

Jackson Bittencourt

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105
papers

6,205
citations

30
h-index

78
g-index

112
ext. papers

6,813
ext. citations

4.2
avg, IF

5.44
L-index

#	Paper	IF	Citations
105	Urocortin, a mammalian neuropeptide related to fish urotensin I and to corticotropin-releasing factor. <i>Nature</i> , 1995 , 378, 287-92	50.4	1328
104	The melanin-concentrating hormone system of the rat brain: an immuno- and hybridization histochemical characterization. <i>Journal of Comparative Neurology</i> , 1992 , 319, 218-45	3.4	912
103	Distribution of mRNAs encoding CRF receptors in brain and pituitary of rat and mouse. <i>Journal of Comparative Neurology</i> , 2000 , 428, 191-212	3.4	875
102	Urocortin Expression in Rat Brain: Evidence Against a Pervasive Relationship of Urocortin-Containing Projections With Targets Bearing Type 2 CRF Receptors. <i>Journal of Comparative Neurology</i> , 1999 , 415, 285-312	3.4	311
101	Do centrally administered neuropeptides access cognate receptors?: an analysis in the central corticotropin-releasing factor system. <i>Journal of Neuroscience</i> , 2000 , 20, 1142-56	6.6	303
100	Dopamine: Functions, Signaling, and Association with Neurological Diseases. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 31-59	4.6	218
99	The Edinger-Westphal nucleus: a historical, structural, and functional perspective on a dichotomous terminology. <i>Journal of Comparative Neurology</i> , 2011 , 519, 1413-34	3.4	142
98	Inhibin beta, somatostatin, and enkephalin immunoreactivities coexist in caudal medullary neurons that project to the paraventricular nucleus of the hypothalamus. <i>Journal of Comparative Neurology</i> , 1990 , 291, 269-80	3.4	119
97	The ventral premammillary nucleus links fasting-induced changes in leptin levels and coordinated luteinizing hormone secretion. <i>Journal of Neuroscience</i> , 2009 , 29, 5240-50	6.6	97
96	Anatomical organization of the melanin-concentrating hormone peptide family in the mammalian brain. <i>General and Comparative Endocrinology</i> , 2011 , 172, 185-97	3	95
95	Melanin-concentrating hormone and neuropeptide EI projections from the lateral hypothalamic area and zona incerta to the medial septal nucleus and spinal cord: a study using multiple neuronal tracers. <i>Brain Research</i> , 1998 , 805, 1-19	3.7	86
94	Distribution and origins of substance P-immunoreactive projections to the paraventricular and supraoptic nuclei: partial overlap with ascending catecholaminergic projections. <i>Journal of Chemical Neuroanatomy</i> , 1991 , 4, 63-78	3.2	83
93	Hypothalamic cocaine- and amphetamine-regulated transcript neurons project to areas expressing gonadotropin releasing hormone immunoreactivity and to the anteroventral periventricular nucleus in male and female rats. <i>Neuroscience</i> , 2004 , 125, 735-48	3.9	77
92	Urocortin in the central nervous system of a primate (<i>Cebus apella</i>): sequencing, immunohistochemical, and hybridization histochemical characterization. <i>Journal of Comparative Neurology</i> , 2003 , 463, 157-75	3.4	67
91	Teneurin proteins possess a carboxy terminal sequence with neuromodulatory activity. <i>Molecular Brain Research</i> , 2005 , 133, 253-65		62
90	The Melanin-Concentrating Hormone as an Integrative Peptide Driving Motivated Behaviors. <i>Frontiers in Systems Neuroscience</i> , 2017 , 11, 32	3.5	56
89	Selective protection of the cerebellum against intracerebroventricular LPS is mediated by local melatonin synthesis. <i>Brain Structure and Function</i> , 2015 , 220, 827-40	4	53

