

Matthias Ringkamp

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

3,386
citations

567281

15
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

2759
citing authors

#	ARTICLE	IF	CITATIONS
1	Artifact reduction by using alternating polarity stimulus pairs in intraoperative peripheral nerve action potential recording. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1467-1475.	1.6	3
2	Pruriception and neuronal coding in nociceptor subtypes in human and nonhuman primates. <i>ELife</i> , 2021, 10, .	6.0	32
3	Maximum axonal following frequency separates classes of cutaneous unmyelinated nociceptors in the pig. <i>Journal of Physiology</i> , 2021, 599, 1595-1610.	2.9	8
4	Peripheral Sensitization and Loss of Descending Inhibition Is a Hallmark of Chronic Pruritus. <i>Journal of Investigative Dermatology</i> , 2020, 140, 203-211.e4.	0.7	54
5	The revised International Association for the Study of Pain definition of pain: concepts, challenges, and compromises. <i>Pain</i> , 2020, 161, 1976-1982.	4.2	1,880
6	John J. Bonica Award Lecture: Peripheral neuronal hyperexcitability: the "low-hanging" target for safe therapeutic strategies in neuropathic pain. <i>Pain</i> , 2020, 161, S14-S26.	4.2	30
7	Solutions to the technical challenges embedded in the current methods for intraoperative peripheral nerve action potential recordings. <i>Journal of Neurosurgery</i> , 2020, 133, 884-893.	1.6	4
8	Laser speckle imaging to improve clinical outcomes for patients with trigeminal neuralgia undergoing radiofrequency thermocoagulation. <i>Journal of Neurosurgery</i> , 2016, 124, 422-428.	1.6	7
9	Sensory neurons and circuits mediating itch. <i>Nature Reviews Neuroscience</i> , 2014, 15, 19-31.	10.2	259
10	Three functionally distinct classes of C-fibre nociceptors in primates. <i>Nature Communications</i> , 2014, 5, 4122.	12.8	85
11	A sore spot: Central or peripheral generation of chronic neuropathic spontaneous pain?. <i>Pain</i> , 2014, 155, 1189-1191.	4.2	7
12	Nerve growth factor induces sensitization of nociceptors without evidence for increased intraepidermal nerve fiber density. <i>Pain</i> , 2013, 154, 2500-2511.	4.2	56
13	Local Loperamide Injection Reduces Mechanosensitivity of Rat Cutaneous, Nociceptive C-Fibers. <i>PLoS ONE</i> , 2012, 7, e42105.	2.5	4
14	The Differential Effects of Two Sodium Channel Modulators on the Conductive Properties of C-Fibers in Pig Skin In Vivo. <i>Anesthesia and Analgesia</i> , 2012, 115, 560-571.	2.2	17
15	Nerve growth factor selectively decreases activity-dependent conduction slowing in mechano-insensitive C-nociceptors. <i>Pain</i> , 2011, 152, 2138-2146.	4.2	29
16	A Role for Nociceptive, Myelinated Nerve Fibers in Itch Sensation. <i>Journal of Neuroscience</i> , 2011, 31, 14841-14849.	3.6	142
17	Patterns of activity-dependent conduction velocity changes differentiate classes of unmyelinated mechano-insensitive afferents including cold nociceptors, in pig and in human. <i>Pain</i> , 2010, 148, 59-69.	4.2	62
18	Conduction Properties Distinguish Unmyelinated Sympathetic Efferent Fibers and Unmyelinated Primary Afferent Fibers in the Monkey. <i>PLoS ONE</i> , 2010, 5, e9076.	2.5	15

#	ARTICLE	IF	CITATIONS
19	A Role for Polymodal C-Fiber Afferents in Nonhistaminergic Itch. <i>Journal of Neuroscience</i> , 2008, 28, 7659-7669.	3.6	170
20	Separate Peripheral Pathways for Pruritus in Man. <i>Journal of Neurophysiology</i> , 2008, 100, 2062-2069.	1.8	238
21	Psychophysical and Physiological Evidence for Parallel Afferent Pathways Mediating the Sensation of Itch. <i>Journal of Neuroscience</i> , 2007, 27, 7490-7497.	3.6	179
22	Capsaicin Responses in Heat-Sensitive and Heat-Insensitive A-Fiber Nociceptors. <i>Journal of Neuroscience</i> , 2001, 21, 4460-4468.	3.6	105