

Norberto C Coimbra

List of Publications by Year in descending order

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183
papers

4,484
citations

87888

38
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149698

56
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210
all docs

210
docs citations

210
times ranked

2557
citing authors

#	ARTICLE	IF	CITATIONS
1	The activation of D2-like receptors by intranasal dopamine facilitates the extinction of contextual fear and prevents conditioned fear-induced antinociception. <i>Behavioural Brain Research</i> , 2022, 417, 113611.	2.2	8
2	Panic-like responses of female Wistar rats confronted by <i>Bothrops alternatus</i> pit vipers, or exposure to acute hypoxia: Effect of oestrous cycle. <i>European Journal of Neuroscience</i> , 2022, 55, 32-48.	2.6	9
3	Environmental Enrichment Facilitates Anxiety in Conflict-Based Tests but Inhibits Predator Threat-Induced Defensive Behaviour in Male Mice. <i>Neuropsychobiology</i> , 2022, 81, 225-236.	1.9	3
4	Functional activation of the periaqueductal gray matter during conditioned and unconditioned fear in guinea pigs confronted with the <i>Boa constrictor constrictor</i> snake. <i>Brazilian Journal of Medical and Biological Research</i> , 2022, 55, e11542.	1.5	5
5	Ventrolateral periaqueductal gray matter integrative system of defense and antinociception. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 469-480.	2.8	7
6	Context evoked morphine conditioned effects can be equivalent to morphine induced drug effects in terms of behavioral response and ERK activation in reward associated subcortical brain structures. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 214, 173356.	2.9	4
7	Transcranial photobiomodulation changes neuronal morphology in the cerebral cortex of rats. <i>Neuroscience Letters</i> , 2022, 781, 136681.	2.1	3
8	Augmented anandamide signalling in the substantia nigra pars reticulata mediates panicolytic-like effects in mice confronted by <i>Crotalus durissus terrificus</i> pit vipers. <i>Psychopharmacology</i> , 2022, 239, 2753-2769.	3.1	5
9	Lateralization in Hemiparkinsonian Rats Is Affected by either Deep Brain Stimulation or Glutamatergic Neurotransmission in the Inferior Colliculus. <i>ENeuro</i> , 2022, 9, ENEURO.0076-22.2022.	1.9	1
10	Nitric oxide-mediated defensive and antinociceptive responses organised at the anterior hypothalamus of mice are modulated by glutamatergic inputs from area 24b of the cingulate cortex. <i>Journal of Psychopharmacology</i> , 2021, 35, 78-90.	4.0	11
11	An Adapted Chronic Constriction Injury of the Sciatic Nerve Produces Sensory, Affective, and Cognitive Impairments: A Peripheral Mononeuropathy Model for the Study of Comorbid Neuropsychiatric Disorders Associated with Neuropathic Pain in Rats. <i>Pain Medicine</i> , 2021, 22, 338-351.	1.9	16
12	The modulation of striatonigral and nigrotectal pathways by CB1 signalling in the substantia nigra pars reticulata regulates panic elicited in mice by urutu-cruzeiro lancehead pit vipers. <i>Behavioural Brain Research</i> , 2021, 401, 112996.	2.2	13
13	Graphene oxide prevents lateral amygdala dysfunctional synaptic plasticity and reverts long lasting anxiety behavior in rats. <i>Biomaterials</i> , 2021, 271, 120749.	11.4	15
14	Neurotrophin-3 upregulation associated with intravenous transplantation of bone marrow mononuclear cells induces axonal sprouting and motor functional recovery in the long term after neocortical ischaemia. <i>Brain Research</i> , 2021, 1758, 147292.	2.2	0
15	Orexin 1 and 2 Receptors in the Prelimbic Cortex Modulate Threat Valuation. <i>Neuroscience</i> , 2021, 468, 158-167.	2.3	2
16	<i>Acanthoscurria gomesiana</i> spider-derived synthetic mygalin in the dorsal raphe nucleus modulates acute and chronic pain. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22877.	3.0	2
17	Cannabidiol in the prefrontal cortex modulates the comorbid condition between the chronic neuropathic pain and depression-like behaviour in rats: The role of medial prefrontal cortex 5-HT1A and CB1 receptors. <i>Brain Research Bulletin</i> , 2021, 174, 323-338.	3.0	25
18	The primary motor cortex electrical and chemical stimulation attenuates the chronic neuropathic pain by activation of the periaqueductal grey matter: The role of NMDA receptors. <i>Behavioural Brain Research</i> , 2021, 415, 113522.	2.2	8

