

# Norberto C Coimbra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4634288/publications.pdf>

Version: 2024-02-01

183  
papers

4,484  
citations

100601

38  
h-index

169272

56  
g-index

210  
all docs

210  
docs citations

210  
times ranked

2823  
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.   | 1.2 | 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.   | 1.2 | 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.   | 0.9 | 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.                                 | 0.7 | 5         |
| 5  | Ventrolateral periaqueductal gray matter integrative system of defense and antinociception. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 469-480.  | 1.3 | 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.                        | 1.3 | 4         |
| 7  | Transcranial photobiomodulation changes neuronal morphology in the cerebral cortex of rats. <i>Neuroscience Letters</i> , 2022, 781, 136681.   | 1.0 | 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.  | 1.5 | 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.  | 0.9 | 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.  | 2.0 | 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. | 0.9 | 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.   | 1.2 | 13        |
| 13 | Graphene oxide prevents lateral amygdala dysfunctional synaptic plasticity and reverts long lasting anxiety behavior in rats. <i>Biomaterials</i> , 2021, 271, 120749.   | 5.7 | 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.                                      | 1.1 | 0         |
| 15 | Orexin 1 and 2 Receptors in the Prelimbic Cortex Modulate Threat Valuation. <i>Neuroscience</i> , 2021, 468, 158-167.  | 1.1 | 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.  | 1.4 | 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.                          | 1.4 | 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.   | 1.2 | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 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.                          | 1.3 | 3         |
| 20 | Increased body sway in phobic patients exposed to images of spiders. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 477-483.  | 0.9 | 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.                                    | 1.3 | 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.  | 1.5 | 8         |
| 23 | Defensive behaviors and brain regional activation changes in rats confronting a snake. <i>Behavioural Brain Research</i> , 2020, 381, 112469.   | 1.2 | 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.   | 0.9 | 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.  | 1.4 | 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.  | 1.1 | 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.                            | 1.4 | 3         |
| 28 | Anatomical and clinical implications of vagal modulation of the spleen. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 363-373.   | 2.9 | 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. | 0.7 | 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.  | 0.4 | 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.   | 0.0 | 6         |
| 32 | Modelos neuropsicológicos para estudo da dor e das emoções. <i>Psicologia Em Pesquisa</i> , 2020, 14, 66-82.  | 0.0 | 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.  | 0.4 | 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.   | 0.9 | 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.   | 1.6 | 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.   | 2.0 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | The Blockade of $\mu$ - and $\delta$ -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.   | 0.9 | 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.   | 1.1 | 6         |
| 39 | Panicolytic-like effect of $\mu$ -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.   | 2.0 | 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.  | 1.5 | 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. | 0.3 | 5         |
| 42 | Understanding the role of dopamine in conditioned and unconditioned fear. <i>Reviews in the Neurosciences</i> , 2019, 30, 325-337.  | 1.4 | 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.   | 2.0 | 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.                                 | 1.2 | 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.   | 1.1 | 36        |
| 47 | Brain Stimulation Differentially Modulates Nociception and Inflammation in Aversive and Non-aversive Behavioral Conditions. <i>Neuroscience</i> , 2018, 383, 191-204.   | 1.1 | 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.   | 1.0 | 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.            | 1.0 | 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.   | 1.4 | 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.   | 1.0 | 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.   | 2.0 | 16        |
| 53 | CB1 cannabinoid receptor-mediated anandamide signalling reduces the defensive behaviour evoked through GABA <sub>A</sub> receptor blockade in the dorsomedial division of the ventromedial hypothalamus. <i>Neuropharmacology</i> , 2017, 113, 156-166.   | 2.0 | 35        |
| 54 | $\mu$ -Opioid and 5-HT <sub>1A</sub> receptors in the dorsomedial hypothalamus interact for the regulation of panic-related defensive responses. <i>Journal of Psychopharmacology</i> , 2017, 31, 715-721.  | 2.0 | 7         |



| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Pharmacological evidence for the mediation of the panicolytic effect of fluoxetine by dorsal periaqueductal gray matter $\delta$ -opioid receptors. <i>Neuropharmacology</i> , 2015, 99, 620-626.  | 2.0 | 19        |
| 74 | $\mu$ - and $\delta$ -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.   | 1.1 | 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. | 1.7 | 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.   | 1.1 | 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.  | 1.2 | 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.  | 1.1 | 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.   | 1.6 | 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.  | 0.3 | 13        |
| 81 | The role of dorsomedial and ventrolateral columns of the periaqueductal gray matter and in situ 5-HT <sub>2A</sub> and 5-HT <sub>2C</sub> serotonergic receptors in post-ictal antinociception. <i>Synapse</i> , 2014, 68, 16-30.  | 0.6 | 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.  | 0.6 | 11        |
| 83 | P.1.g.028 Involvement of $\delta$ opioid receptor in the fluoxetine antipanic effect on rats submitted to the elevated T maze test. <i>European Neuropsychopharmacology</i> , 2014, 24, S219.  | 0.3 | 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.  | 0.3 | 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.   | 0.3 | 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.  | 0.3 | 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.  | 0.3 | 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.   | 0.3 | 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.   | 1.1 | 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.  | 0.3 | 0         |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 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.   | 0.3 | 1         |
| 92  | Chemical neuroanatomical and psychopharmacological evidence that $\delta$ 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.  | 1.7 | 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.   | 1.0 | 7         |
| 94  | P.2.a.003 Antidepressant-like effect of NOP receptor antagonist BAN ORL 24. <i>European Neuropsychopharmacology</i> , 2013, 23, S309-S310.   | 0.3 | 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.  | 2.0 | 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.  | 1.0 | 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. | 1.0 | 41        |
| 98  | The role of 5-HT <sub>1A</sub> 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.   | 2.0 | 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.   | 1.0 | 17        |
| 100 | Cooperative regulation of anxiety and panic-related defensive behaviors in the rat periaqueductal grey matter by 5-HT <sub>1A</sub> and $\mu$ -receptors. <i>Journal of Psychopharmacology</i> , 2013, 27, 1141-1148.  | 2.0 | 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.  | 2.8 | 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.   | 1.2 | 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.  | 1.1 | 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.   | 0.3 | 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.   | 0.7 | 23        |
| 106 | Periaqueductal gray matter modulates the hypercapnic ventilatory response. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 155-166.   | 1.3 | 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.  | 1.2 | 87        |
| 108 | Endogenous opioid peptide-mediated neurotransmission in central and pericentral nuclei of the inferior colliculus recruits $\mu$ -opioid receptor to modulate post-ictal antinociception. <i>Neuropeptides</i> , 2012, 46, 39-47.  | 0.9 | 17        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 109 | Antinociception induced by acute oral administration of sweet substance in young and adult rodents: The role of endogenous opioid peptides chemical mediators and $\mu$ 41-opioid receptors. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 265-270.                        | 1.3 | 35        |
| 110 | Paradoxical effect of noradrenaline-mediated neurotransmission in the antinociceptive phenomenon that accompanies tonic-clonic seizures: Role of locus coeruleus neurons and $\alpha$ 2- and $\beta$ 2-noradrenergic receptors. <i>Epilepsy and Behavior</i> , 2011, 22, 165-177.       | 0.9 | 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.  | 0.9 | 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.  | 0.3 | 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.  | 0.3 | 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 $\mu$ 41 receptor-mediated post-ictal antinociception. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 871-880.   | 1.7 | 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.  | 1.1 | 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.  | 0.3 | 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.   | 0.3 | 0         |
| 119 | P.1.c.056 Opioid pathways between the inferior colliculus and dorsal periaqueductal grey matter modulate panic-like behaviours. <i>European Neuropsychopharmacology</i> , 2010, 20, S267.   | 0.3 | 0         |
| 120 | P.1.c.059 Role of acetylcholine-mediated neurotransmission within pedunculopontine tegmental nucleus in the post-ictal analgesia. <i>European Neuropsychopharmacology</i> , 2010, 20, S268-S269.  | 0.3 | 2         |
| 121 | GABAA receptor blockade in dorsomedial and ventromedial nuclei of the hypothalamus evokes panic-like elaborated defensive behaviour followed by innate fear-induced antinociception. <i>Brain Research</i> , 2009, 1305, 118-131.   | 1.1 | 43        |
| 122 | Effects of microinjections of apomorphine and haloperidol into the inferior colliculus on the latent inhibition of the conditioned emotional response. <i>Experimental Neurology</i> , 2009, 216, 16-21.  | 2.0 | 6         |
| 123 | 5-HT1A/1B, 5-HT6, and 5-HT7 serotonergic receptors recruitment in tonic-clonic seizure-induced antinociception: Role of dorsal raphe nucleus. <i>Experimental Neurology</i> , 2009, 217, 16-24.   | 2.0 | 33        |
| 124 | P.1.c.054 Opioid receptors of dorsomedial and ventrolateral periaqueductal grey matter modulate the post-ictal antinociception. <i>European Neuropsychopharmacology</i> , 2009, 19, S282-S283.  | 0.3 | 0         |
| 125 | Influence of treadmill training on motor performance and organization of exploratory behavior in <i>Meriones unguiculatus</i> with unilateral ischemic stroke: Histological correlates in hippocampal CA1 region and the neostriatum. <i>Neuroscience Letters</i> , 2008, 431, 179-183. | 1.0 | 16        |
| 126 | Effect of chronic treatment with paroxetine or alprazolam on the increase of c-Fos expression in amygdaloid complex of golden hamsters confronted with South American venomous coral snake. <i>International Journal of Psychophysiology</i> , 2008, 69, 269.                           | 0.5 | 1         |



| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 127 | Serotonergic neurotransmission in the dorsal raphe nucleus recruits in situ 5-HT <sub>2A/2C</sub> receptors to modulate the post-ictal antinociception. <i>Experimental Neurology</i> , 2008, 213, 410-418.   | 2.0 | 35        |
| 128 | Cellular prion protein modulates defensive attention and innate fear-induced behaviour evoked in transgenic mice submitted to an agonistic encounter with the tropical coral snake <i>Oxyrhopus guibei</i> . <i>Behavioural Brain Research</i> , 2008, 194, 129-137.  | 1.2 | 40        |
| 129 | Cellular prion protein regulates the motor behaviour performance and anxiety-induced responses in genetically modified mice. <i>Behavioural Brain Research</i> , 2007, 183, 87-94.  | 1.2 | 25        |
| 130 | Evaluation of the neuroprotective effect of ketoprofen on rats submitted to permanent focal brain ischemia. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 978-984.   | 0.3 | 4         |
| 131 | Innate defensive behaviour and panic-like reactions evoked by rodents during aggressive encounters with Brazilian constrictor snakes in a complex labyrinth: Behavioural validation of a new model to study affective and agonistic reactions in a prey versus predator paradigm. <i>Journal of Neuroscience Methods</i> , 2007, 165, 25-37.                                    | 1.3 | 25        |
| 132 | Inhibition of acute nociceptive responses in rats after i.c.v. injection of Thr <sub>6</sub> -bradykinin, isolated from the venom of the social wasp, <i>Polybia occidentalis</i> . <i>British Journal of Pharmacology</i> , 2007, 151, 860-869.  | 2.7 | 42        |
| 133 | P.1.c.012 Anti-aversive effect of acute clomipramine and fluoxetine on fear-induced behaviour elicited by preys in confront with rattlesnakes. <i>European Neuropsychopharmacology</i> , 2006, 16, S229-S230.   | 0.3 | 0         |
| 134 | Neuroanatomical approaches of the tectum-reticular pathways and immunohistochemical evidence for serotonin-positive perikarya on neuronal substrates of the superior colliculus and periaqueductal gray matter involved in the elaboration of the defensive behavior and fear-induced analgesia. <i>Experimental Neurology</i> , 2006, 197, 93-112.                             | 2.0 | 101       |
| 135 | Involvement of 5-HT <sub>2</sub> serotonergic receptors of the nucleus raphe magnus and nucleus reticularis gigantocellularis/paragigantocellularis complex neural networks in the antinociceptive phenomenon that follows the post-ictal immobility syndrome. <i>Experimental Neurology</i> , 2006, 201, 144-153.  | 2.0 | 29        |
| 136 | Descriptive and functional neuroanatomy of locus coeruleus-noradrenaline-containing neurons involvement in bradykinin-induced antinociception on principal sensory trigeminal nucleus. <i>Journal of Chemical Neuroanatomy</i> , 2006, 32, 28-45.   | 1.0 | 42        |
| 137 | Topographic and functional neuroanatomical study of GABAergic disinhibitory striatum-nigral inputs and inhibitory nigrocollicular pathways: Neural hodology recruiting the substantia nigra, pars reticulata, for the modulation of the neural activity in the inferior colliculus involved with panic-like emotions. <i>Journal of Chemical Neuroanatomy</i> , 2006, 32, 1-27. | 1.0 | 64        |
| 138 | Dorsal raphe nucleus and locus coeruleus neural networks and the elaboration of the sweet-substance-induced antinociception. <i>Neuroscience Letters</i> , 2006, 395, 12-17.  | 1.0 | 16        |
