Atsushi Sakai

List of Publications by Year
in descending order

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33 papers	1,080 citations	535685 17 h-index	488211 31 g-index
34 all docs	34 docs citations	34 times ranked	1604 citing authors

#	Article	IF	Citations
1	IL-33 induces orofacial neuropathic pain through Fyn-dependent phosphorylation of GluN2B in the trigeminal spinal subnucleus caudalis. Brain, Behavior, and Immunity, 2022, 99, 266-280.	2.0	10
2	A New Model for Specific Visualization of Skin Graft Neoangiogenesis Using Flt1-tdsRed BAC Transgenic Mice. Plastic and Reconstructive Surgery, 2021, 148, 89-99.	0.7	2
3	Treatment of adult metachromatic leukodystrophy model mice using intrathecal administration of type 9 AAV vector encoding arylsulfatase A. Scientific Reports, 2021, 11, 20513.	1.6	6
4	Endothelin receptor type A is involved in the development of oxaliplatin-induced mechanical allodynia and cold allodynia acting through spinal and peripheral mechanisms in rats. Molecular Pain, 2021, 17, 174480692110580.	1.0	2
5	Targeting Extracellular miR-21-TLR7 Signaling Provides Long-Lasting Analgesia in Osteoarthritis. Molecular Therapy - Nucleic Acids, 2020, 19, 199-207.	2.3	27
6	Noncontact Phased-Array Ultrasound Facilitates Acute Wound Healing in Mice. Plastic and Reconstructive Surgery, 2020, 145, 348e-359e.	0.7	7
7	Dorsal Root Ganglia Homeobox downregulation in primary sensory neurons contributes to neuropathic pain in rats. Molecular Pain, 2020, 16, 174480692090446.	1.0	1
8	Increased H19 Long Non-coding RNA Expression in Schwann Cells in Peripheral Neuropathic Pain. Journal of Nippon Medical School, 2019, 86, 215-221.	0.3	16
9	MicroRNA and long nonâ€“coding RNA in neuropathic pain. Pain Research, 2019, 34, 219-227.	0.1	1
10	Involvement of the long non-coding RNA Neat1 in the neuropathic pain and neurite outgrowth following nerve injury. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-2-14.	0.0	0
11	Role of miR-17-92 in the functional changes of primary sensory neurons following nerve injury. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-2-20.	0.0	0
12	miRâ€15b mediates oxaliplatinâ€induced chronic neuropathic pain through BACE1 downâ€regulation. British Journal of Pharmacology, 2017, 174, 386-395.	2.7	39
13	MicroRNA cluster miR-17-92 regulates multiple functionally related voltage-gated potassium channels in chronic neuropathic pain. Nature Communications, 2017, 8, 16079.	5.8	90
14	Altered Microglia in the Amygdala Are Involved in Anxiety-related Behaviors of a Copy Number Variation Mouse Model of Autism. Journal of Nippon Medical School, 2015, 82, 92-99.	0.3	14
15	microRNA and Pain. Advances in Experimental Medicine and Biology, 2015, 888, 17-39.	0.8	38
16	Emerging roles of microRNAs in chronic pain. Neurochemistry International, 2014, 77, 58-67.	1.9	53
17	Electrophysiological and pharmacological properties of GABAergic cells in the dorsal raphe nucleus. Journal of Physiological Sciences, 2013, 63, 147-154.	0.9	39
18	Nerve injury-induced upregulation of miR-21 in the primary sensory neurons contributes to neuropathic pain in rats. Biochemical and Biophysical Research Communications, 2013, 435, 176-181.	1.0	82

#	Article	IF	Citations
19	miR-7a alleviates the maintenance of neuropathic pain through regulation of neuronal excitability. Brain, 2013, 136, 2738-2750.	3.7	124
20	Involvement of Tachykinins and NK₁ Receptor in the Joint Inflammation with Collagen Type II-Specific Monoclonal Antibody-Induced Arthritis in Mice. Journal of Nippon Medical School, 2012, 79, 129-138.	0.3	14
21	Hemokinin-1 Gene Expression Is Upregulated in Microglia Activated by Lipopolysaccharide through NF-Î¹B and p38 MAPK Signaling Pathways. PLoS ONE, 2012, 7, e32268.	1.1	22
22	A subset of Î¼-opioid receptor-expressing cells in the rostral ventromedial medulla contribute to thermal hyperalgesia in experimental neuropathic pain. Neuroscience Research, 2011, 70, 35-43.	1.0	12
23	Overexpression of GDNF in the Uninjured DRG Exerts Analgesic Effects on Neuropathic Pain Following Segmental Spinal Nerve Ligation in Mice. Journal of Pain, 2011, 12, 1130-1139.	0.7	31
24	Suppressive Effects of Glycyrrhetinic Acid Derivatives on Tachykinin Receptor Activation and Hyperalgesia. Journal of Pharmacological Sciences, 2011, 117, 180-188.	1.1	8
25	Intra-articular administration of tachykinin NK1 receptor antagonists reduces hyperalgesia and cartilage destruction in the inflammatory joint in rats with adjuvant-induced arthritis. European Journal of Pharmacology, 2011, 668, 163-168.	1.7	27
26	A Local Anesthetic, Ropivacaine, Suppresses Activated Microglia via a Nerve Growth Factor-Dependent Mechanism and Astrocytes via a Nerve Growth Factor-Independent Mechanism in Neuropathic Pain. Molecular Pain, 2011, 7, 1744-8069-7-2.	1.0	34
27	Reversal of hippocampal neuronal maturation by serotonergic antidepressants. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8434-8439.	3.3	187
28	Involvement of neural cell adhesion molecule signaling in glial cell line-derived neurotrophic factor-induced analgesia in a rat model of neuropathic pain. Pain, 2008, 137, 378-388.	2.0	41
29	The Prolonged Analgesic Effect of Epidural Ropivacaine in a Rat Model of Neuropathic Pain. Anesthesia and Analgesia, 2008, 106, 313-320.	1.1	55
30	NCAM as a Target for GDNF-induced Analgesia in Neuropathic Pain. Journal of Nippon Medical School, 2008, 75, 136-137.	0.3	4
31	Expression changes of cation chloride cotransporters in the rat spinal cord following intraplantar formalin. Neuroscience Research, 2006, 56, 435-440.	1.0	42
32	Decreased expression of glial cell line-derived neurotrophic factor signaling in rat models of neuropathic pain. British Journal of Pharmacology, 2004, 141, 1235-1235.	2.7	8
33	Decreased expression of glial cell line-derived neurotrophic factor signaling in rat models of neuropathic pain. British Journal of Pharmacology, 2003, 140, 1252-1260.	2.7	44