88	Connectivity pattern suggests that incerto-hypothalamic area belongs to the medial hypothalamic system. <i>Neuroscience</i> , 2007 , 148, 949-69	3.9	52
87	Chemical identity and connections of medial preoptic area neurons expressing melanin-concentrating hormone during lactation. <i>Journal of Chemical Neuroanatomy</i> , 2010 , 39, 51-62	3.2	50
86	Study of the origins of melanin-concentrating hormone and neuropeptide EI immunoreactive projections to the periaqueductal gray matter. <i>Brain Research</i> , 1997 , 755, 255-71	3.7	46
85	Male and female odors induce Fos expression in chemically defined neuronal population. <i>Physiology and Behavior</i> , 2010 , 99, 67-77	3.5	43
84	Profound degeneration of wake-promoting neurons in Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2019 , 15, 1253-1263	1.2	41
83	Melanin-concentrating hormone projections to areas involved in somatomotor responses. <i>Journal of Chemical Neuroanatomy</i> , 2008 , 35, 188-201	3.2	41
82	Female odors stimulate CART neurons in the ventral premammillary nucleus of male rats. <i>Physiology and Behavior</i> , 2006 , 88, 160-6	3.5	40
81	Neuronal expression of Cd36, Cd44, and Cd83 antigen transcripts maps to distinct and specific murine brain circuits. <i>Journal of Comparative Neurology</i> , 2009 , 517, 906-24	3.4	39
80	IKK β is key to induction of insulin resistance in the hypothalamus, and its inhibition reverses obesity. <i>Diabetes</i> , 2014 , 63, 3334-45	0.9	34
79	Evidence that urocortin is absent from neurons of the Edinger-Westphal nucleus in pigeons. <i>Brazilian Journal of Medical and Biological Research</i> , 2003 , 36, 1695-700	2.8	33
78	Distribution of melanin-concentrating hormone neurons projecting to the medial mammillary nucleus. <i>Neuroscience</i> , 2002 , 115, 899-915	3.9	33
77	The distribution of melanin-concentrating hormone in the monkey brain (<i>Cebus apella</i>). <i>Brain Research</i> , 1998 , 804, 140-3	3.7	32
76	Melanin-concentrating hormone and sleep. <i>Current Opinion in Neurobiology</i> , 2017 , 44, 152-158	7.6	31
75	The centrally projecting Edinger-Westphal nucleus--I: Efferents in the rat brain. <i>Journal of Chemical Neuroanatomy</i> , 2015 , 68, 22-38	3.2	30
74	The periaqueductal gray as a critical site to mediate reward seeking during predatory hunting. <i>Behavioural Brain Research</i> , 2012 , 226, 32-40	3.4	30
73	Expression of hypothalamic neuropeptides and the desensitization of pituitary-adrenal axis and hypophagia in the endotoxin tolerance. <i>Hormones and Behavior</i> , 2007 , 52, 508-19	3.7	30
72	The absence of maternal pineal melatonin rhythm during pregnancy and lactation impairs offspring physical growth, neurodevelopment, and behavior. <i>Hormones and Behavior</i> , 2018 , 105, 146-156	3.7	30
71	Distribution of urocortin 3 neurons innervating the ventral premammillary nucleus in the rat brain. <i>Brain Research</i> , 2006 , 1089, 116-25	3.7	27