| 139 | Cataleptic activity of the denatured venom of the social wasp <i>Agelaia vicina</i> (Hymenoptera, Vespidae) in <i>Rattus norvegicus</i> (Rodentia, Muridae). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2006, 30, 198-203.   | 2.5 | 9         |
| 140 | 271 ROLE OF NUCLEUS RAPHE MAGNUS AND NUCLEUS RETICULARIS GIGANTOCELLULARIS/PARAGIGANTOCELLULARIS COMPLEX-SEROTONERGIC RECEPTORS IN THE ANTINOCICEPTION EVOKED BY EITHER FEAR-INDUCED DEFENSIVE BEHAVIOR OR CONVULSIVE REACTIONS. <i>European Journal of Pain</i> , 2006, 10, S73-S73.   | 1.4 | 0         |
| 141 | 334 INVOLVEMENT OF CONNECTIONS BETWEEN THE ANTERIOR PRETECTAL NUCLEUS AND THE DEEP LAYERS OF THE SUPERIOR COLLICULUS IN ANTINOCICEPTIVE PROCESSES. <i>European Journal of Pain</i> , 2006, 10, S89b-S89.  | 1.4 | 0         |
| 142 | 358 ROLE OF NORADRENALINE-CONTAINING NEURONS OF THE LOCUS COERULEUS IN BRADYKININ-INDUCED ANTINOCICEPTION ON TRIGEMINAL SENSORY NUCLEUS. <i>European Journal of Pain</i> , 2006, 10, S96-S96.   | 1.4 | 0         |
| 143 | Interactions between opioid-peptides-containing pathways and GABA <sub>A</sub> -receptors-mediated systems modulate panic-like-induced behaviors elicited by electric and chemical stimulation of the inferior colliculus. <i>Brain Research</i> , 2006, 1104, 92-102.  | 1.1 | 18        |
| 144 | Effects of microinjections of neurotoxin AvTx8, isolated from the social wasp <i>Agelaia vicina</i> (Hymenoptera, Vespidae) venom, on GABAergic nigrotectal pathways. <i>Brain Research</i> , 2005, 1031, 74-81.  | 1.1 | 23        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 145 | Fos-like immunoreactivity in the brain associated with freezing or escape induced by inhibition of either glutamic acid decarboxylase or GABAA receptors in the dorsal periaqueductal gray. <i>Brain Research</i> , 2005, 1051, 100-111.   | 1.1 | 59        |
| 146 | Effect of the blockade of $\mu$ -opioid and 5HT <sub>2A</sub> -serotonergic/ $\mu$ -noradrenergic receptors on sweet-substance-induced analgesia. <i>Psychopharmacology</i> , 2005, 179, 349-355.  | 1.5 | 57        |
| 147 | Effect of chronic intake of sweet substance on nociceptive thresholds and feeding behavior of <i>Rattus norvegicus</i> (Rodentia, Muridae). <i>Nutritional Neuroscience</i> , 2005, 8, 129-140.  | 1.5 | 12        |
| 148 | Involvement of pre- and post-synaptic serotonergic receptors of dorsal raphe nucleus neural network in the control of the sweet-substance-induced analgesia in adult <i>Rattus norvegicus</i> (Rodentia, Muridae). <i>Neuroscience Letters</i> , 2005, 379, 169-173.   | 1.0 | 13        |
| 149 | Functional and ultrastructural neuroanatomy of interactive intratectal/tectonigral mesencephalic opioid inhibitory links and nigrotectal GABAergic pathways: Involvement of GABAA and $\delta$ -opioid receptors in the modulation of panic-like reactions elicited by electrical stimulation of the dorsal midbrain. <i>Journal of Chemical Neuroanatomy</i> , 2005, 30, 184-200. | 1.0 | 49        |
| 150 | Intrinsic neural circuits between dorsal midbrain neurons that control fear-induced responses and seizure activity and nuclei of the pain inhibitory system elaborating postictal antinociceptive processes: a functional neuroanatomical and neuropharmacological study. <i>Experimental Neurology</i> , 2005, 191, 225-242.  | 2.0 | 56        |
| 151 | Thermoeffector neuronal pathways in fever: a study in rats showing a new role of the locus coeruleus. <i>Journal of Physiology</i> , 2004, 558, 283-294.   | 1.3 | 68        |