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19	Morphine reward effects and morphine behavioral sensitization: The adventitious association of morphine activation of brain reward effects with ongoing spontaneous activity. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 209, 173244.	2.9	3
20	Increased body sway in phobic patients exposed to images of spiders. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 477-483.	1.7	0
21	Characterization of the sensory, affective, cognitive, biochemical, and neuronal alterations in a modified chronic constriction injury model of neuropathic pain in mice. <i>Journal of Neuroscience Research</i> , 2020, 98, 338-352.	2.9	30
22	Cannabidiol-induced panicolytic-like effects and fear-induced antinociception impairment: the role of the CB1 receptor in the ventromedial hypothalamus. <i>Psychopharmacology</i> , 2020, 237, 1063-1079.	3.1	8
23	Defensive behaviors and brain regional activation changes in rats confronting a snake. <i>Behavioural Brain Research</i> , 2020, 381, 112469.	2.2	30
24	Low-intensity Photobiomodulation Decreases Neuropathic Pain in Paw Ischemia-Reperfusion and Spared Nervus Ischiadicus Injury Experimental Models. <i>Pain Practice</i> , 2020, 20, 371-386.	1.9	5
25	CB1-cannabinoid-, TRPV1-vanilloid- and NMDA-glutamatergic-receptor-signalling systems interact in the prelimbic cerebral cortex to control neuropathic pain symptoms. <i>Brain Research Bulletin</i> , 2020, 165, 118-128.	3.0	16
26	Repeated exposure of naïve and peripheral nerve-injured mice to a snake as an experimental model of post-traumatic stress disorder and its co-morbidity with neuropathic pain. <i>Brain Research</i> , 2020, 1744, 146907.	2.2	11
27	Endocannabinoid neuromodulation in the neostriatum decreases the GABAergic striato-nigral disinhibitory function and increases the nigro-collicular inhibitory pathway activity. <i>Journal of Neural Transmission</i> , 2020, 127, 1199-1208.	2.8	3
28	Anatomical and clinical implications of vagal modulation of the spleen. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 363-373.	6.1	42
29	Indomethacin attenuates mechanical allodynia during the organization but not the maintenance of the peripheral neuropathic pain induced by nervus ischiadicus chronic constriction injury. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9255.	1.5	5
30	Anandamide in the anterior hypothalamus diminishes defensive responses elicited in mice threatened by <i>Epicrates cenchria constrictor</i> serpents. <i>Acta Neurobiologiae Experimentalis</i> , 2020, 80, 179-191.	0.7	13
31	Preparing for the COVID-19 Mental Health Crisis in Latin America—Using Early Evidence from Countries that Experienced COVID-19 First. <i>Advances in Infectious Diseases</i> , 2020, 10, 40-44.	0.2	6
32	Modelos neuropsicológicos para estudo da dor e das emoções. <i>Psicologia Em Pesquisa</i> , 2020, 14, 66-82.	0.1	0
33	Anandamide in the anterior hypothalamus diminishes defensive responses elicited in mice threatened by <i>Epicrates cenchria constrictor</i> serpents. <i>Acta Neurobiologiae Experimentalis</i> , 2020, 80, 179-191.	0.7	2
34	A new model of experimental hemispherotomy in young adult <i>Rattus norvegicus</i> : a neural tract tracing and SPECT in vivo study. <i>Journal of Neurosurgery</i> , 2019, 130, 1210-1223.	1.6	7
35	N-methyl-d-aspartate Receptors in the Prelimbic Cortex are Critical for the Maintenance of Neuropathic Pain. <i>Neurochemical Research</i> , 2019, 44, 2068-2080.	3.3	24
36	Intranasal dopamine attenuates fear responses induced by electric shock to the foot and by electrical stimulation of the dorsal periaqueductal gray matter. <i>Journal of Psychopharmacology</i> , 2019, 33, 1524-1532.	4.0	7

