mitochondrial integrity via Akt/GSK3 $\beta$ signaling. <i>Neurochemistry International</i> , <b>2011</b> , 59, 749-58	4.4	52
98	Neuroprotective effects of estrogen and tamoxifen in vitro: a facilitative role for glia?. <i>Endocrine</i> , <b>2003</b> , 21, 59-66		52
97	Regulation of leptin gene expression and secretion by steroid hormones. <i>Steroids</i> , <b>1999</b> , 64, 659-63	2.8	51
96	The aging reproductive neuroendocrine axis. <i>Steroids</i> , <b>2005</b> , 70, 273-83	2.8	49
95	Steroid hormone effects on NMDA receptor binding and NMDA receptor mRNA levels in the hypothalamus and cerebral cortex of the adult rat. <i>Neuroendocrinology</i> , <b>1993</b> , 58, 666-72	5.6	49
94	NLRP3 Inflammasome Activation in the Brain after Global Cerebral Ischemia and Regulation by 17-Estradiol. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2016</b> , 2016, 8309031	6.7	49
93	The role of glutamate and nitric oxide in the reproductive neuroendocrine system. <i>Biochemistry and Cell Biology</i> , <b>2000</b> , 78, 165-179	3.6	48
92	Localization of the N-methyl-D-aspartate R1 receptor subunit in specific anterior pituitary hormone cell types of the female rat. <i>Neuroendocrinology</i> , <b>1995</b> , 62, 178-86	5.6	48
91	Estrogen regulation of spine density and excitatory synapses in rat prefrontal and somatosensory cerebral cortex. <i>Steroids</i> , <b>2013</b> , 78, 614-23	2.8	46
90	Regulation of gonadotropin-releasing hormone and luteinizing hormone secretion by AMPA receptors. Evidence for a physiological role of AMPA receptors in the steroid-induced luteinizing hormone surge. <i>Neuroendocrinology</i> , <b>1997</b> , 66, 246-53	5.6	46
89	Characterization of ionotropic glutamate receptors in rat hypothalamus, pituitary and immortalized gonadotropin-releasing hormone (GnRH) neurons (GT1-7 cells). <i>Neuroendocrinology</i> , <b>1999</b> , 69, 397-407	5.6	46
88	Selective estrogen receptor modulators (SERMs) enhance neurogenesis and spine density following focal cerebral ischemia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 146, 38-47 <sup>5.1</sup>		45
87	Regulatory role of excitatory amino acids in reproduction. <i>Endocrine</i> , <b>2005</b> , 28, 271-80		45
86	Excitatory amino acid regulation of gonadotropin secretion: modulation by steroid hormones. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1992</b> , 41, 847-50	5.1	45
85	Role of Rac1 GTPase in JNK signaling and delayed neuronal cell death following global cerebral ischemia. <i>Brain Research</i> , <b>2009</b> , 1265, 138-47	3.7	43
84	Glutamate: a major neuroendocrine excitatory signal mediating steroid effects on gonadotropin secretion. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1995</b> , 53, 325-9	5.1	43
83	Endogenous excitatory amino acid regulation of the progesterone-induced LH and FSH surge in estrogen-primed ovariectomized rats. <i>Neuroendocrinology</i> , <b>1991</b> , 53, 107-10	5.6	43

82	Progesterone suppression of glutamic acid decarboxylase (GAD67) mRNA levels in the preoptic area: correlation to the luteinizing hormone surge. <i>Neuroendocrinology</i> , <b>1995</b> , 62, 562-70	5.6	42
81	Effect of progesterone on galanin mRNA levels in the hypothalamus and the pituitary: correlation with the gonadotropin surge. <i>Neuroendocrinology</i> , <b>1993</b> , 58, 531-8	5.6	42
80	Excitatory amino acid neurotransmission evidence for a role in neuroendocrine regulation. <i>Trends in Endocrinology and Metabolism</i> , <b>1992</b> , 3, 122-6	8.8	40
79	Astrocytes and brain function: implications for reproduction. <i>Experimental Biology and Medicine</i> , <b>2003</b> , 228, 253-60	3.7	39