| 152 | Effects of acute and chronic fluoxetine and diazepam on freezing behavior induced by electrical stimulation of dorsolateral and lateral columns of the periaqueductal gray matter. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 77, 557-566.  | 1.3 | 79        |
| 153 | Role of muscarinic and nicotinic cholinergic receptors in an experimental model of epilepsy-induced analgesia. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 79, 367-376.  | 1.3 | 27        |
| 154 | Pharmacological and Biochemical Aspects of GABAergic Neurotransmission: Pathological and Neuropsychobiological Relationships. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 707-728.  | 1.7 | 66        |
| 155 | Neuroanatomical and neuropharmacological study of opioid pathways in the mesencephalic tectum: effect of $\delta$ - and $\mu$ -opioid receptor blockade on escape behavior induced by electrical stimulation of the inferior colliculus. <i>Brain Research</i> , 2003, 992, 179-192.   | 1.1 | 55        |
| 156 | Purification of a neuroprotective component of <i>Parawixia bistriata</i> spider venom that enhances glutamate uptake. <i>British Journal of Pharmacology</i> , 2003, 139, 1297-1309.  | 2.7 | 70        |
| 157 | Effects of N-methyl-D-aspartate-induced amygdala lesion in rats submitted to the elevated T-maze test of anxiety. <i>Physiology and Behavior</i> , 2003, 78, 157-163.  | 1.0 | 14        |
| 158 | The nucleus raphe magnus modulates hypoxia-induced hyperventilation but not anapnoea in rats. <i>Neuroscience Letters</i> , 2003, 347, 121-125.  | 1.0 | 32        |
| 159 | The cholinergic stimulation of the central amygdala modifying the tonic immobility response and antinociception in guinea pigs depends on the ventrolateral periaqueductal gray. <i>Brain Research Bulletin</i> , 2003, 60, 167-178.   | 1.4 | 64        |
| 160 | Neuroanatomical and psychopharmacological evidence for interaction between opioid and GABAergic neural pathways in the modulation of fear and defense elicited by electrical and chemical stimulation of the deep layers of the superior colliculus and dorsal periaqueductal gray matter. <i>Neuropharmacology</i> , 2002, 42, 48-59.   | 2.0 | 85        |
| 161 | Chemical lesions of the nucleus isthmi increase the hypoxic and hypercarbic drive to breathing of toads. <i>Respiratory Physiology and Neurobiology</i> , 2002, 132, 289-299.  | 0.7 | 18        |
| 162 | Anxiogenic effect of median raphe nucleus lesion in stressed rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002, 26, 1135-1141.  | 2.5 | 43        |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 163 | Psychopharmacological evidences for the involvement of muscarinic and nicotinic cholinergic receptors on sweet substance-induced analgesia in <i>Rattus norvegicus</i> . <i>Neuroscience Letters</i> , 2001, 305, 115-118.                          | 1.0 | 15        |
| 164 | Changes in the auditory-evoked potentials induced by fear-evoking stimulations. <i>Physiology and Behavior</i> , 2001, 72, 365-372.   | 1.0 | 63        |
| 165 | Post-ictal analgesia: involvement of opioid, serotonergic and cholinergic mechanisms. <i>Brain Research</i> , 2001, 888, 314-320.   | 1.1 | 51        |
| 166 | Opioid neurotransmission in the post-ictal analgesia: Involvement of $\mu$ 1-opioid receptor. <i>Brain Research</i> , 2001, 903, 216-221.   | 1.1 | 37        |