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37	The Blockade of μ - and δ -Opioid Receptors in the Inferior Colliculus Decreases the Expression of Panic Attack-Like Behaviours Induced by Chemical Stimulation of the Dorsal Midbrain. <i>Neuropsychobiology</i> , 2019, 78, 218-228.	1.9	4
38	The alpha- and beta-noradrenergic receptors blockade in the dorsal raphe nucleus impairs the panic-like response elaborated by medial hypothalamus neurons. <i>Brain Research</i> , 2019, 1725, 146468.	2.2	6
39	Panicolytic-like effect of μ -opioid receptor blockade in the inferior colliculus of prey threatened by <i>Crotalus durissus terrificus</i> pit vipers. <i>Journal of Psychopharmacology</i> , 2019, 33, 577-588.	4.0	14
40	Opposing roles of dorsomedial hypothalamic CB1 and TRPV1 receptors in anandamide signaling during the panic-like response elicited in mice by Brazilian rainbow Boidae snakes. <i>Psychopharmacology</i> , 2019, 236, 1863-1874.	3.1	21
41	Dorsal raphe nucleus 5-Hydroxytryptamine 2A receptors are critical for the organisation of panic attack-like defensive behaviour and unconditioned fear-induced antinociception elicited by the chemical stimulation of superior colliculus neurons. <i>European Neuropsychopharmacology</i> , 2019, 29, 858-870.	0.7	5
42	Understanding the role of dopamine in conditioned and unconditioned fear. <i>Reviews in the Neurosciences</i> , 2019, 30, 325-337.	2.9	26
43	The endogenous opioid system modulates defensive behavior evoked by <i>Crotalus durissus terrificus</i> : Panicolytic-like effect of intracollicular non-selective opioid receptors blockade. <i>Journal of Psychopharmacology</i> , 2019, 33, 51-61.	4.0	17
44	5-Hydroxytryptamine 2A receptors of the dorsal raphe nucleus modulate panic-like behaviours and mediate fear-induced antinociception elicited by neuronal activation in the central nucleus of the inferior colliculus. <i>Behavioural Brain Research</i> , 2019, 357-358, 71-81.	2.2	16
45	The Primary Motor Cortex Stimulation Attenuates Cold Allodynia in a Chronic Peripheral Neuropathic Pain Condition in <i>Rattus norvegicus</i> . <i>World Journal of Neuroscience</i> , 2019, 09, 138-152.	0.1	7
46	The Rodent-versus-wild Snake Paradigm as a Model for Studying Anxiety- and Panic-like Behaviors: Face, Construct and Predictive Validities. <i>Neuroscience</i> , 2018, 369, 336-349.	2.3	36
47	Brain Stimulation Differentially Modulates Nociception and Inflammation in Aversive and Non-aversive Behavioral Conditions. <i>Neuroscience</i> , 2018, 383, 191-204.	2.3	13
48	Neurotoxic lesions of the pedunculo-pontine tegmental nucleus impair the elaboration of postictal antinociception. <i>Physiology and Behavior</i> , 2018, 194, 162-169.	2.1	7
49	Blockade of synaptic activity in the neostriatum and activation of striatal efferent pathways produce opposite effects on panic attack-like defensive behaviours evoked by GABAergic disinhibition in the deep layers of the superior colliculus. <i>Physiology and Behavior</i> , 2018, 196, 104-111.	2.1	7
50	Stimulation of the Nigrotectal Pathway at the Level of the Superior Colliculus Reduces Threat Recognition and Causes a Shift From Avoidance to Approach Behavior. <i>Frontiers in Neural Circuits</i> , 2018, 12, 36.	2.8	29
51	Restricted lesions of the ventrolateral or dorsal columns of the periaqueductal gray promotes distinct effects on tonic immobility and defensive analgesia in guinea pigs. <i>Physiology and Behavior</i> , 2018, 194, 538-544.	2.1	12
52	The Nitric Oxide Donor SIN-1-Produced Panic-Like Behaviour And Fear-Induced Antinociception Are Modulated By NMDA Receptors In The Anterior Hypothalamus. <i>Journal of Psychopharmacology</i> , 2018, 32, 711-722.	4.0	16
53	CB1 cannabinoid receptor-mediated anandamide signalling reduces the defensive behaviour evoked through GABA _A receptor blockade in the dorsomedial division of the ventromedial hypothalamus. <i>Neuropharmacology</i> , 2017, 113, 156-166.	4.1	35
54	μ -Opioid and 5-HT _{1A} receptors in the dorsomedial hypothalamus interact for the regulation of panic-related defensive responses. <i>Journal of Psychopharmacology</i> , 2017, 31, 715-721.	4.0	7