70	Dopamine and melanin-concentrating hormone neurons are distinct populations in the rat rostromedial zona incerta. <i>Brain Research</i> , 2003 , 970, 232-7	3.7	27
69	Anatomy, function and regulation of neuropeptide EI (NEI). <i>Peptides</i> , 2008 , 29, 1441-50	3.8	25
68	Forebrain projections to brainstem nuclei involved in the control of mandibular movements in rats. <i>European Journal of Oral Sciences</i> , 2009 , 117, 676-84	2.3	23
67	Melanin-concentrating hormone is expressed in the laterodorsal tegmental nucleus only in female rats. <i>Brain Research Bulletin</i> , 2007 , 74, 21-8	3.9	23
66	mRNA expression of corticotropin-releasing factor and urocortin 1 after restraint and foot shock together with alprazolam administration. <i>Peptides</i> , 2010 , 31, 2200-8	3.8	21
65	Leptin fragments induce Fos immunoreactivity in rat hypothalamus. <i>Regulatory Peptides</i> , 2005 , 127, 123-32		21
64	The role of co-neurotransmitters in sleep and wake regulation. <i>Molecular Psychiatry</i> , 2019 , 24, 1284-1295	5.1	21
63	The non-coding RNA BC1 is down-regulated in the hippocampus of Wistar Audiogenic Rat (WAR) strain after audiogenic kindling. <i>Brain Research</i> , 2011 , 1367, 114-21	3.7	20
62	Afferent connections of the caudal raphe pallidus nucleus in rats: a study using the fluorescent retrograde tracers fluorogold and true-blue. <i>Annals of Anatomy</i> , 2000 , 182, 35-45	2.9	20
61	Alternative pathways for catecholamine action in oral motor control. <i>Neuroscience Letters</i> , 2005 , 386, 34-9	3.3	19
60	The Edinger-Westphal nucleus II: Hypothalamic afferents in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2013 , 54, 5-19	3.2	18
59	Hypothalamic melanin-concentrating hormone projections to the septo-hippocampal complex in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2013 , 47, 1-14	3.2	18
58	Isolation and chemical characterization of PwTx-II: a novel alkaloid toxin from the venom of the spider <i>Parawixia bistriata</i> (Araneidae, Araneae). <i>Toxicon</i> , 2005 , 46, 786-96	2.8	18
57	CRF type 1 receptors of the medial amygdala modulate inhibitory avoidance responses in the elevated T-maze. <i>Hormones and Behavior</i> , 2014 , 65, 195-202	3.7	17
56	Direct and indirect connections between cochlear root neurons and facial motor neurons: pathways underlying the acoustic pinna reflex in the albino rat. <i>Journal of Comparative Neurology</i> , 2008 , 507, 1763-79	3.4	17
55	Neuropeptide glutamic acid-isoleucine may induce luteinizing hormone secretion via multiple pathways. <i>Neuroendocrinology</i> , 2006 , 83, 313-24	5.6	17
54	Diencephalic origins of melanin-concentrating hormone immunoreactive projections to medial septum/diagonal band complex and spinal cord using two retrograde fluorescent tracers. <i>Annals of the New York Academy of Sciences</i> , 1993 , 680, 462-5	6.5	17
53	Suckling-induced Fos activation and melanin-concentrating hormone immunoreactivity during late lactation. <i>Life Sciences</i> , 2016 , 148, 241-6	6.8	16

52	Distribution of the neuronal inputs to the ventral premammillary nucleus of male and female rats. <i>Brain Research</i> , 2014 , 1582, 77-90	3.7	16
51	Differential effects of undernourishment on the differentiation and maturation of rat enteric neurons. <i>Cell and Tissue Research</i> , 2013 , 353, 367-80	4.2	15
50	Differential neuronal expression and projections of melanin-concentrating hormone (MCH) and MCH-gene-overprinted-polypeptide (MGOP) in the rat brain. <i>European Journal of Neuroscience</i> , 2000 , 12, 4367-80	3.5	15
49	Melanin-concentrating hormone peptidergic system: Comparative morphology between muroid species. <i>Journal of Comparative Neurology</i> , 2019 , 527, 2973-3001	3.4	14
48	Melanin-concentrating hormone inputs to the nucleus accumbens originate from distinct hypothalamic sources and are apposed to GABAergic and cholinergic cells in the Long-Evans rat brain. <i>Neuroscience</i> , 2015 , 289, 392-405	3.9	14
47	Increased expression of GluR2-flip in the hippocampus of the Wistar audiogenic rat strain after acute and kindled seizures. <i>Hippocampus</i> , 2010 , 20, 125-33	3.5	14
46	The Melanin-Concentrating Hormone (MCH) System: A Tale of Two Peptides. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1280	5.1	13
45	Dorsomedial hypothalamus CRF type 1 receptors selectively modulate inhibitory avoidance responses in the elevated T-maze. <i>Behavioural Brain Research</i> , 2014 , 271, 249-57	3.4	13
44	Litter size determines the number of melanin-concentrating hormone neurons in the medial preoptic area of Sprague Dawley lactating dams. <i>Physiology and Behavior</i> , 2017 , 181, 75-79	3.5	12
43	Ciliary melanin-concentrating hormone receptor 1 (MCHR1) is widely distributed in the murine CNS in a sex-independent manner. <i>Journal of Neuroscience Research</i> , 2020 , 98, 2045-2071	4.4	11
42	Effect of intrahippocampal administration of anti-melanin-concentrating hormone on spatial food-seeking behavior in rats. <i>Peptides</i> , 2016 , 76, 130-8	3.8	11
41	The activation and blockage of CRF type 2 receptors of the medial amygdala alter elevated T-maze inhibitory avoidance, an anxiety-related response. <i>Behavioural Brain Research</i> , 2016 , 305, 191-7	3.4	11
40	CRF family peptides are differently altered by acute restraint stress and chronic unpredictable stress. <i>Behavioural Brain Research</i> , 2014 , 271, 302-8	3.4	10
39	Cdc2-like kinase 2 in the hypothalamus is necessary to maintain energy homeostasis. <i>International Journal of Obesity</i> , 2017 , 41, 268-278	5.5	9
38	Hypo- and hyperthyroidism affect NEI concentration in discrete brain areas of adult male rats. <i>Peptides</i> , 2011 , 32, 1249-54	3.8	8
37	Distribution of NADPH-diaphorase-positive neurons in the prefrontal cortex of the Cebus monkey. <i>Brain Research</i> , 2006 , 1083, 118-33	3.7	8
36	Regulation and neurochemical identity of melanin-concentrating hormone neurones in the preoptic area of lactating mice. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12818	3.8	8
35	Distribution of growth hormone-responsive cells in the brain of rats and mice. <i>Brain Research</i> , 2021 , 1751, 147189	3.7	8

