

Cyril Rivat

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,861
citations

218381

26
h-index

301761

39
g-index

43
all docs

43
docs citations

43
times ranked

3942
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-lasting Hyperalgesia Induced by Fentanyl in Rats. <i>Anesthesiology</i> , 2000, 92, 465-465.	1.3	601
2	Opioid-induced hyperalgesia: abnormal or normal pain?. <i>NeuroReport</i> , 2003, 14, 1-7.	0.6	325
3	The Role of Ketamine in Preventing Fentanyl-Induced Hyperalgesia and Subsequent Acute Morphine Tolerance. <i>Anesthesia and Analgesia</i> , 2002, 94, 1263-1269.	1.1	305
4	Persistent Postsurgical Pain. <i>Anesthesiology</i> , 2018, 129, 590-607.	1.3	274
5	JAK/STAT3 pathway is activated in spinal cord microglia after peripheral nerve injury and contributes to neuropathic pain development in rat. <i>Journal of Neurochemistry</i> , 2008, 107, 50-60.	2.1	206
6	Repeated social defeat-induced depression-like behavioral and biological alterations in rats: involvement of cholecystokinin. <i>Molecular Psychiatry</i> , 2008, 13, 1079-1092.	4.1	175
7	Fentanyl Enhancement of Carrageenan-induced Long-lasting Hyperalgesia in Rats. <i>Anesthesiology</i> , 2002, 96, 381-391.	1.3	174
8	Nrf2-dependent persistent oxidative stress results in stress-induced vulnerability to depression. <i>Molecular Psychiatry</i> , 2017, 22, 1701-1713.	4.1	167
9	Vulnerability to Depression: From Brain Neuroplasticity to Identification of Biomarkers. <i>Journal of Neuroscience</i> , 2011, 31, 12889-12899.	1.7	154
10	Ketamine Improves the Management of Exaggerated Postoperative Pain Observed in Perioperative Fentanyl-treated Rats. <i>Anesthesiology</i> , 2005, 102, 421-428.	1.3	130
11	Chronic stress induces transient spinal neuroinflammation, triggering sensory hypersensitivity and long-lasting anxiety-induced hyperalgesia. <i>Pain</i> , 2010, 150, 358-368.	2.0	126
12	Opioid and chemokine receptor crosstalk: a promising target for pain therapy?. <i>Nature Reviews Neuroscience</i> , 2015, 16, 69-78.	4.9	123
13	The dark side of opioids in pain management: basic science explains clinical observation. <i>Pain Reports</i> , 2016, 1, e570.	1.4	123
14	Non-Nociceptive Environmental Stress Induces Hyperalgesia, Not Analgesia, in Pain and Opioid-Experienced Rats. <i>Neuropsychopharmacology</i> , 2007, 32, 2217-2228.	2.8	119
15	Nitrous Oxide Revisited. <i>Anesthesiology</i> , 2005, 103, 845-854.	1.3	99
16	Target-Controlled Dosing of Remifentanyl During Cardiac Surgery Reduces Postoperative Hyperalgesia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2011, 25, 917-925.	0.6	69
17	Spinal NK1 receptor-expressing neurons and descending pathways support fentanyl-induced pain hypersensitivity in a rat model of postoperative pain. <i>European Journal of Neuroscience</i> , 2009, 29, 727-737.	1.2	64
18	Polyamine deficient diet to relieve pain hypersensitivity. <i>Pain</i> , 2008, 137, 125-137.	2.0	63

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19	Cellular and subcellular localization of CXCL12 and CXCR4 in rat nociceptive structures: physiological relevance. <i>European Journal of Neuroscience</i> , 2012, 36, 2619-2631.	1.2	59
20	Mechanisms of regional anaesthesia protection against hyperalgesia and pain chronicization. <i>Current Opinion in Anaesthesiology</i> , 2013, 26, 621-625.	0.9	52
21	Inhibition of neuronal FLT3 receptor tyrosine kinase alleviates peripheral neuropathic pain in mice. <i>Nature Communications</i> , 2018, 9, 1042.	5.8	47
22	Src family kinases involved in CXCL12-induced loss of acute morphine analgesia. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 38-52.	2.0	44
23	Intravenous Acetaminophen as an Adjunct Analgesic in Cardiac Surgery Reduces Opioid Consumption But Not Opioid-Related Adverse Effects: A Randomized Controlled Trial. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 997-1004.	0.6	42
24	AAV2/9-mediated silencing of PMP22 prevents the development of pathological features in a rat model of Charcot-Marie-Tooth disease 1A. <i>Nature Communications</i> , 2021, 12, 2356.	5.8	36
25	A proliferation-inducing ligand-mediated anti-inflammatory response of astrocytes in multiple sclerosis. <i>Annals of Neurology</i> , 2019, 85, 406-420.	2.8	32
26	NOV/CCN3 attenuates inflammatory pain through regulation of matrix metalloproteinases-2 and -9. <i>Journal of Neuroinflammation</i> , 2012, 9, 36.	3.1	27
27	Perioperative or Postoperative Nerve Block for Preventive Analgesia. <i>Anesthesia and Analgesia</i> , 2013, 116, 969-970.	1.1	23
28	Fxyd2 regulates A δ - and C-fiber mechanosensitivity and is required for the maintenance of neuropathic pain. <i>Scientific Reports</i> , 2016, 6, 36407.	1.6	22
29	Effects of Nefopam on Early Postoperative Hyperalgesia After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 427-435.	0.6	21
30	Effets du s v oflurane sur l e ™hypersensibilit e la douleur induite par carrag e nine et le fentanyl chez des rats Sprague-Dawley. <i>Canadian Journal of Anaesthesia</i> , 2009, 56, 126-135.	0.7	20
31	Sciatic Nerve Block Fails in Preventing the Development of Late Stress-Induced Hyperalgesia When High-Dose Fentanyl Is Administered Perioperatively in Rats. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 448-454.	1.1	18
32	The effects of low-dose ketamine on the analgesia nociception index (ANI) measured with the novel PhysioDoloris a , c analgesia monitor: a pilot study. <i>Journal of Clinical Monitoring and Computing</i> , 2015, 29, 291-295.	0.7	18
33	Tolerance and opioid-induced hyperalgesia. Is a divorce imminent?. <i>Pain</i> , 2012, 153, 1547-1548.	2.0	16
34	Zeb Family Members and Boundary Cap Cells Underlie Developmental Plasticity of Sensory Nociceptive Neurons. <i>Developmental Cell</i> , 2015, 33, 343-350.	3.1	16
35	Stress-induced Hyperalgesia. <i>Anesthesiology</i> , 2011, 114, 1280-1281.	1.3	11
36	Pulsed radiofrequency enhances morphine analgesia in neuropathic rats. <i>NeuroReport</i> , 2012, 23, 535-539.	0.6	8

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37	Neuropathic Pain. Anesthesiology, 2016, 125, 627-629.	1.3	2
38	Mod�lisation de la relation douleur-d�pression. Douleur Et Analgesie, 2012, 25, 31-37.	0.2	1
39	The effects of morphine on the CNS. , 2018, , .		0