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55	Opioid neurotransmission modulates defensive behavior and fear-induced antinociception in dangerous environments. <i>Neuroscience</i> , 2017, 354, 178-195.	2.3	37
56	Panicolytic-like effects caused by substantia nigra pars reticulata pretreatment with low doses of endomorphin-1 and high doses of CTOP or the NOP receptors antagonist JTC-801 in male <i>Rattus norvegicus</i> . <i>Psychopharmacology</i> , 2017, 234, 3009-3025.	3.1	12
57	Decrease in NMDA receptor-signalling activity in the anterior cingulate cortex diminishes defensive behaviour and unconditioned fear-induced antinociception elicited by GABAergic tonic inhibition impairment in the posterior hypothalamus. <i>European Neuropsychopharmacology</i> , 2017, 27, 1120-1131.	0.7	20
58	Connexions between the dorsomedial division of the ventromedial hypothalamus and the dorsal periaqueductal grey matter are critical in the elaboration of hypothalamically mediated panic-like behaviour. <i>Behavioural Brain Research</i> , 2017, 319, 135-147.	2.2	29
59	5-Hydroxytryptamine 2A/2C receptors of nucleus raphe magnus and gigantocellularis/paragigantocellularis pars \pm reticular nuclei modulate the unconditioned fear-induced antinociception evoked by electrical stimulation of deep layers of the superior colliculus and dorsal periaqueductal grey matter. <i>Behavioural Brain Research</i> , 2017, 316, 294-304.	2.2	25
60	Unravelling cortico-hypothalamic pathways regulating unconditioned fear-induced antinociception and defensive behaviours. <i>Neuropharmacology</i> , 2017, 113, 367-385.	4.1	36
61	Critical neuropsychobiological analysis of panic attack- and anticipatory anxiety-like behaviors in rodents confronted with snakes in polygonal arenas and complex labyrinths: a comparison to the elevated plus- and T-maze behavioral tests. <i>Revista Brasileira De Psiquiatria</i> , 2017, 39, 72-83.	1.7	35
62	New Ethological and Morphological Perspectives for the Investigation of Panicolytic-Like Effects of Cannabidiol. , 2017, , e140-e149.		7
63	Striatonigral-nigrotectal circuits regulate the expression of innate fear responses via cannabinoid receptor type 1 on GABAergic neurons. <i>European Neuropsychopharmacology</i> , 2016, 26, S255-S256.	0.7	0
64	Animal model of paresthesia related to panic disorder. <i>European Neuropsychopharmacology</i> , 2016, 26, S617-S618.	0.7	0
65	The μ 41-opioid receptor and 5-HT2A- and 5HT2C-serotonergic receptors of the locus coeruleus are critical in elaborating hypoalgesia induced by tonic and tonic-clonic seizures. <i>Neuroscience</i> , 2016, 336, 133-145.	2.3	11
66	μ 1-Opioid receptors in the dorsomedial and ventrolateral columns of the periaqueductal grey matter are critical for the enhancement of post-ictal antinociception. <i>Synapse</i> , 2016, 70, 519-530.	1.2	14
67	Nicotinic and muscarinic cholinergic receptors are recruited by acetylcholine-mediated neurotransmission within the locus coeruleus during the organisation of post-ictal antinociception. <i>Brain Research Bulletin</i> , 2016, 127, 74-83.	3.0	5
68	CB1 cannabinoid receptor-mediated anandamide signaling mechanisms of the inferior colliculus modulate the haloperidol-induced catalepsy. <i>Neuroscience</i> , 2016, 337, 17-26.	2.3	13
69	5-Hydroxytryptamine 1A receptors in the dorsomedial hypothalamus connected to dorsal raphe nucleus inputs modulate defensive behaviours and mediate innate fear-induced antinociception. <i>European Neuropsychopharmacology</i> , 2016, 26, 532-545.	0.7	27
70	Dorsal raphe nucleus acetylcholine-mediated neurotransmission modulates post-ictal antinociception: The role of muscarinic and nicotinic cholinergic receptors. <i>Brain Research</i> , 2016, 1631, 80-91.	2.2	4
71	Neuroethological validation of an experimental apparatus to evaluate oriented and non-oriented escape behaviours: Comparison between the polygonal arena with a burrow and the circular enclosure of an open-field test. <i>Behavioural Brain Research</i> , 2016, 298, 65-77.	2.2	29
72	Recruitment of striatonigral disinhibitory and nigrotectal inhibitory GABAergic pathways during the organization of defensive behavior by mice in a dangerous environment with the venomous snake <i>Buthus alternatus</i> (<i>Rhipidolepis</i>), <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 52 Td</i>	1.2	47

