

Alban Latremoliere

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

5,889
citations

201674

27
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

8108
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Sensitization: A Generator of Pain Hypersensitivity by Central Neural Plasticity. <i>Journal of Pain</i> , 2009, 10, 895-926.	1.4	2,675
2	T-Cell Infiltration and Signaling in the Adult Dorsal Spinal Cord Is a Major Contributor to Neuropathic Pain-Like Hypersensitivity. <i>Journal of Neuroscience</i> , 2009, 29, 14415-14422.	3.6	380
3	Injury-Induced Decline of Intrinsic Regenerative Ability Revealed by Quantitative Proteomics. <i>Neuron</i> , 2015, 86, 1000-1014.	8.1	220
4	Diminished Schwann Cell Repair Responses Underlie Age-Associated Impaired Axonal Regeneration. <i>Neuron</i> , 2014, 83, 331-343.	8.1	215
5	Accelerating axonal growth promotes motor recovery after peripheral nerve injury in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 4332-4347.	8.2	195
6	The serine protease inhibitor SerpinA3N attenuates neuropathic pain by inhibiting T cell-derived leukocyte elastase. <i>Nature Medicine</i> , 2015, 21, 518-523.	30.7	182
7	The metabolite BH4 controls T cell proliferation in autoimmunity and cancer. <i>Nature</i> , 2018, 563, 564-568.	27.8	174
8	Touch and tactile neuropathic pain sensitivity are set by corticospinal projections. <i>Nature</i> , 2018, 561, 547-550.	27.8	171
9	Mechanistic Differences in Neuropathic Pain Modalities Revealed by Correlating Behavior with Global Expression Profiling. <i>Cell Reports</i> , 2018, 22, 1301-1312.	6.4	142
10	Decreased alertness due to sleep loss increases pain sensitivity in mice. <i>Nature Medicine</i> , 2017, 23, 768-774.	30.7	119
11	Differential Implication of Proinflammatory Cytokine Interleukin-6 in the Development of Cephalic versus Extracerebral Neuropathic Pain in Rats. <i>Journal of Neuroscience</i> , 2008, 28, 8489-8501.	3.6	105
12	Doublecortin-Like Kinases Promote Neuronal Survival and Induce Growth Cone Reformation via Distinct Mechanisms. <i>Neuron</i> , 2015, 88, 704-719.	8.1	104
13	NMDA Receptor Activation Underlies the Loss of Spinal Dorsal Horn Neurons and the Transition to Persistent Pain after Peripheral Nerve Injury. <i>Cell Reports</i> , 2018, 23, 2678-2689.	6.4	103
14	Reduction of Neuropathic and Inflammatory Pain through Inhibition of the Tetrahydrobiopterin Pathway. <i>Neuron</i> , 2015, 86, 1393-1406.	8.1	101
15	Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. <i>Cell Reports</i> , 2018, 24, 1865-1879.e9.	6.4	101
16	Natural Killer Cells Degenerate Intact Sensory Afferents following Nerve Injury. <i>Cell</i> , 2019, 176, 716-728.e18.	28.9	98
17	Lentiviral-mediated Targeted NF- κ B Blockade in Dorsal Spinal Cord Glia Attenuates Sciatic Nerve Injury-induced Neuropathic Pain in the Rat. <i>Molecular Therapy</i> , 2007, 15, 687-697.	8.2	95
18	Robust Axonal Regeneration Occurs in the Injured CAST/Ei Mouse CNS. <i>Neuron</i> , 2015, 86, 1215-1227.	8.1	87

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19	Attenuation of pain-related behavior in a rat model of trigeminal neuropathic pain by viral-driven enkephalin overproduction in trigeminal ganglion neurons. <i>Molecular Therapy</i> , 2005, 11, 608-616.	8.2	83
20	Lack of motor recovery after prolonged denervation of the neuromuscular junction is not due to regenerative failure. <i>European Journal of Neuroscience</i> , 2016, 43, 451-462.	2.6	72
21	Ensuring transparency and minimization of methodologic bias in preclinical pain research. <i>Pain</i> , 2016, 157, 901-909.	4.2	70
22	GCH1, BH4 and Pain. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1728-1741.	1.6	56
23	Inhibition of the kinase WNK1/HSN2 ameliorates neuropathic pain by restoring GABA inhibition. <i>Science Signaling</i> , 2016, 9, ra32.	3.6	43
24	Time-Resolved Fast Mammalian Behavior Reveals the Complexity of Protective Pain Responses. <i>Cell Reports</i> , 2017, 20, 89-98.	6.4	41
25	Analgesia by inhibiting tetrahydrobiopterin synthesis. <i>Current Opinion in Pharmacology</i> , 2012, 12, 92-99.	3.5	39
26	Differential anti-neuropathic pain effects of tetrodotoxin in sciatic nerve- versus infraorbital nerve-ligated rats – Behavioral, pharmacological and immunohistochemical investigations. <i>Neuropharmacology</i> , 2010, 58, 474-487.	4.1	30
27	N-methyl-D-aspartate receptor-mediated modulations of the anti-allodynic effects of 5-HT _{1B/1D} receptor stimulation in a rat model of trigeminal neuropathic pain. <i>European Journal of Pain</i> , 2011, 15, 451-458.	2.8	30
28	Optical cuff for optogenetic control of the peripheral nervous system. <i>Journal of Neural Engineering</i> , 2018, 15, 015002.	3.5	29
29	Macrophage monocarboxylate transporter 1 promotes peripheral nerve regeneration after injury in mice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	29
30	Immunolabelling of the 5-HT _{3B} receptor subunit in the central and peripheral nervous systems in rodents. <i>European Journal of Neuroscience</i> , 2007, 26, 355-366.	2.6	24
31	Synaptic Plasticity and Central Sensitization: Author Reply. <i>Journal of Pain</i> , 2010, 11, 801-803.	1.4	22
32	Combining Human and Rodent Genetics to Identify New Analgesics. <i>Neuroscience Bulletin</i> , 2018, 34, 143-155.	2.9	15
33	Sepiapterin Reductase Inhibition Leading to Selective Reduction of Inflammatory Joint Pain in Mice and Increased Urinary Sepiapterin Levels in Humans and Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 57-66.	5.6	13
34	Arachidonic acid containing phosphatidylcholine increases due to microglial activation in ipsilateral spinal dorsal horn following spared sciatic nerve injury. <i>PLoS ONE</i> , 2017, 12, e0177595.	2.5	13
35	Obesity-Induced Breathing Variability During Sleep Is Independent of Apneas and Sleep Fragmentation. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
36	0167 Obesity-Induced Breathing Variability During Sleep Is Not Entirely Attributed to Apneas and Sleep Fragmentation. <i>Sleep</i> , 2022, 45, A77-A78.	1.1	0