Raphael Escorsim Szawka

List of Publications by Year
in descending order

84	1,644	279798 23	361022 35
papers	citations	h-index	g-index

85	85	85	1890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	17Î²-Estradiol replacement in young, adult and middle-aged female ovariectomized rats promotes improvement of spatial reference memory and an antidepressant effect and alters monoamines and BDNF levels in memory- and depression-related brain areas. Behavioural Brain Research, 2012, 227, 100-108.	2.2	112
2	Prolactin Regulates Kisspeptin Neurons in the Arcuate Nucleus to Suppress LH Secretion in Female Rats. Endocrinology, 2014, 155, 1010-1020.	2.8	98
3	Kisspeptin Regulates Prolactin Release through Hypothalamic Dopaminergic Neurons. Endocrinology, 2010, 151, 3247-3257.	2.8	84
4	Locus Coeruleus Mediates Cold Stress-Induced Polycystic Ovary in Rats. Endocrinology, 2008, 149, 2907-2916.	2.8	53
5	Evaluation of chronic omega-3 fatty acids supplementation on behavioral and neurochemical alterations in 6-hydroxydopamine-lesion model of Parkinson's disease. Neuroscience Research, 2010, 66, 256-264.	1.9	52
6	Release of Norepinephrine in the Preoptic Area Activates Anteroventral Periventricular Nucleus Neurons and Stimulates the Surge of Luteinizing Hormone. Endocrinology, 2013, 154, 363-374.	2.8	52
7	Ovarianâ€Steroid Modulation of Locus Coeruleus Activity in Female Rats: Involvement in Luteinising Hormone Regulation. Journal of Neuroendocrinology, 2009, 21, 629-639.	2.6	41
8	Neonatal handling and the maternal odor preference in rat pups: Involvement of monoamines and cyclic AMP response element-binding protein pathway in the olfactory bulb. Neuroscience, 2009, 159, 31-38.	2.3	41
9	Kisspeptin Regulates Tuberoinfundibular Dopaminergic Neurones and Prolactin Secretion in an Oestradiolâ€Dependent Manner in Male and Female Rats. Journal of Neuroendocrinology, 2015, 27, 88-99.	2.6	41
10	Acute Suppression of LH Secretion by Prolactin in Female Mice Is Mediated by Kisspeptin Neurons in the Arcuate Nucleus. Endocrinology, 2019, 160, 1323-1332.	2.8	41
11	Muscarinic acetylcholine neurotransmission enhances the late-phase of long-term potentiation in the hippocampalâ€“prefrontal cortex pathway of rats in vivo: A possible involvement of monoaminergic systems. Neuroscience, 2008, 153, 1309-1319.	2.3	36
12	Oestrogen regulates bone resorption and cytokine production in the maxillae of female mice. Archives of Oral Biology, 2015, 60, 333-341.	1.8	34
13	Selective post-training time window for memory consolidation interference of cannabidiol into the prefrontal cortex: Reduced dopaminergic modulation and immediate gene expression in limbic circuits. Neuroscience, 2017, 350, 85-93.	2.3	32
14	Evaluation of Estrogen Neuroprotective Effect on Nigrostriatal Dopaminergic Neurons Following 6-Hydroxydopamine Injection into the Substantia Nigra Pars Compacta or the Medial Forebrain Bundle. Neurochemical Research, 2008, 33, 1238-1246.	3.3	31
15	Auditory stimulation by exposure to melodic music increases dopamine and serotonin activities in rat forebrain areas linked to reward and motor control. Neuroscience Letters, 2018, 673, 73-78.	2.1	28
16	Tyrosine Hydroxylase Neurons Regulate Growth Hormone Secretion via Short-Loop Negative Feedback. Journal of Neuroscience, 2020, 40, 4309-4322.	3.6	28
17	Î±-Estrogen and Progesterone Receptors Modulate Kisspeptin Effects on Prolactin: Role in Estradiol-Induced Prolactin Surge in Female Rats. Endocrinology, 2017, 158, 1812-1826.	2.8	27
18	Noradrenaline Release in the Medial Preoptic Area During the Rat Oestrous Cycle: Temporal Relationship with Plasma Secretory Surges of Prolactin and Luteinising Hormone. Journal of Neuroendocrinology, 2007, 19, 374-382.	2.6	26