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73	Pharmacological evidence for the mediation of the panicolytic effect of fluoxetine by dorsal periaqueductal gray matter δ -opioid receptors. <i>Neuropharmacology</i> , 2015, 99, 620-626.	4.1	19
74	μ - and δ -Opioid receptor activation in the dorsal periaqueductal grey matter differentially modulates panic-like behaviours induced by electrical and chemical stimulation of the inferior colliculus. <i>Brain Research</i> , 2015, 1597, 168-179.	2.2	17
75	Dissociation between the panicolytic effect of cannabidiol microinjected into the substantia nigra, pars reticulata, and fear-induced antinociception elicited by bicuculline administration in deep layers of the superior colliculus: The role of CB1-cannabinoid receptor in the ventral mesencephalon. <i>European Journal of Pharmacology</i> , 2015, 758, 153-163.	3.5	24
76	Endocannabinoid signaling mechanisms in the substantia nigra pars reticulata modulate GABAergic nigroreticular pathways in mice threatened by urutu-cruzeiro venomous pit viper. <i>Neuroscience</i> , 2015, 303, 503-514.	2.3	38
77	Relevance of dorsomedial hypothalamus, dorsomedial division of the ventromedial hypothalamus and the dorsal periaqueductal gray matter in the organization of freezing or oriented and non-oriented escape emotional behaviors. <i>Behavioural Brain Research</i> , 2015, 293, 143-152.	2.2	51
78	Medial prefrontal cortex serotonergic and GABAergic mechanisms modulate the expression of contextual fear: Intratelencephalic pathways and differential involvement of cortical subregions. <i>Neuroscience</i> , 2015, 284, 988-997.	2.3	38
79	NMDA and AMPA/Kainate Glutamatergic Receptors in the Prelimbic Medial Prefrontal Cortex Modulate the Elaborated Defensive Behavior and Innate Fear-Induced Antinociception Elicited by GABAA Receptor Blockade in the Medial Hypothalamus. <i>Cerebral Cortex</i> , 2014, 24, 1518-1528.	2.9	36
80	Cannabidiol and endogenous opioid peptide-mediated mechanisms modulate antinociception induced by transcutaneous electrostimulation of the peripheral nervous system. <i>Journal of the Neurological Sciences</i> , 2014, 347, 82-89.	0.6	13
81	The role of dorsomedial and ventrolateral columns of the periaqueductal gray matter and in situ 5-HT _{2A} and 5-HT _{2C} serotonergic receptors in post-ictal antinociception. <i>Synapse</i> , 2014, 68, 16-30.	1.2	28
82	Intrinsic connections within the pedunclopontine tegmental nucleus are critical to the elaboration of post-ictal antinociception. <i>Synapse</i> , 2014, 68, 369-377.	1.2	11
83	P.1.g.028 Involvement of δ opioid receptor in the fluoxetine antipanic effect on rats submitted to the elevated T maze test. <i>European Neuropsychopharmacology</i> , 2014, 24, S219.	0.7	0
84	P.4.a.018 Unconditioned fear induces antinociception in sham rats threatened by wild snakes but not in those with neurophatic pain. <i>European Neuropsychopharmacology</i> , 2014, 24, S587.	0.7	2
85	P.1.g.114 Anterior cingulum NMDA receptors modulate fear-induced antinociception evoked by GABAergic dysfunction in posterior hypothalamus. <i>European Neuropsychopharmacology</i> , 2014, 24, S270-S271.	0.7	0
86	P.1.h.020 Independent periaqueductal gray and hypothalamic circuits for flight response and oriented behaviours elicited by innate fear. <i>European Neuropsychopharmacology</i> , 2014, 24, S281-S282.	0.7	0
87	P.2.a.004 The role of the catecholaminergic system in the antidepressant-like effect of the nociceptin antagonist BAN ORL 24. <i>European Neuropsychopharmacology</i> , 2014, 24, S363.	0.7	0
88	P.1.h.007 Activation of CB1 cannabinoid receptors in ventromedial hypothalamus reduces the panic-like elaborated escape behaviour. <i>European Neuropsychopharmacology</i> , 2014, 24, S274.	0.7	0
89	Cortical thinning of the right anterior cingulate cortex in spider phobia: A magnetic resonance imaging and spectroscopy study. <i>Brain Research</i> , 2014, 1576, 35-42.	2.2	9
90	P.1.g.033 Effects of anandamide on panic-like elaborated escape behavior evoked by GABAA receptor blockade in the ventromedial hypothalamus. <i>European Neuropsychopharmacology</i> , 2013, 23, S207-S208.	0.7	0