| 167 | Effects of opioid receptor blockade on defensive behavior elicited by electrical stimulation of the aversive substrates of the inferior colliculus in <i>Rattus norvegicus</i> (Rodentia, Muridae). <i>Psychopharmacology</i> , 2000, 152, 422-430. | 1.5 | 41        |
| 168 | A comparative study of the effects of morphine in the dorsal periaqueductal gray and nucleus accumbens of rats submitted to the elevated plus-maze test. <i>Experimental Brain Research</i> , 1999, 129, 260-268.                                   | 0.7 | 43        |
| 169 | Pharmacological and neuroanatomical evidence for the involvement of the anterior pretectal nucleus in the antinociception induced by stimulation of the dorsal raphe nucleus in rats. <i>Pain</i> , 1998, 74, 171-179.                              | 2.0 | 30        |
| 170 | Effects of 5-HT <sub>2</sub> receptors blockade on fear-induced analgesia elicited by electrical stimulation of the deep layers of the superior colliculus and dorsal periaqueductal gray. <i>Behavioural Brain Research</i> , 1997, 87, 97-103.    | 1.2 | 86        |
| 171 | Sucrose ingestion causes opioid analgesia. <i>Brazilian Journal of Medical and Biological Research</i> , 1997, 30, 981-984.   | 0.7 | 59        |
| 172 | Effects of lesions of amygdaloid nuclei and substantia nigra on aversive responses induced by electrical stimulation of the inferior colliculus. <i>Brain Research Bulletin</i> , 1996, 40, 93-98.  | 1.4 | 84        |
| 173 | Effects of the blockade of opioid receptor on defensive reactions elicited by electrical stimulation within the deep layers of the superior colliculus and DPAG. <i>Brain Research</i> , 1996, 736, 348-352.  | 1.1 | 30        |
| 174 | Analysis of the performance of microelectrodes by cyclic and differential pulse voltammetry techniques. <i>Bioelectrochemistry</i> , 1995, 38, 315-319.   | 1.0 | 1         |
| 175 | Neural substrate of defensive behavior in the midbrain tectum. <i>Neuroscience and Biobehavioral Reviews</i> , 1994, 18, 339-346.   | 2.9 | 151       |
| 176 | Defensive reactions evoked by activation of NMDA receptors in distinct sites of the inferior colliculus. <i>Behavioural Brain Research</i> , 1994, 63, 17-24.   | 1.2 | 79        |
| 177 | GABAergic nigro-collicular pathways modulate the defensive behaviour elicited by midbrain tectum stimulation. <i>Behavioural Brain Research</i> , 1993, 59, 131-139.  | 1.2 | 94        |
| 178 | Evidence for the involvement of serotonin in the antinociception induced by electrical or chemical stimulation of the mesencephalic tectum. <i>Behavioural Brain Research</i> , 1992, 50, 77-83.  | 1.2 | 64        |
| 179 | Opposite effects of low and high doses of morphine on neural substrates of aversion in the inferior colliculus. <i>Behavioural Pharmacology</i> , 1992, 3, 489-495.   | 0.8 | 6         |
| 180 | Effects of morphine and midazolam on reactivity to peripheral noxious and central aversive stimuli. <i>Neuroscience and Biobehavioral Reviews</i> , 1990, 14, 495-499.  | 2.9 | 53        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 181 | Defense reaction induced by microinjections of bicuculline into the inferior colliculus. <i>Physiology and Behavior</i> , 1988, 44, 361-365. | 1.0 | 109       |
| 182 | Physical, Emotional, and Social Pain During COVID-19 Pandemic-Related Social Isolation. <i>Trends in Psychology</i> , 0, , 1.                | 0.7 | 1         |
| 183 | Mitochondrial Photobiomodulation as a Neurotherapeutic Strategy for Epilepsy. <i>Frontiers in Neurology</i> , 0, 13, .                       | 1.1 | 11        |