

Pascal Darbon

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,590
citations

516710

16
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	Down-regulation of the potassium-chloride cotransporter KCC2 contributes to spasticity after spinal cord injury. <i>Nature Medicine</i> , 2010, 16, 302-307.	30.7	487
2	Social touch promotes interfemale communication via activation of parvocellular oxytocin neurons. <i>Nature Neuroscience</i> , 2020, 23, 1125-1137.	14.8	161
3	Contribution of Persistent Sodium Current to Locomotor Pattern Generation in Neonatal Rats. <i>Journal of Neurophysiology</i> , 2007, 98, 613-628.	1.8	99
4	A Fear Memory Engram and Its Plasticity in the Hypothalamic Oxytocin System. <i>Neuron</i> , 2019, 103, 133-146.e8.	8.1	97
5	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
6	Single-Neuron Discharge Properties and Network Activity in Dissociated Cultures of Neocortex. <i>Journal of Neurophysiology</i> , 2004, 92, 977-996.	1.8	87
7	Mechanisms controlling bursting activity induced by disinhibition in spinal cord networks. <i>European Journal of Neuroscience</i> , 2002, 15, 671-683.	2.6	85
8	INaP underlies intrinsic spiking and rhythm generation in networks of cultured rat spinal cord neurons. <i>European Journal of Neuroscience</i> , 2004, 20, 976-988.	2.6	63
9	Cholinergic control of membrane conductance and intracellular free Ca ²⁺ in outer hair cells of the guinea pig cochlea. <i>Cell Calcium</i> , 2000, 28, 195-203.	2.4	60
10	Role of the Electrogenic Na/K Pump in Disinhibition-Induced Bursting in Cultured Spinal Networks. <i>Journal of Neurophysiology</i> , 2003, 90, 3119-3129.	1.8	59
11	Fast non-genomic effects of progesterone-derived neurosteroids on nociceptive thresholds and pain symptoms. <i>Pain</i> , 2008, 139, 603-609.	4.2	50
12	Antinociceptive Action of Oxytocin Involves Inhibition of Potassium Channel Currents in Lamina II Neurons of the Rat Spinal Cord. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-63.	2.1	48
13	A Nonpeptide Oxytocin Receptor Agonist for a Durable Relief of Inflammatory Pain. <i>Scientific Reports</i> , 2020, 10, 3017.	3.3	31
14	Contributions of NMDA receptors to network recruitment and rhythm generation in spinal cord cultures. <i>European Journal of Neuroscience</i> , 2004, 19, 521-532.	2.6	26
15	Etifoxine analgesia in experimental monoarthritis: A combined action that protects spinal inhibition and limits central inflammatory processes. <i>Pain</i> , 2014, 155, 403-412.	4.2	18
16	Corticosterone analgesia is mediated by the spinal production of neuroactive metabolites that enhance <sc>GABA</sc>ergic inhibitory transmission on dorsal horn rat neurons. <i>European Journal of Neuroscience</i> , 2015, 41, 390-397.	2.6	17
17	Peripheral and central alterations affecting spinal nociceptive processing and pain at adulthood in rats exposed to neonatal maternal deprivation. <i>European Journal of Neuroscience</i> , 2016, 44, 1952-1962.	2.6	17
18	Involvement of Calcium in Rhythmic Activity Induced by Disinhibition in Cultured Spinal Cord Networks. <i>Journal of Neurophysiology</i> , 2002, 88, 1461-1468.	1.8	15

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19	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
20	Anti-Hyperalgesic Properties of Menthol and Pulegone. <i>Frontiers in Pharmacology</i> , 2021, 12, 753873.	3.5	12
21	Lithium reverses mechanical allodynia through a mu opioid-dependent mechanism. <i>Molecular Pain</i> , 2018, 14, 174480691775414.	2.1	10
22	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
23	Immuno-electrodes in Protein Detection: A Comparison between Glassy Carbon and a Semimetallic Ni/P Thin Film as Binding Support. <i>Biological Applications. Analytical Chemistry</i> , 1998, 70, 5072-5078.	6.5	6
24	Effects of brain-derived neurotrophic factor (BDNF) on activity mediated by NMDA receptors in rat spinal cord cultures. <i>Neuroscience Letters</i> , 2005, 390, 145-149.	2.1	5
25	Partial characterization of a novel cardioinhibitory peptide from the brain of the snail <i>Helix aspersa</i> . <i>Cellular and Molecular Neurobiology</i> , 1998, 18, 413-424.	3.3	4
26	Rhythm Generation in Spinal Cultures: Is It the Neuron or the Network?. , 2006, , 377-408.		4
27	Antibody-coated electrodes for detecting somatic exocytosis of somatostatin-like material in <i>Helix</i> neurones. <i>Journal of Neuroscience Methods</i> , 1996, 67, 197-201.	2.5	3
28	Plasma glucocorticoids differentially modulate phasic and tonic GABA inhibition during early postnatal development in rat spinal lamina II. <i>Neuroscience Letters</i> , 2014, 578, 39-43.	2.1	3
29	Unveiling the Impact of Morphine on Tamoxifen Metabolism in Mice <i>in vivo</i> . <i>Frontiers in Oncology</i> , 2020, 10, 25.	2.8	3
30	Emerging Network Activity in Dissociated Cultures of Neocortex: Novel Electrophysiological Protocols and Mathematical Modeling. , 2006, , 243-273.		2
31	Conductance Properties of the Acetylcholine Receptor Current of Guinea Pig Outer Hair Cells. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2011, 12, 59-70.	1.8	2
32	Calcium imaging and BAPTA loading of amygdala astrocytes in mouse brain slices. <i>STAR Protocols</i> , 2022, 3, 101159.	1.2	2
33	Correlations on <i>Helix</i> neurons between electrical activity and somatic somatostatin-like release. <i>Biology of the Cell</i> , 1995, 84, 96-96.	2.0	0
34	Spinal cellular and network properties modulate pain perception. <i>BIO Web of Conferences</i> , 2016, 6, 02001.	0.2	0