78	KDM1 is a novel therapeutic target for the treatment of gliomas. <i>Oncotarget</i> , <b>2013</b> , 4, 18-28	3.3	39
77	A conditional tetracycline-regulated increase in Gamma amino butyric acid production near luteinizing hormone-releasing hormone nerve terminals disrupts estrous cyclicity in the rat. <i>Endocrinology</i> , <b>2001</b> , 142, 2102-14	4.8	38
76	Regulatory role of NADPH oxidase 2 in the polarization dynamics and neurotoxicity of microglia/macrophages after traumatic brain injury. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 113, 119-131 <sup>7.8</sup>	7.8	37
75	Hypersensitivity of the hippocampal CA3 region to stress-induced neurodegeneration and amyloidogenesis in a rat model of surgical menopause. <i>Brain</i> , <b>2013</b> , 136, 1432-45	11.2	37
74	Activation of Myeloid TLR4 Mediates T Lymphocyte Polarization after Traumatic Brain Injury. <i>Journal of Immunology</i> , <b>2017</b> , 198, 3615-3626	5.3	36
73	Acute activation of the adrenocorticotropin-adrenal axis: effect on gonadotropin and prolactin secretion in the female rat. <i>Endocrinology</i> , <b>1991</b> , 128, 2558-66	4.8	35
72	Ovulation induction in clomiphene-resistant anovulatory women with normal dehydroepiandrosterone sulfate levels: beneficial effects of the addition of dexamethasone during the follicular phase. <i>Fertility and Sterility</i> , <b>1996</b> , 66, 484-6	4.8	34
71	Validation of the mechanisms proposed for the stimulatory and inhibitory effects of progesterone on gonadotropin secretion in the estrogen-primed rat: a possible role for adrenal steroids. <i>Steroids</i> , <b>1991</b> , 56, 103-11	2.8	34
70	PELP1--a novel estrogen receptor-interacting protein. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 290, 2-7	4.4	33
69	Characterization of the kinin system in the ovary during ovulation in the rat. <i>Biology of Reproduction</i> , <b>1992</b> , 47, 945-51	3.9	33
68	Protective Effect of 17 $\beta$ Estradiol Upon Hippocampal Spine Density and Cognitive Function in an Animal Model of Vascular Dementia. <i>Scientific Reports</i> , <b>2017</b> , 7, 42660	4.9	32
67	Cloning, expression, and localization of MNAR/PELP1 in rodent brain: colocalization in estrogen receptor-alpha- but not in gonadotropin-releasing hormone-positive neurons. <i>Endocrinology</i> , <b>2005</b> , 146, 5215-27	4.8	32
66	Proline-, glutamic acid-, and leucine-rich protein 1 mediates estrogen rapid signaling and neuroprotection in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E6673-82	11.5	31
65	Induction of transforming growth factor-beta1 by basic fibroblast growth factor in rat C6 glioma cells and astrocytes is mediated by MEK/ERK signaling and AP-1 activation. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 1033-45	4.4	31

64	Estrogen-astrocyte interactions: implications for neuroprotection. <i>BMC Neuroscience</i> , <b>2002</b> , 3, 6	3.2	31
63	Opioid-glutamate-nitric oxide connection in the regulation of luteinizing hormone secretion in the rat. <i>Endocrinology</i> , <b>1998</b> , 139, 955-60	4.8	31
62	Photobiomodulation for Global Cerebral Ischemia: Targeting Mitochondrial Dynamics and Functions. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 1852-1869	6.2	30
61	Evidence that neuronal nitric oxide synthase but not heme oxygenase increases in the hypothalamus on proestrus afternoon. <i>Neuroendocrinology</i> , <b>1999</b> , 70, 360-7	5.6	30
60	Role of Excitatory Amino Acid Neurotransmission during Puberty in the Female Rat. <i>Molecular and Cellular Neurosciences</i> , <b>1993</b> , 4, 107-12	4.8	30
