Hideaki Obata

List of Publications by Year in descending order

23 papers	1,030 citations	516710 16 h-index	642732 23 g-index
24 all docs	24 docs citations	24 times ranked	1103 citing authors

#	Article	IF	Citations
1	Analgesic Mechanisms of Antidepressants for Neuropathic Pain. International Journal of Molecular Sciences, 2017, 18, 2483.	4.1	245
2	Gabapentin Acts within the Locus Coeruleus to Alleviate Neuropathic Pain. Anesthesiology, 2008, 109, 1077-1084.	2.5	143
3	Antiallodynic effect of intrathecally administered 5-HT2 agonists in rats with nerve ligation. Pain, 2001, 90, 173-179.	4.2	80
4	Dexmedetomidine decreases hyperalgesia in neuropathic pain by increasing acetylcholine in the spinal cord. Neuroscience Letters, 2012, 529, 70-74.	2.1	72
5	An increase in spinal cord noradrenaline is a major contributor to the antihyperalgesic effect of antidepressants after peripheral nerve injury in the rat. Pain, 2012, 153, 990-997.	4.2	72
6	Antinociception with Intrathecal ??-Methyl-5-Hydroxytryptamine, a 5-Hydroxytryptamine2A/2C Receptor Agonist, in Two Rat Models of Sustained Pain. Anesthesia and Analgesia, 2003, 96, 1072-1078.	2.2	49
7	Strategies to Treat Chronic Pain and Strengthen Impaired Descending Noradrenergic Inhibitory System. International Journal of Molecular Sciences, 2019, 20, 822.	4.1	45
8	Î±2-Adrenoceptor Activation by Clonidine Enhances Stimulation-evoked Acetylcholine Release from Spinal Cord Tissue after Nerve Ligation in Rats. Anesthesiology, 2005, 102, 657-662.	2.5	42
9	Repeated Administration of Duloxetine Suppresses Neuropathic Pain by Accumulating Effects of Noradrenaline in the Spinal Cord. Anesthesia and Analgesia, 2018, 126, 298-307.	2.2	42
10	Monoamine-Dependent, Opioid-Independent Antihypersensitivity Effects of Intrathecally Administered Milnacipran, a Serotonin Noradrenaline Reuptake Inhibitor, in a Postoperative Pain Model in Rats. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 1059-1065.	2.5	35
11	Repeated Administration of Amitriptyline in Neuropathic Pain: Modulation of the Noradrenergic Descending Inhibitory System. Anesthesia and Analgesia, 2017, 125, 1281-1288.	2.2	32
12	The Antihyperalgesic Effects of Intrathecal Bupropion, a Dopamine and Noradrenaline Reuptake Inhibitor, in a Rat Model of Neuropathic Pain. Anesthesia and Analgesia, 2015, 120, 460-466.	2.2	29
13	Relief of Hypersensitivity after Nerve Injury from Systemic Donepezil Involves Spinal Cholinergic and Î³-Aminobutyric Acid Mechanisms. Anesthesiology, 2013, 118, 173-180.	2.5	28
14	Antihyperalgesic effect of duloxetine and amitriptyline in rats after peripheral nerve injury: Influence of descending noradrenergic plasticity. Neuroscience Letters, 2015, 602, 62-67.	2.1	26
15	Spinal dopaminergic involvement in the antihyperalgesic effect of antidepressants in a rat model of neuropathic pain. Neuroscience Letters, 2017, 649, 116-123.	2.1	20
16	Amitriptyline, but Not Pregabalin, Reverses the Attenuation of Noxious Stimulusâ€“Induced Analgesia After Nerve Injury in Rats. Anesthesia and Analgesia, 2016, 123, 504-510.	2.2	18
17	Brain morphological alternation in chronic pain patients with neuropathic characteristics. Molecular Pain, 2016, 12, 174480691665240.	2.1	13
18	Milnacipran Inhibits Glutamatergic N-Methyl-D-Aspartate Receptor Activity in Spinal Dorsal Horn Neurons. Molecular Pain, 2012, 8, 1744-8069-8-45.	2.1	10

#	Article	IF	Citations
19	Spinal Activation of Tropomyosin Receptor Kinase-B Recovers the Impaired Endogenous Analgesia in Neuropathic Pain Rats. Anesthesia and Analgesia, 2019, 129, 578-586.	2.2	10
20	Tropomyosin Receptor Kinase B Receptor Activation in the Locus Coeruleus Restores Impairment of Endogenous Analgesia at a Late Stage Following Nerve Injury in Rats. Journal of Pain, 2019, 20, 600-609.	1.4	7
21	Loss of endogenous analgesia leads to delayed recovery from incisional pain in a rat model of chronic neuropathic pain. Brain Research, 2020, 1727, 146568.	2.2	7
22	Spinal Î³-aminobutyric acid interneuron plasticity is involved in the reduced analgesic effects of morphine on neuropathic pain. Journal of Pain, 2021, , .	1.4	3
23	The efficacy of duloxetine depends on spinal cholinergic plasticity in neuropathic pain model rats. IBRO Neuroscience Reports, 2022, 12, 188-196.	1.6	2