Ken-ichiro Hayashida

List of Publications by Year
in descending order

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30	1,085	430874	501196
papers	citations	18 h-index	28 g-index

30	30	30	962
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spinal astrocytes in superficial laminae gate brainstem descending control of mechanosensory hypersensitivity. Nature Neuroscience, 2020, 23, 1376-1387.	14.8	80
2	Recruitment of Descending Noradrenergic Inhibitionï¼šAs a Key Strategy to Treat Neuropathic Pain. The Journal of Japan Society for Clinical Anesthesia, 2020, 40, 233-237.	0.0	0
3	Peripheral nerve injury in rats induces alternations in choice behavior associated with food reinforcement. Journal of Physiological Sciences, 2019, 69, 769-777.	2.1	4
4	Strategies to Treat Chronic Pain and Strengthen Impaired Descending Noradrenergic Inhibitory System. International Journal of Molecular Sciences, 2019, 20, 822.	4.1	45
5	Psychosocial Stress Delays Recovery of Postoperative Pain Following Incisional Surgery in the Rat. Neuroscience, 2018, 382, 35-47.	2.3	15
6	Blockade of Î±2-adrenergic or metabotropic glutamate receptors induces glutamate release in the locus coeruleus to activate descending inhibition in rats with chronic neuropathic hypersensitivity. Neuroscience Letters, 2018, 676, 41-45.	2.1	3
7	Novel agonist of α₄β₂* neuronal nicotinic receptor with antinociceptive efficacy in rodent models of acute and chronic pain. Journal of Pain Research, 2018, Volume 11, 2453-2462.	2.0	7
8	Descending Noradrenergic Inhibition: An Important Mechanism of Gabapentin Analgesia in Neuropathic Pain. Advances in Experimental Medicine and Biology, 2018, 1099, 93-100.	1.6	16
9	Antinociception induced by a novel Î±2A adrenergic receptor agonist in rodents acute and chronic pain models. European Journal of Pharmacology, 2017, 815, 210-218.	3.5	15
10	Gabapentin loses efficacy over time after nerve injury in rats: role of glutamate transporter-1 in the locus coeruleus. Pain, 2016, 157, 2024-2032.	4.2	34
11	Disruption of Spinal Noradrenergic Activation Delays Recovery of Acute Incision-Induced Hypersensitivity and Increases Spinal Glial Activation in the Rat. Journal of Pain, 2016, 17, 190-202.	1.4	18
12	Impaired Pain-evoked Analgesia after Nerve Injury in Rats Reflects Altered Glutamate Regulation in the Locus Coeruleus. Anesthesiology, 2015, 123, 899-908.	2.5	39
13	Individual Differences in Acute Pain-induced Endogenous Analgesia Predict Time to Resolution of Postoperative Pain in the Rat. Anesthesiology, 2015, 122, 895-907.	2.5	41
14	Nerve injury induces a new profile of tactile and mechanical nociceptor input from undamaged peripheral afferents. Journal of Neurophysiology, 2015, 113, 100-109.	1.8	28
15	Down-regulation of astroglial glutamate transporter-1 in the locus coeruleus impairs pain-evoked endogenous analgesia in rats. Neuroscience Letters, 2015, 608, 18-22.	2.1	11
16	Supraspinal Actions of N/OFQ, Morphine and Substance P in Regulating Pain and Itch in Nonhuman Primates. FASEB Journal, 2015, 29, 929.5.	0.5	0
17	Gabapentin increases extracellular glutamatergic level in the locus coeruleus via astroglial glutamate transporter-dependent mechanisms. Neuropharmacology, 2014, 81, 95-100.	4.1	46
18	Peripheral nerve injury and gabapentin, but not their combination, impair attentional behavior via direct effects on noradrenergic signaling in the brain. Pain, 2014, 155, 1935-1942.	4.2	35

#	Article	IF	Citations
19	Substance P-Saporin for Bone Cancer Pain in Dogs. Anesthesiology, 2013, 119, 999-1000.	2.5	6
20	Depletion of Endogenous Noradrenaline Does Not Prevent Spinal Cord Plasticity Following Peripheral Nerve Injury. Journal of Pain, 2012, 13, 49-57.	1.4	21
21	Gabapentin Inhibits Î³-Amino Butyric Acid Release in the Locus Coeruleus but Not in the Spinal Dorsal Horn after Peripheral Nerve Injury in Rats. Anesthesiology, 2012, 116, 1347-1353.	2.5	55
22	Ondansetron Reverses Antihypersensitivity from Clonidine in Rats after Peripheral Nerve Injury. Anesthesiology, 2012, 117, 389-398.	2.5	23
23	A Tropomyosine Receptor Kinase Inhibitor Blocks Spinal Neuroplasticity Essential for the Anti-Hypersensitivity Effects of Gabapentin and Clonidine in Rats With Peripheral Nerve Injury. Journal of Pain, 2011, 12, 94-100.	1.4	12
24	Activation of glutamate transporters in the locus coeruleus paradoxically activates descending inhibition in rats. Brain Research, 2010, 1317, 80-86.	2.2	19
25	Spinal Î±2-Adrenoceptor-mediated Analgesia in Neuropathic Pain Reflects Brain-derived Nerve Growth Factor and Changes in Spinal Cholinergic Neuronal Function. Anesthesiology, 2010, 113, 406-412.	2.5	48
26	Multiplicative interactions to enhance gabapentin to treat neuropathic pain. European Journal of Pharmacology, 2008, 598, 21-26.	3.5	35
27	Brain derived nerve growth factor induces spinal noradrenergic fiber sprouting and enhances clonidine analgesia following nerve injury in rats. Pain, 2008, 136, 348-355.	4.2	80
28	Gabapentin Acts within the Locus Coeruleus to Alleviate Neuropathic Pain. Anesthesiology, 2008, 109, 1077-1084.	2.5	143
29	Gabapentin Activates Spinal Noradrenergic Activity in Rats and Humans and Reduces Hypersensitivity after Surgery. Anesthesiology, 2007, 106, 557-562.	2.5	143
30	Oral Gabapentin Activates Spinal Cholinergic Circuits to Reduce Hypersensitivity after Peripheral Nerve Injury and Interacts Synergistically with Oral Donepezil. Anesthesiology, 2007, 106, 1213-1219.	2.5	63