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19	Intrinsic exercise capacity is related to differential monoaminergic activity in the rat forebrain. Brain Research Bulletin, 2015, 112, 7-13.	3.0	25
20	Osteoprotective Effects of Estrogen in the Maxillary Bone Depend on ERÎ±. Journal of Dental Research, 2016, 95, 689-696.	5.2	25
21	The time course of aggressive behaviour in juvenile matrinxÃ£ Brycon amazonicus fed with dietary Lâ€tryptophan supplementation. Journal of Fish Biology, 2014, 84, 45-57.	1.6	24
22	A method to study preovulatory surges of gonadotropins. Brain Research Protocols, 2003, 12, 41-48.	1.6	23
23	Pargyline effect on luteinizing hormone secretion throughout the rat estrous cycle: Correlation with serotonin, catecholamines and nitric oxide in the medial preoptic area. Brain Research, 2007, 1142, 37-45.	2.2	23
24	Lesion of the subthalamic nucleus reverses motor deficits but not death of nigrostriatal dopaminergic neurons in a rat 6-hydroxydopamine-lesion model of Parkinson's disease. Brazilian Journal of Medical and Biological Research, 2010, 43, 85-95.	1.5	23
25	Ovarian Steroids But Not the Locus Coeruleus Regulate Stress-Induced Prolactin Secretion in Female Rats. Journal of Neuroendocrinology, 2006, 18, 938-948.	2.6	22
26	Counteraction by Nitric Oxide Synthase Inhibitor of Neurochemical Alterations of Dopaminergic System in 6-OHDA-Lesioned Rats Under l-DOPA Treatment. Neurotoxicity Research, 2014, 25, 33-44.	2.7	22
27	Ventilatory, metabolic, and thermal responses to hypercapnia in female rats: effects of estrous cycle, ovariectomy, and hormonal replacement. Journal of Applied Physiology, 2015, 119, 61-68.	2.5	22
28	Influence of estrous cycle hormonal fluctuations and gonadal hormones on the ventilatory response to hypoxia in female rats. Pflugers Archiv European Journal of Physiology, 2017, 469, 1277-1286.	2.8	22
29	Effect of Different Doses of Estrogen on the Nigrostriatal Dopaminergic System in Two 6-Hydroxydopamine-Induced Lesion Models of Parkinsonâ€™s Disease. Neurochemical Research, 2011, 36, 955-961.	3.3	21
30	Lactation induces increases in the RANK/RANKL/OPG system in maxillary bone. Bone, 2018, 110, 160-169.	2.9	21
31	Prolactin secretory surge during estrus coincides with increased dopamine activity in the hypothalamus and preoptic area and is not altered by ovariectomy on proestrus. Brain Research Bulletin, 2007, 73, 127-134.	3.0	20
32	Locus Coeruleus Norepinephrine Regulates the Surge of Prolactin During Oestrus. Journal of Neuroendocrinology, 2005, 17, 639-648.	2.6	19
33	Effects of Neonatal Handling on Central Noradrenergic and Nitric Oxidergic Systems and Reproductive Parameters in Female Rats. Neuroendocrinology, 2008, 87, 151-159.	2.5	19
34	Serotonergic mechanisms on breathing modulation in the rat locus coeruleus. Pflugers Archiv European Journal of Physiology, 2010, 459, 357-368.	2.8	18
35	ST2 regulates bone loss in a siteâ€dependent and estrogenâ€dependent manner. Journal of Cellular Biochemistry, 2018, 119, 8511-8521.	2.6	18
36	Hypothalamic Effects of Tamoxifen on Oestrogen Regulation of Luteinising Hormone and Prolactin Secretion in Female Rats. Journal of Neuroendocrinology, 2016, 28, .	2.6	17

