

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	Evoked Axonal Oxytocin Release in the Central Amygdala Attenuates Fear Response. <i>Neuron</i> , 2012, 73, 553-566.	8.1	880
2	Oxytocin Selectively Gates Fear Responses Through Distinct Outputs from the Central Amygdala. <i>Science</i> , 2011, 333, 104-107.	12.6	324
3	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
4	Social touch promotes interfemale communication via activation of parvocellular oxytocin neurons. <i>Nature Neuroscience</i> , 2020, 23, 1125-1137.	14.8	161
5	A Fear Memory Engram and Its Plasticity in the Hypothalamic Oxytocin System. <i>Neuron</i> , 2019, 103, 133-146.e8.	8.1	97
6	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
7	Astrocytes mediate the effect of oxytocin in the central amygdala on neuronal activity and affective states in rodents. <i>Nature Neuroscience</i> , 2021, 24, 529-541.	14.8	88
8	Oxytocin Signaling in Pain: Cellular, Circuit, System, and Behavioral Levels. <i>Current Topics in Behavioral Neurosciences</i> , 2017, 35, 193-211.	1.7	62
9	Fast non-genomic effects of progesterone-derived neurosteroids on nociceptive thresholds and pain symptoms. <i>Pain</i> , 2008, 139, 603-609.	4.2	50
10	Neuropeptide S Activates Paraventricular Oxytocin Neurons to Induce Anxiolysis. <i>Journal of Neuroscience</i> , 2017, 37, 12214-12225.	3.6	45
11	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
12	Reduction and prevention of vincristine-induced neuropathic pain symptoms by the non-benzodiazepine anxiolytic etifoxine are mediated by β -reduced neurosteroids. <i>Pain</i> , 2009, 147, 54-59.	4.2	41
13	A Nonpeptide Oxytocin Receptor Agonist for a Durable Relief of Inflammatory Pain. <i>Scientific Reports</i> , 2020, 10, 3017.	3.3	31
14	Nociceptive thresholds are controlled through spinal α 2-subunit-containing nicotinic acetylcholine receptors. <i>Pain</i> , 2011, 152, 2131-2137.	4.2	27
15	Oxytocin Mobilizes Midbrain Dopamine toward Sociality. <i>Neuron</i> , 2017, 95, 235-237.	8.1	20
16	Pharmacological rescue of nociceptive hypersensitivity and oxytocin analgesia impairment in a rat model of neonatal maternal separation. <i>Pain</i> , 2018, 159, 2630-2640.	4.2	20
17	Oxytocin, GABA, and TRPV1, the Analgesic Triad?. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 398.	2.9	19
18	Oxytocin: pain relief in skin. <i>Pain</i> , 2017, 158, 2061-2063.	4.2	18

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19	Oxytocinergic Feedback Circuitries: An Anatomical Basis for Neuromodulation of Social Behaviors. <i>Frontiers in Neural Circuits</i> , 2021, 15, 688234.	2.8	14
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	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
22	Anti-Hyperalgesic Properties of Menthol and Pulegone. <i>Frontiers in Pharmacology</i> , 2021, 12, 753873.	3.5	12
23	Identification and three-dimensional reconstruction of oxytocin receptor expressing astrocytes in the rat and mouse brain. <i>STAR Protocols</i> , 2022, 3, 101160.	1.2	11
24	Lithium reverses mechanical allodynia through a mu opioid-dependent mechanism. <i>Molecular Pain</i> , 2018, 14, 174480691775414.	2.1	10
25	Stable isotope-labelled morphine to study <i>in vivo</i> central and peripheral morphine glucuronidation and brain transport in tolerant mice. <i>British Journal of Pharmacology</i> , 2018, 175, 3844-3856.	5.4	10
26	Viral vectors for opto-electrode recording and photometry-based imaging of oxytocin neurons in anesthetized and socially interacting rats. <i>STAR Protocols</i> , 2022, 3, 101032.	1.2	10
27	Altered PVN-to-CA2 hippocampal oxytocin pathway and reduced number of oxytocin receptor expressing astrocytes in heart failure rats. <i>Journal of Neuroendocrinology</i> , 2022, 34, .	2.6	8
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	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
30	Morphine Binds Creatine Kinase B and Inhibits Its Activity. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 464.	3.7	7
31	Calcium imaging and BAPTA loading of amygdala astrocytes in mouse brain slices. <i>STAR Protocols</i> , 2022, 3, 101159.	1.2	2
32	Optogenetics for Neurohormones and Neuropeptides: Focus on Oxytocin. , 0, , 196-205.		0