34	Neuroanatomical Structure of the MCH System 2018 , 1-46		7
33	Characterisation and origins of melanin-concentrating hormone immunoreactive fibres of the posterior lobe of the pituitary and median eminence during lactation in the Long-Evans rat. <i>Journal of Neuroendocrinology</i> , 2019 , 31, e12723	3.8	6
32	Effects of thyroid status on NEI concentration in specific brain areas related to reproduction during the estrous cycle. <i>Peptides</i> , 2013 , 49, 74-80	3.8	6
31	Comparative distribution of cocaine- and amphetamine-regulated transcript (CART) in the hypothalamus of the capuchin monkey (<i>Cebus apella</i>) and the common marmoset (<i>Callithrix jacchus</i>). <i>Brain Research</i> , 2011 , 1425, 47-61	3.7	6
30	Expression profile and distribution of Efhc1 gene transcript during rodent brain development. <i>Journal of Molecular Neuroscience</i> , 2009 , 39, 69-77	3.3	6
29	Effects of acute restraint and unpredictable chronic mild stress on brain corticotrophin releasing factor mRNA in the elevated T-maze. <i>Behavioural Brain Research</i> , 2018 , 337, 139-150	3.4	5
28	Effects of spider venom toxin PWTX-I (6-Hydroxytryptargine) on the central nervous system of rats. <i>Toxins</i> , 2011 , 3, 142-62	4.9	5
27	Differences between rats and mice in the leptin action on the paraventricular nucleus of the hypothalamus: Implications for the regulation of the hypothalamic-pituitary-thyroid axis. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12895	3.8	5
26	Anatomical Organization of Urocortin 3-Synthesizing Neurons and Immunoreactive Terminals in the Central Nervous System of Non-Human Primates [spp.]. <i>Frontiers in Neuroanatomy</i> , 2017 , 11, 57	3.6	4
25	Fasting reduces the number of TRH immunoreactive neurons in the hypothalamic paraventricular nucleus of male rats, but not in mice. <i>Neuroscience Letters</i> , 2021 , 752, 135832	3.3	4
24	The blockage of ventromedial hypothalamus CRF type 2 receptors impairs escape responses in the elevated T-maze. <i>Behavioural Brain Research</i> , 2017 , 329, 41-50	3.4	3
23	Stereological Analysis of Early Gene Expression Using Egr-1 Immunolabeling After Spreading Depression in the Rat Somatosensory Cortex. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1020	5.1	3
22	The tale of a person and a peptide: Wylie W. Vale Jr. and the role of corticotropin-releasing factor in the stress response. <i>Journal of Chemical Neuroanatomy</i> , 2013 , 54, 1-4	3.2	3
21	Behavioral alterations and Fos protein immunoreactivity in brain regions of bile duct-ligated cirrhotic rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 331-493	1.4	3
20	The weaning period promotes alterations in the orexin neuronal population of rats in a suckling-dependent manner. <i>Brain Structure and Function</i> , 2018 , 223, 3739-3755	4	2
19	Morphological and Cellular Characterization of the Fetal Canine (<i>Canis lupus familiaris</i>) Subventricular Zone, Rostral Migratory Stream, and Olfactory Bulb. <i>Anatomical Record</i> , 2018 , 301, 1570-1584	2.1	2
18	A Putative Role of Teneurin-2 and Its Related Proteins in Astrocytes. <i>Frontiers in Neuroscience</i> , 2019 , 13, 655	5.1	2
17	Kinin B1 receptor gene ablation affects hypothalamic CART production. <i>Biological Chemistry</i> , 2013 , 394, 901-8	4.5	2