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37	Role of the locus coeruleus in the prolactin secretion of female rats. Brain Research Bulletin, 2004, 63, 331-338.	3.0	16
38	Stress in Neonatal Rats with Different Maternal Care Backgrounds: Monoaminergic and Hormonal Responses. Neurochemical Research, 2014, 39, 2351-2359.	3.3	16
39	Central blockade of nitric oxide transmission impairs exercise-induced neuronal activation in the PVN and reduces physical performance. Brain Research Bulletin, 2014, 108, 80-87.	3.0	16
40	Estradiol Potentiates But Is Not Essential for Prolactin-Induced Suppression of Luteinizing Hormone Pulses in Female Rats. Endocrinology, 2020, 161, .	2.8	16
41	Kisspeptin Stimulation of Prolactin Secretion Requires Kiss1 Receptor but Not in Tuberoinfundibular Dopaminergic Neurons. Endocrinology, 2019, 160, 522-533.	2.8	15
42	Estrogen protects dental roots from orthodontic-induced inflammatory resorption. Archives of Oral Biology, 2020, 117, 104820.	1.8	15
43	Pro-neurogenic effect of fluoxetine in the olfactory bulb is concomitant to improvements in social memory and depressive-like behavior of socially isolated mice. Translational Psychiatry, 2020, 10, 33.	4.8	15
44	Prenatal stress produces sex differences in nest odor preference. Physiology and Behavior, 2012, 105, 850-855.	2.1	14
45	The improvement of exercise performance by physical training is related to increased hypothalamic neuronal activation. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 116-124.	1.9	14
46	Cervical stimulation activates A1 and locus coeruleus neurons that project to the paraventricular nucleus of the hypothalamus. Brain Research Bulletin, 2012, 88, 566-573.	3.0	13
47	Transitory Activation of the Central and Ovarian Norepinephrine Systems During Cold Stressâ€Induced Polycystic Ovary in Rats. Journal of Neuroendocrinology, 2013, 25, 23-33.	2.6	13
48	A secondary surge of prolactin on the estrus afternoon. Life Sciences, 2004, 75, 911-922.	4.3	12
49	Alphaâ€Oestrogen and Progestin Receptor Expression in the Hypothalamus and Preoptic Area Dopaminergic Neurones During Oestrous in Cycling Rats. Journal of Neuroendocrinology, 2008, 20, 110-119.	2.6	12
50	Rats with higher intrinsic exercise capacities exhibit greater preoptic dopamine levels and greater mechanical and thermoregulatory efficiencies while running. Journal of Applied Physiology, 2019, 126, 393-402.	2.5	12
51	The time-course of thermoregulatory responses during treadmill running is associated with running duration-dependent hypothalamic neuronal activation in rats. Brain Structure and Function, 2019, 224, 2775-2786.	2.3	12
52	Developmental Exposure to the Flame Retardant Mixture Firemaster 550 Compromises Adult Bone Integrity in Male but not Female Rats. International Journal of Molecular Sciences, 2020, 21, 2553.	4.1	12
53	Intrinsic exercise capacity in rats influences dopamine neuroplasticity induced by physical training. Journal of Applied Physiology, 2017, 123, 1721-1729.	2.5	11
54	Effects of the Isolated and Combined Ablation of Growth Hormone and IGF-1 Receptors in Somatostatin Neurons. Endocrinology, 2022, 163, .	2.8	11