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91	P.1.g.029 Opioid and GABAergic pathways interactions modulate panic-like behaviours organised by the superior colliculus. <i>European Neuropsychopharmacology</i> , 2013, 23, S205-S206.	0.7	1
92	Chemical neuroanatomical and psychopharmacological evidence that δ receptor-mediated endogenous opioid peptide neurotransmission in the dorsal and ventral mesencephalon modulates panic-like behaviour. <i>European Journal of Pharmacology</i> , 2013, 698, 235-245.	3.5	16
93	Rostral ventromedial medulla connections in <i>Cavia porcellus</i> and their relation with tonic immobility defensive behavior: A biotinylated dextran amine neurotracing study. <i>Neuroscience Letters</i> , 2013, 535, 116-121.	2.1	7
94	P.2.a.003 Antidepressant-like effect of NOP receptor antagonist BAN ORL 24. <i>European Neuropsychopharmacology</i> , 2013, 23, S309-S310.	0.7	0
95	Serotonergic neural links from the dorsal raphe nucleus modulate defensive behaviours organised by the dorsomedial hypothalamus and the elaboration of fear-induced antinociception via locus coeruleus pathways. <i>Neuropharmacology</i> , 2013, 67, 379-394.	4.1	41
96	Neuropathology and behavioral impairments after bilateral global ischemia surgery and exposure to static magnetic field: Evidence in the motor cortex, the hippocampal CA1 region and the neostriatum. <i>International Journal of Radiation Biology</i> , 2013, 89, 595-601.	1.8	17
97	Involvement of prelimbic medial prefrontal cortex in panic-like elaborated defensive behaviour and innate fear-induced antinociception elicited by GABAA receptor blockade in the dorsomedial and ventromedial hypothalamic nuclei: role of the endocannabinoid CB1 receptor. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1781-1798.	2.1	41
98	The role of 5-HT _{1A} receptors in the anti-aversive effects of cannabidiol on panic attack-like behaviors evoked in the presence of the wild snake <i>Epicrates cenchria crassus</i> (Reptilia, Boidae). <i>Journal of Psychopharmacology</i> , 2013, 27, 1149-1159.	4.0	49
99	Neuroanatomical and neuropharmacological approaches to postictal antinociception-related prosencephalic neurons: the role of muscarinic and nicotinic cholinergic receptors. <i>Brain and Behavior</i> , 2013, 3, 286-301.	2.2	17
100	Cooperative regulation of anxiety and panic-related defensive behaviors in the rat periaqueductal grey matter by 5-HT _{1A} and μ -receptors. <i>Journal of Psychopharmacology</i> , 2013, 27, 1141-1148.	4.0	38
101	Anti-Aversive Effects of Cannabidiol on Innate Fear-Induced Behaviors Evoked by an Ethological Model of Panic Attacks Based on a Prey vs the Wild Snake <i>Epicrates cenchria crassus</i> Confrontation Paradigm. <i>Neuropsychopharmacology</i> , 2012, 37, 412-421.	5.4	77
102	Rostral ventromedial medulla modulates nociception and tonic immobility behavior through connections with the A7 catecholaminergic region. <i>Behavioural Brain Research</i> , 2012, 233, 422-427.	2.2	11
103	Differential involvement of dorsal raphe subnuclei in the regulation of anxiety- and panic-related defensive behaviors. <i>Neuroscience</i> , 2012, 227, 350-360.	2.3	59
104	Neuropathology and behavioral impairments after three types of global ischemia surgery in <i>Meriones unguiculatus</i> : Evidence in motor cortex, hippocampal CA1 region and the neostriatum. <i>Journal of the Neurological Sciences</i> , 2012, 312, 73-78.	0.6	15
105	Panic-like defensive behavior but not fear-induced antinociception is differently organized by dorsomedial and posterior hypothalamic nuclei of <i>Rattus norvegicus</i> (Rodentia, Muridae). <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 328-336.	1.5	23
106	Periaqueductal gray matter modulates the hypercapnic ventilatory response. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 155-166.	2.8	23
107	Lipopolysaccharide-induced Sickness Behaviour Evaluated in Different Models of Anxiety and Innate Fear in Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 110, 359-369.	2.5	87
108	Endogenous opioid peptide-mediated neurotransmission in central and pericentral nuclei of the inferior colliculus recruits μ -opioid receptor to modulate post-ictal antinociception. <i>Neuropeptides</i> , 2012, 46, 39-47.	2.2	17