59	Detailed examination of the mechanism and site of action of progesterone and corticosteroids in the regulation of gonadotropin secretion: hypothalamic gonadotropin-releasing hormone and catecholamine involvement. <i>Biology of Reproduction</i> , <b>1991</b> , 44, 1005-15	3.9	30
58	Acetylation of the pro-apoptotic factor, p53 in the hippocampus following cerebral ischemia and modulation by estrogen. <i>PLoS ONE</i> , <b>2011</b> , 6, e27039	3.7	30
57	Possible Role of Non-NMDA Receptor-Mediated Neurotransmission in Steroid-Induced and Preovulatory Gonadotropin Surges in the Rat. <i>Molecular and Cellular Neurosciences</i> , <b>1993</b> , 4, 292-7	4.8	29
56	17-Estradiol Regulates Microglia Activation and Polarization in the Hippocampus Following Global Cerebral Ischemia. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 4248526	6.7	29
55	Dibutyl- <i>c</i> -AMP attenuates pulmonary fibrosis by blocking myofibroblast differentiation via PKA/CREB/CBP signaling in rats with silicosis. <i>Respiratory Research</i> , <b>2017</b> , 18, 38	7.3	28
54	Modulation of in situ estrogen synthesis by proline-, glutamic acid-, and leucine-rich protein-1: potential estrogen receptor autocrine signaling loop in breast cancer cells. <i>Molecular Endocrinology</i> , <b>2008</b> , 22, 649-64		28
53	Regulation of hypothalamic gonadotropin-releasing hormone and neuropeptide Y concentrations by progesterone and corticosteroids in immature rats: correlation with luteinizing hormone and follicle-stimulating hormone release. <i>Neuroendocrinology</i> , <b>1991</b> , 54, 425-32	5.6	27
52	The ERK5-MEF2C transcription factor pathway contributes to anti-apoptotic effect of cerebral ischemia preconditioning in the hippocampal CA1 region of rats. <i>Brain Research</i> , <b>2009</b> , 1255, 32-41	3.7	26
51	Neuroendocrine mechanisms underlying the control of gonadotropin secretion by steroids. <i>Steroids</i> , <b>1998</b> , 63, 252-6	2.8	26
50	Growth factor regulation of estrogen receptor coregulator PELP1 functions via Protein Kinase A pathway. <i>Molecular Cancer Research</i> , <b>2008</b> , 6, 851-61	6.6	26
49	Effect of NMDA and non-NMDA receptor antagonists on pulsatile luteinizing hormone secretion in the adult male rat. <i>Neuroendocrinology</i> , <b>1995</b> , 61, 226-34	5.6	26
48	Reprint of "GPR30 mediates estrogen rapid signaling and neuroprotection". <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 389, 92-8	4.4	25
47	gamma-Aminobutyric acid-opioid interactions in the regulation of gonadotropin secretion in the immature female rat. <i>Neuroendocrinology</i> , <b>1992</b> , 56, 445-52	5.6	25

46	Deletion of NADPH oxidase 4 reduces severity of traumatic brain injury. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 117, 66-75	7.8	23
45	PELP1 oncogenic functions involve alternative splicing via PRMT6. <i>Molecular Oncology</i> , <b>2014</b> , 8, 389-400	7.9	23
44	Astrocyte-Derived Estrogen Regulates Reactive Astrogliosis and is Neuroprotective following Ischemic Brain Injury. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 9751-9771	6.6	22
43	Protective effect of Ac-SDKP on alveolar epithelial cells through inhibition of EMT via TGF- $\beta$ /ROCK1 pathway in silicosis in rat. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 294, 1-10	4.6	22
42	Evidence for a role of bradykinin neurons in the control of gonadotropin-releasing hormone secretion. <i>Neuroendocrinology</i> , <b>1998</b> , 67, 209-18	5.6	21
41	Long-term estrogen deprivation leads to elevation of Dickkopf-1 and dysregulation of Wnt/ $\beta$ Catenin signaling in hippocampal CA1 neurons. <i>Steroids</i> , <b>2013</b> , 78, 624-32	2.8	20