16	Far Lateral Transcondylar Approach for Lesions of the Foramen Magnum. <i>Techniques in Neurosurgery</i> , 2003 , 9, 93-105		2
15	Effects of ovariectomy on inputs from the medial preoptic area to the ventromedial nucleus of the hypothalamus of young adult rats. <i>Journal of Anatomy</i> , 2021 , 238, 467-479	2.9	2
14	Neurons expressing estrogen receptor α differentially innervate the periaqueductal gray matter of female rats. <i>Journal of Chemical Neuroanatomy</i> , 2019 , 97, 33-42	3.2	1
13	Differential effects of hypo- and hyperthyroidism on remodeling of contacts between neurons expressing the neuropeptide EI and tyrosine hydroxylase in hypothalamic areas of the male rat. <i>Peptides</i> , 2019 , 113, 1-10	3.8	1
12	Nomenclature and Comparative Morphology of the Teneurin/TCAP/ADGRL Protein Families. <i>Frontiers in Neuroscience</i> , 2019 , 13, 425	5.1	1
11	Caudal Brainstem Raphe Nuclei: Neural Substrate for their Involvement in the Expression of Some Biological Rhythms. <i>Biological Rhythm Research</i> , 1996 , 27, 245-260	0.8	1
10	The distribution of neuronal primary cilia immunoreactive to melanin-concentrating hormone receptor 1 (MCHR1) in the murine prosencephalon		1
9	The Rat Mammary Gland as a Novel Site of Expression of Melanin-Concentrating Hormone Receptor 1 mRNA and Its Protein Immunoreactivity. <i>Frontiers in Endocrinology</i> , 2020 , 11, 463	5.7	1
8	Perillyl alcohol reduces parasite sequestration and cerebrovascular dysfunction during experimental cerebral malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 ,	5.9	1
7	Norepinephrine and Glucocorticoids Modulate Chronic Unpredictable Stress-Induced Increase in the Type 2 CRF and Glucocorticoid Receptors in Brain Structures Related to the HPA Axis Activation. <i>Molecular Neurobiology</i> , 2021 , 58, 4871-4885	6.2	1
6	Estrogen imprinting compromises male sexual behavior and affects the number of androgen-receptor-expressing hypothalamic neurons <i>Biology of Reproduction</i> , 2019 , 100, 737-744	3.9	0
5	Anatomical and functional heterogeneity of 'hypothalamic' peptidergic neuron populations.. <i>Nature Reviews Endocrinology</i> , 2022 ,	15.2	0
4	0303 Neurobiological Basis of Sleep Disturbances in Tauopathies: Human Wake-Promoting Neurons Degenerate More in Alzheimer's Disease. <i>Sleep</i> , 2019 , 42, A123-A124	1.1	
3	Hypothalamic melanin-concentrating hormone neurons, key sleep cycle modulators, degenerate early in Alzheimer's disease. <i>Alzheimers and Dementia</i> , 2020 , 16, e044677	1.2	
2	Effects of ovariectomy on the inputs from the medial nucleus of the amygdala to the ventromedial nucleus of the hypothalamus in young adult rats. <i>Neuroscience Letters</i> , 2021 , 746, 135657	3.3	
1	Melanin-Concentrating Hormone, Neuropeptide E-I, and MCH Receptor 1. <i>Masterclass in Neuroendocrinology</i> , 2021 , 347-396	0.2	