

Hee Chul Han

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,673
citations

361296

20
h-index

289141

40
g-index

52
all docs

52
docs citations

52
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of ectopic discharges in a rat neuropathic pain model. <i>Pain</i> , 2000, 84, 253-261.	2.0	165
2	Excitatory Actions of GABA in the Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2008, 28, 5450-5459.	1.7	149
3	Ventricular premature beatâ€”driven intermittent restoration of coronary blood flow reduces the incidence of reperfusion-induced ventricular fibrillation in a cat model of regional ischemia. <i>American Heart Journal</i> , 1996, 132, 78-83.	1.2	106
4	Chronic Hyperosmotic Stress Converts GABAergic Inhibition into Excitation in Vasopressin and Oxytocin Neurons in the Rat. <i>Journal of Neuroscience</i> , 2011, 31, 13312-13322.	1.7	83
5	Cell type-specific changes of the membrane properties of peripherally-axotomized dorsal root ganglion neurons in a rat model of neuropathic pain. <i>Neuroscience</i> , 1998, 86, 301-309.	1.1	81
6	GABAergic Excitation of Vasopressin Neurons. <i>Circulation Research</i> , 2013, 113, 1296-1307.	2.0	79
7	A novel method for convenient assessment of arthritic pain in voluntarily walking rats. <i>Neuroscience Letters</i> , 2001, 308, 95-98.	1.0	75
8	Anti-inflammatory effect of low intensity ultrasound (LIUS) on complete Freund's adjuvant-induced arthritis synovium. <i>Osteoarthritis and Cartilage</i> , 2012, 20, 314-322.	0.6	74
9	NMDA receptors are important for both mechanical and thermal allodynia from peripheral nerve injury in rats. <i>NeuroReport</i> , 1997, 8, 2149-2153.	0.6	73
10	Supraspinal involvement in the production of mechanical allodynia by spinal nerve injury in rats. <i>Neuroscience Letters</i> , 1998, 246, 117-119.	1.0	70
11	Voltage-gated calcium channels play crucial roles in the glutamate-induced phase shifts of the rat suprachiasmatic circadian clock. <i>European Journal of Neuroscience</i> , 2005, 21, 1215-1222.	1.2	62
12	Heart Rate Variability and Obesity Indices: Emphasis on the Response to Noise and Standing. <i>Journal of the American Board of Family Medicine</i> , 2005, 18, 97-103.	0.8	62
13	Response properties of hypogastric afferent fibers supplying the uterus in the cat. <i>Brain Research</i> , 1993, 622, 215-225.	1.1	60
14	Adrenergic sensitivity of the sensory receptors modulating mechanical allodynia in a rat neuropathic pain model. <i>Pain</i> , 1999, 80, 589-595.	2.0	53
15	Substance P Plays a Critical Role in Photic Resetting of the Circadian Pacemaker in the Rat Hypothalamus. <i>Journal of Neuroscience</i> , 2001, 21, 4026-4031.	1.7	40
16	Local neurokinin-1 receptor in the knee joint contributes to the induction, but not maintenance, of arthritic pain in the rat. <i>Neuroscience Letters</i> , 2002, 322, 21-24.	1.0	37
17	GABAergic inhibition is weakened or converted into excitation in the oxytocin and vasopressin neurons of the lactating rat. <i>Molecular Brain</i> , 2015, 8, 34.	1.3	32
18	Intraarticular Pretreatment with Ketamine and Memantine Could Prevent Arthritic Pain: Relevance to the Decrease of Spinal c-Fos Expression in Rats. <i>Anesthesia and Analgesia</i> , 2004, 99, 152-158.	1.1	31