40	G-protein-coupled estrogen receptor activation upregulates interleukin-1 receptor antagonist in the hippocampus after global cerebral ischemia: implications for neuronal self-defense. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 45	10.1	20
39	Beneficial Effects of Theta-Burst Transcranial Magnetic Stimulation on Stroke Injury via Improving Neuronal Microenvironment and Mitochondrial Integrity. <i>Translational Stroke Research</i> , <b>2020</b> , 11, 450-467	7.8	20
38	Orphanin FQ inhibits GnRH secretion from rat hypothalamic fragments but not GT1-7 neurons. <i>NeuroReport</i> , <b>2002</b> , 13, 1247-9	1.7	18
37	Neuron-Derived Estrogen Is Critical for Astrocyte Activation and Neuroprotection of the Ischemic Brain. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 7355-7374	6.6	18
36	Premature menopause and risk of neurological disease: basic mechanisms and clinical implications. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 389, 2-6	4.4	17
35	Excitatory amino acid receptors and puberty. <i>Steroids</i> , <b>1998</b> , 63, 268-70	2.8	17
34	Expression of glutamate receptor subunits in the hypothalamus of the female rat during the afternoon of the proestrous luteinizing hormone surge and effects of antiprogestin treatment and aging. <i>Neuroendocrinology</i> , <b>2005</b> , 81, 120-8	5.6	17
33	Cloning, distribution, and colocalization of MNAR/PELP1 with glucocorticoid receptors in primate and nonprimate brain. <i>Neuroendocrinology</i> , <b>2006</b> , 84, 317-29	5.6	17
32	Enhanced glutamatergic and decreased GABAergic synaptic appositions to GnRH neurons on proestrus in the rat: modulatory effect of aging. <i>PLoS ONE</i> , <b>2010</b> , 5, e10172	3.7	16
31	Neuroprotection Mediated through GluN2C-Containing N-methyl-D-aspartate (NMDA) Receptors Following Ischemia. <i>Scientific Reports</i> , <b>2016</b> , 6, 37033	4.9	14
30	Regulation of anterior pituitary gonadotropin subunit mRNA levels during the preovulatory gonadotropin surge: a physiological role of progesterone in regulating LH-beta and FSH-beta mRNA levels. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1993</b> , 46, 427-37	5.1	14
29	Direct anterior pituitary modulation of gonadotropin secretion by neuropeptide Y: role of gonadal steroids. <i>Neuroendocrinology</i> , <b>1993</b> , 58, 129-35	5.6	14



28	Dose-Related Effects of Progesterone and 5 Alpha-Dihydroprogesterone upon Estrogen-Induced Prolactin Release. <i>Journal of Neuroendocrinology</i> , <b>1990</b> , 2, 341-5	3.8	13
27	Evidence that progesterone modulates anterior pituitary neuropeptide Y levels during the progesterone-induced gonadotropin surge in the estrogen-primed intact immature female rat. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1995</b> , 52, 497-504	5.1	12
26	Acetylated $\beta$ Tubulin Regulated by N-Acetyl-Seryl-Aspartyl-Lysyl-Proline(Ac-SDKP) Exerts the Anti-fibrotic Effect in Rat Lung Fibrosis Induced by Silica. <i>Scientific Reports</i> , <b>2016</b> , 6, 32257	4.9	12
25	Swimming improves cognitive reserve in ovariectomized rats and enhances neuroprotection after global cerebral ischemia. <i>Brain Research</i> , <b>2018</b> , 1692, 110-117	3.7	12
24	NADPH oxidase 2 deletion enhances neurogenesis following traumatic brain injury. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 123, 62-71	7.8	11
23	PELP1: a key mediator of oestrogen signalling and actions in the brain. <i>Journal of Neuroendocrinology</i> , <b>2018</b> , 30, e12484	3.8	10
