

Alexandre Charlet

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,469
citations

430874

18
h-index

395702

33
g-index

41
all docs

41
docs citations

41
times ranked

2575
citing authors

#	ARTICLE	IF	CITATIONS
1	Viral vectors for opto-electrode recording and photometry-based imaging of oxytocin neurons in anesthetized and socially interacting rats. STAR Protocols, 2022, 3, 101032.	1.2	10
2	Calcium imaging and BAPTA loading of amygdala astrocytes in mouse brain slices. STAR Protocols, 2022, 3, 101159.	1.2	2
3	Identification and three-dimensional reconstruction of oxytocin receptor expressing astrocytes in the rat and mouse brain. STAR Protocols, 2022, 3, 101160.	1.2	11
4	Altered PVN-to-CA2 hippocampal oxytocin pathway and reduced number of oxytocin receptor expressing astrocytes in heart failure rats. Journal of Neuroendocrinology, 2022, 34, .	2.6	8
5	Astrocytes mediate the effect of oxytocin in the central amygdala on neuronal activity and affective states in rodents. Nature Neuroscience, 2021, 24, 529-541.	14.8	88
6	Oxytocinergic Feedback Circuitries: An Anatomical Basis for Neuromodulation of Social Behaviors. Frontiers in Neural Circuits, 2021, 15, 688234.	2.8	14
7	Anti-Hyperalgesic Properties of Menthol and Pulegone. Frontiers in Pharmacology, 2021, 12, 753873.	3.5	12
8	Social touch promotes interfemale communication via activation of parvocellular oxytocin neurons. Nature Neuroscience, 2020, 23, 1125-1137.	14.8	161
9	A Nonpeptide Oxytocin Receptor Agonist for a Durable Relief of Inflammatory Pain. Scientific Reports, 2020, 10, 3017.	3.3	31
10	A Fear Memory Engram and Its Plasticity in the Hypothalamic Oxytocin System. Neuron, 2019, 103, 133-146.e8.	8.1	97
11	Lithium reverses mechanical allodynia through a mu opioid-dependent mechanism. Molecular Pain, 2018, 14, 174480691775414.	2.1	10
12	Oxytocin, GABA, and TRPV1, the Analgesic Triad?. Frontiers in Molecular Neuroscience, 2018, 11, 398.	2.9	19
13	Morphine Binds Creatine Kinase B and Inhibits Its Activity. Frontiers in Cellular Neuroscience, 2018, 12, 464.	3.7	7
14	Pharmacological rescue of nociceptive hypersensitivity and oxytocin analgesia impairment in a rat model of neonatal maternal separation. Pain, 2018, 159, 2630-2640.	4.2	20
15	Stable isotope-labelled morphine to study <i>in vivo</i> central and peripheral morphine glucuronidation and brain transport in tolerant mice. British Journal of Pharmacology, 2018, 175, 3844-3856.	5.4	10
16	Oxytocin Signaling in Pain: Cellular, Circuit, System, and Behavioral Levels. Current Topics in Behavioral Neurosciences, 2017, 35, 193-211.	1.7	62
17	Oxytocin Mobilizes Midbrain Dopamine toward Sociality. Neuron, 2017, 95, 235-237.	8.1	20
18	Oxytocin: pain relief in skin. Pain, 2017, 158, 2061-2063.	4.2	18

#	ARTICLE	IF	CITATIONS
19	Neuropeptide S Activates Paraventricular Oxytocin Neurons to Induce Anxiolysis. <i>Journal of Neuroscience</i> , 2017, 37, 12214-12225.	3.6	45
20	Favouring inhibitory synaptic drive mediated by GABA _A receptors in the basolateral nucleus of the amygdala efficiently reduces pain symptoms in neuropathic mice. <i>European Journal of Neuroscience</i> , 2016, 43, 1082-1088.	2.6	13
21	A New Population of Parvocellular Oxytocin Neurons Controlling Magnocellular Neuron Activity and Inflammatory Pain Processing. <i>Neuron</i> , 2016, 89, 1291-1304.	8.1	314
22	Long-Lasting Spinal Oxytocin Analgesia Is Ensured by the Stimulation of Allopregnanolone Synthesis Which Potentiates GABA _A Receptor-Mediated Synaptic Inhibition. <i>Journal of Neuroscience</i> , 2013, 33, 16617-16626.	3.6	42
23	Evoked Axonal Oxytocin Release in the Central Amygdala Attenuates Fear Response. <i>Neuron</i> , 2012, 73, 553-566.	8.1	880
24	Oxytocin Selectively Gates Fear Responses Through Distinct Outputs from the Central Amygdala. <i>Science</i> , 2011, 333, 104-107.	12.6	324
25	Radiotelemetric and Symptomatic Evaluation of Pain in the Rat After Laparotomy: Long-Term Benefits of Perioperative Ropivacaine Care. <i>Journal of Pain</i> , 2011, 12, 246-256.	1.4	12
26	Nociceptive thresholds are controlled through spinal $\alpha 2$ -subunit-containing nicotinic acetylcholine receptors. <i>Pain</i> , 2011, 152, 2131-2137.	4.2	27
27	Poincaré plot descriptors of heart rate variability as markers of persistent pain expression in freely moving rats. <i>Physiology and Behavior</i> , 2011, 104, 694-701.	2.1	7
28	Abnormal Nociception and Opiate Sensitivity of STOP Null Mice Exhibiting Elevated Levels of the Endogenous Alkaloid Morphine. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-96.	2.1	7
29	Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by $\alpha 1$ -reduced neurosteroids. <i>Pain</i> , 2009, 147, 54-59.	4.2	41
30	Differentiating Thermal Allodynia and Hyperalgesia Using Dynamic Hot and Cold Plate in Rodents. <i>Journal of Pain</i> , 2009, 10, 767-773.	1.4	95
31	Fast non-genomic effects of progesterone-derived neurosteroids on nociceptive thresholds and pain symptoms. <i>Pain</i> , 2008, 139, 603-609.	4.2	50
32	Optogenetics for Neurohormones and Neuropeptides: Focus on Oxytocin. , 0, , 196-205.		0