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109	Antinociception induced by acute oral administration of sweet substance in young and adult rodents: The role of endogenous opioid peptides chemical mediators and μ 41-opioid receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 265-270.	2.9	35
110	Paradoxical effect of noradrenaline-mediated neurotransmission in the antinociceptive phenomenon that accompanies tonic-clonic seizures: Role of locus coeruleus neurons and α 2- and β 2-noradrenergic receptors. <i>Epilepsy and Behavior</i> , 2011, 22, 165-177.	1.7	18
111	Acetylcholine-mediated neurotransmission within the nucleus raphe magnus exerts a key role in the organization of both interictal and postictal antinociception. <i>Epilepsy and Behavior</i> , 2011, 22, 178-185.	1.7	16
112	P.1.c.048 Alpha 1 antagonist in dorsal raphe mediates analgesia induced by defence behaviour evoked by stimulation of the dorsomedial hypothalamus. <i>European Neuropsychopharmacology</i> , 2011, 21, S280-S281.	0.7	0
113	P.1.c.051 Interaction between cannabinoid and opioid connections in the ventral midbrain modulates the activity of nigrothalamic GABAergic pathways. <i>European Neuropsychopharmacology</i> , 2011, 21, S282.	0.7	0
114	F154 ROLE OF OPIOID RECEPTORS IN THE ANTINOCICEPTION INDUCED BY ORAL ACUTE ADMINISTRATION OF SWEET SUBSTANCE IN ADULT RODENTS. <i>European Journal of Pain Supplements</i> , 2011, 5, 118-118.	0.0	0
115	Effect of a nanostructured dendrimer-naloxonazine complex on endogenous opioid peptides μ 41 receptor-mediated post-ictal antinociception. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 871-880.	3.3	16
116	Glutamatergic neurotransmission mediated by NMDA receptors in the inferior colliculus can modulate haloperidol-induced catalepsy. <i>Brain Research</i> , 2010, 1349, 41-47.	2.2	37
117	P.1.b.009 Effect of cobalt chloride into periaqueductal gray matter on panic reactions organized by the medial hypothalamus. <i>European Neuropsychopharmacology</i> , 2010, 20, S232.	0.7	0
118	P.1.c.035 Role of 5-HT1A receptor on innate fear behavioural attenuation by cannabidiol in a prey versus predator paradigm. <i>European Neuropsychopharmacology</i> , 2010, 20, S255.	0.7	0
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