22	Curriculum development and technology incorporation in teaching neuroscience to graduate students in a medical school environment. <i>American Journal of Physiology - Advances in Physiology Education</i> , <b>2006</b> , 30, 38-45	1.9	9
21	Role of the progesterone receptor in restrained glutamic acid decarboxylase gene expression in the hypothalamus during the preovulatory luteinizing hormone surge. <i>Neuroendocrinology</i> , <b>2002</b> , 76, 283-9	5.6	9
20	Presence of NMDA Receptor mRNA in the Anterior Pituitary of the Female Rat: Steroid Modulation and Changes during Gonadotropin Surge Induction. <i>Molecular and Cellular Neurosciences</i> , <b>1993</b> , 4, 571-5	4.8	9
19	Corticosteroid regulation of gonadotropin secretion and induction of ovulation in the rat. <i>Experimental Biology and Medicine</i> , <b>1990</b> , 193, 176-80	3.7	9
18	Similarities and differences in progesterone and androgens in modulation of LH, FSH and PRL release: unexpected properties of flutamide. <i>The Journal of Steroid Biochemistry</i> , <b>1990</b> , 36, 287-94		8
17	Basic fibroblast growth factor induces TGF-beta release in an isoform and glioma-specific manner. <i>NeuroReport</i> , <b>2002</b> , 13, 239-41	1.7	7
16	Brain-derived estrogen and neural function. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> ,	9	7
15	Role of 5 alpha-reduction in progesterone's ability to release FSH in estrogen-primed ovariectomized rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>1992</b> , 42, 875-82	5.1	6
14	Expression of aromatase and synthesis of sex steroid hormones in skeletal muscle following exercise training in ovariectomized rats. <i>Steroids</i> , <b>2019</b> , 143, 91-96	2.8	5
13	Activation of the kinin system in the ovary during ovulation: role of endogenous progesterone. <i>BMC Physiology</i> , <b>2002</b> , 2, 7	0	5
12	PELP1 promotes glioblastoma progression by enhancing Wnt/ $\beta$ catenin signaling. <i>Neuro-Oncology Advances</i> , <b>2019</b> , 1, vdz042	0.9	5
11	Progesterone: the forgotten hormone?. <i>Perspectives in Biology and Medicine</i> , <b>1993</b> , 36, 642-53	1.5	4

10	Progesterone and corticosteroid regulation of hypothalamic and pituitary opioid content during LH surge induction. <i>Molecular and Cellular Neurosciences</i> , <b>1992</b> , 3, 191-8	4.8	4
9	Influence of the interaction between Ac-SDKP and Ang II on the pathogenesis and development of silicotic fibrosis. <i>Molecular Medicine Reports</i> , <b>2018</b> , 17, 7467-7476	2.9	3
8	Photobiomodulation prevents PTSD-like memory impairments in rats. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	3
7	Ganglioside GD3 is up-regulated in microglia and regulates phagocytosis following global cerebral ischemia. <i>Journal of Neurochemistry</i> , <b>2021</b> , 158, 737-752	6	3
6	Surgical menopause enhances hippocampal amyloidogenesis following global cerebral ischemia. <i>Journal of Sport and Health Science</i> , <b>2014</b> , 3, 206-216	8.2	1
5	Non-invasive photobiomodulation treatment in an Alzheimer Disease-like transgenic rat model.. <i>Theranostics</i> , <b>2022</b> , 12, 2205-2231	12.1	1
4	Long-term exercise pre-training attenuates Alzheimer's disease-related pathology in a transgenic rat model of Alzheimer's disease.. <i>GeroScience</i> , <b>2022</b> , 1	8.9	0
3	Regulation and Role of Neuron-Derived Hemoglobin in the Mouse Hippocampus. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5360	6.3	0
2	CURRICULUM DESIGN AND TECHNOLOGY INCORPORATION IN TEACHING NEUROSCIENCE TO GRADUATE STUDENTS. <i>FASEB Journal</i> , <b>2006</b> , 20, A432	0.9	
1	NETRIN-1 SIGNALING AND GnRH NEURONAL MIGRATION. <i>Biology of Reproduction</i> , <b>2007</b> , 77, 134-134	3.9	