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19	The peripheral role of group I metabotropic glutamate receptors on nociceptive behaviors in rats with knee joint inflammation. <i>Neuroscience Letters</i> , 2007, 416, 123-127.	1.0	26
20	Histamine resets the circadian clock in the suprachiasmatic nucleus through the H1R \rightarrow V \rightarrow 1.3 \rightarrow R pathway in the mouse. <i>European Journal of Neuroscience</i> , 2015, 42, 2467-2477.	1.2	22
21	Peripheral group II and III metabotropic glutamate receptors in the knee joint attenuate carrageenan-induced nociceptive behavior in rats. <i>Neuroscience Letters</i> , 2013, 542, 21-25.	1.0	20
22	The glutamatergic N-methyl-d-aspartate and non-N-methyl-d-aspartate receptors in the joint contribute to the induction, but not maintenance, of arthritic pain in rats. <i>Neuroscience Letters</i> , 2003, 351, 177-180.	1.0	19
23	Immediate therapeutic effect of interferential current therapy on spasticity, balance, and gait function in chronic stroke patients: a randomized control trial. <i>Clinical Rehabilitation</i> , 2014, 28, 885-891.	1.0	18
24	Excitatory GABAergic Action and Increased Vasopressin Synthesis in Hypothalamic Magnocellular Neurosecretory Cells Underlie the High Plasma Level of Vasopressin in Diabetic Rats. <i>Diabetes</i> , 2018, 67, 486-495.	0.3	18
25	PAIN-RELIEVING EFFECTS OF ACUPUNCTURE AND ELECTROACUPUNCTURE IN AN ANIMAL MODEL OF ARTHRITIC PAIN. <i>International Journal of Neuroscience</i> , 2006, 116, 1139-1156.	0.8	17
26	Possible Role of GABAergic Depolarization in Neocortical Neurons in Generating Hyperexcitatory Behaviors during Emergence from Sevoflurane Anesthesia in the Rat. <i>ASN Neuro</i> , 2014, 6, AN20140004.	1.5	17
27	Histamine 1 receptor-G β -cAMP/PKA-CFTR pathway mediates the histamine-induced resetting of the suprachiasmatic circadian clock. <i>Molecular Brain</i> , 2016, 9, 49.	1.3	17
28	Electrophysiological evidence for the role of substance P in retinohypothalamic transmission in the rat. <i>Neuroscience Letters</i> , 1999, 274, 99-102.	1.0	16
29	Disc degeneration induces a mechano-sensitization of disc afferent nerve fibers that associates with low back pain. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1608-1617.	0.6	16
30	How the coronavirus disease 2019 pandemic changed medical education and deans' perspectives in Korean medical schools. <i>Korean Journal of Medical Education</i> , 2021, 33, 65-74.	0.6	16
31	Methylene Blue Application to Lessen Pain: Its Analgesic Effect and Mechanism. <i>Frontiers in Neuroscience</i> , 2021, 15, 663650.	1.4	15
32	The contribution of activated peripheral kappa opioid receptors (κ ORs) in the inflamed knee joint to anti-nociception. <i>Brain Research</i> , 2016, 1648, 11-18.	1.1	13
33	Inhibition of the N-methyl-d-aspartate receptor unmasks the antinociception of endogenous opioids in the periphery. <i>Pain</i> , 2009, 143, 233-237.	2.0	12
34	A Single Trial of Transcutaneous Electrical Nerve Stimulation Reduces Chronic Neuropathic Pain Following Median Nerve Injury in Rats. <i>Tohoku Journal of Experimental Medicine</i> , 2014, 232, 207-214.	0.5	11
35	The effects of <i>Chamaecyparis obtusa</i> essential oil on pain-related behavior and expression of pro-inflammatory cytokines in carrageenan-induced arthritis in rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 203-209.	0.6	11
36	Burnout of Faculty Members of Medical Schools in Korea. <i>Journal of Korean Medical Science</i> , 2022, 37, e74.	1.1	11

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37	Clusterin overexpression protects against western diet-induced obesity and NAFLD. <i>Scientific Reports</i> , 2020, 10, 17484.	1.6	7
38	Oestrogen inhibits salt-dependent hypertension by suppressing GABAergic excitation in magnocellular AVP neurons. <i>Cardiovascular Research</i> , 2021, 117, 2263-2274.	1.8	7
39	National Academy of Medicine of Korea (NAMOK) Key Statements on COVID-19. <i>Journal of Korean Medical Science</i> , 2021, 36, e287.	1.1	7
40	Some membrane property changes following axotomy in A β -type DRG cells are related to cold allodynia in rat. <i>NeuroReport</i> , 1999, 10, 1493-1499.	0.6	5
41	Activation of peripheral group III metabotropic glutamate receptors inhibits pain transmission by decreasing neuronal excitability in the CFA-inflamed knee joint. <i>Neuroscience Letters</i> , 2019, 694, 111-115.	1.0	5
42	Development of a novel model of intervertebral disc degeneration by the intradiscal application of monosodium iodoacetate (MIA) in rat. <i>Spine Journal</i> , 2022, 22, 183-192.	0.6	5
43	Methylene blue induces an analgesic effect by significantly decreasing neural firing rates and improves pain behaviors in rats. <i>Biochemical and Biophysical Research Communications</i> , 2021, 541, 36-42.	1.0	3
44	Apoptotic changes in a full-lengthened immobilization model of rat soleus muscle. <i>Muscle and Nerve</i> , 2019, 59, 263-269.	1.0	2
45	Pain-Relieving Effect of 4.4 MHz of Pulsed Radiofrequency on Acute Knee Arthritis in Rats. <i>Pain Medicine</i> , 2020, 21, 1572-1580.	0.9	2
46	Excessive maternal salt intake gives rise to vasopressin-dependent salt sensitivity of blood pressure in male offspring. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 150, 12-22.	0.9	2
47	Analgesic and Anti-inflammatory Effects of Ibuprofen, Indomethacin and NS-398 on an Acute Model of Arthritis in Rats. <i>Daehan Macwi'gwa Haghoeji</i> , 2001, 40, 802.	0.2	1
48	The glutamatergic N-methyl-D-aspartate and non-N-methyl-D-aspartate receptors in the joint contribute to the induction, but not maintenance, of arthritic pain in rats. <i>Neuroscience Letters</i> , 2003, 351, 177-177.	1.0	0
49	Effects of Sex Hormones on Nociception and the Analgesic Action of NSAIDs. <i>Daehan Macwi'gwa Haghoeji</i> , 2003, 44, S20.	0.2	0
50	Peripheral Analgesic and Anti-inflammatory Effects of Diclofenac, SC-560 and NS-398 on Acute Arthritic Model in Rats. <i>Daehan Macwi'gwa Haghoeji</i> , 2004, 46, 336.	0.2	0
51	The role of Korean Council on Medical Education and its future direction. <i>Journal of the Korean Medical Association</i> , 2019, 62, 294.	0.1	0
52	Pain transmission and peripheral group III metabotropic glutamate receptors (mGluRs)., 2022, , 227-238.		0