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55	Nitric oxide synthase inhibitors improve prepulse inhibition responses of Wistar rats. Behavioural Brain Research, 2011, 217, 416-423.	2.2	10
56	Role of sex hormones in hypercapnia-induced activation of the locus coeruleus in female and male rats. Neuroscience, 2016, 313, 36-45.	2.3	10
57	Participation of locus coeruleus in breathing control in female rats. Respiratory Physiology and Neurobiology, 2017, 245, 29-36.	1.6	10
58	Reduced dopaminergic tone during lactation is permissive to the hypothalamic stimulus for suckling‐induced prolactin release. Journal of Neuroendocrinology, 2020, 32, e12880.	2.6	10
59	Noradrenaline Involvement in the Negative‐Feedback Effects of Ovarian Steroids on Luteinising Hormone Secretion. Journal of Neuroendocrinology, 2009, 21, 805-812.	2.6	9
60	Reduced Vesicular Acetylcholine Transporter favors antidepressant behaviors and modulates serotonin and dopamine in female mouse brain. Behavioural Brain Research, 2017, 330, 127-132.	2.2	9
61	l-Dopa treatment during perinatal development leads to different behavioral alterations in female vs. male juvenile Swiss mice. Pharmacology Biochemistry and Behavior, 2018, 173, 1-14.	2.9	9
62	Kisspeptin and Prolactin. Seminars in Reproductive Medicine, 2019, 37, 093-104.	1.1	9
63	Molecular basis of Period 1 regulation by adrenergic signaling in the heart. FASEB Journal, 2021, 35, e21886.	0.5	9
64	Growth hormone receptor in dopaminergic neurones regulates stress‐induced prolactin release in male mice. Journal of Neuroendocrinology, 2021, 33, e12957.	2.6	8
65	Maternal hypothyroidism reduces the expression of the kisspeptin/Kiss1r system in the maternal-fetal interface of rats. Reproductive Biology, 2022, 22, 100615.	1.9	7
66	Kisspeptin Treatment Restores Ovarian Function in Rats with Hypothyroidism. Thyroid, 2022, 32, 1568-1579.	4.5	7
67	Ablation of Growth Hormone Receptor in GABAergic Neurons Leads to Increased Pulsatile Growth Hormone Secretion. Endocrinology, 2022, 163, .	2.8	7
68	Social interaction masking contributes to changes in the activity of the suprachiasmatic nucleus and impacts on circadian rhythms. Physiology and Behavior, 2021, 237, 113420.	2.1	6
69	The role of testosterone in the respiratory and thermal responses to hypoxia and hypercapnia in rats. Journal of Endocrinology, 2020, 247, 101-114.	2.6	6
70	Embryonic Thermal Manipulation Affects Ventilation, Metabolism, Thermal Control and Central Dopamine in Newly Hatched and Juvenile Chicks. Frontiers in Physiology, 2021, 12, 699142.	2.8	5
71	Impaired thermoregulation in spontaneously hypertensive rats during physical exercise is related to reduced hypothalamic neuronal activation. Pflugers Archiv European Journal of Physiology, 2020, 472, 1757-1768.	2.8	4
72	Morphological plasticity of the tuberoinfundibular dopaminergic neurones in the rat during the oestrous cycle and lactation. Journal of Neuroendocrinology, 2020, 32, e12884.	2.6	4

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73	Increased cholinergic activity under conditions of low estrogen leads to adverse cardiac remodeling. American Journal of Physiology - Cell Physiology, 2021, 320, C602-C612.	4.6	4
74	Inhibition of nNOS in the paraventricular nucleus of hypothalamus decreases exercise-induced hyperthermia. Brain Research Bulletin, 2021, 177, 64-72.	3.0	4
75	GATA-1 mutation alters the spermatogonial phase and steroidogenesis in adult mouse testis. Molecular and Cellular Endocrinology, 2022, 542, 111519.	3.2	4
76	Hypothalamic Expression of Estrogen Receptor Isoforms Underlies Estradiol Control of Luteinizing Hormone in Female Rats. Endocrinology, 2022, 163, .	2.8	4
77	Activity of Hypothalamic Dopaminergic Neurones During the Day of Oestrus: Involvement in Prolactin Secretion. Journal of Neuroendocrinology, 2010, 22, 1052-1060.	2.6	2
78	Role of the locus coeruleus in the prolactin secretion of female rats. Brain Research Bulletin, 2004, 63, 331-331.	3.0	0
79	P.5.d.003 Decreased striatal dopamine turnover following administration of 7-nitroindazole to rats with L-DOPA-induced dyskinesia. European Neuropsychopharmacology, 2009, 19, S630-S631.	0.7	0
80	Role of kisspeptin and its therapeutic potential in fetoplacental dysfunction of hypothyroid rats. Placenta, 2019, 83, e43-e44.	1.5	0
81	Serotonergic neurotransmission in the locus coeruleus modulates hypercapnic ventilatory response. FASEB Journal, 2009, 23, 621.7.	0.5	0
82	Participation of Locus coeruleus (LC) noradrenergic neurons on breathing in female rats. FASEB Journal, 2012, 26, 894.9.	0.5	0
83	Effects of physical training on neuronal hypothalamic activation induced by exercise. FASEB Journal, 2012, 26, 1142.31.	0.5	0
84	Neuronal cholinergic signaling constrains norepinephrine activity in the heart. American Journal of Physiology - Cell Physiology, 2022, 322, C794-C801.	4.6	0