

Gareth Hathaway

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,781
citations

279487

23
h-index

276539

41
g-index

45
all docs

45
docs citations

45
times ranked

2055
citing authors

#	ARTICLE	IF	CITATIONS
1	Nociceptor-derived brain-derived neurotrophic factor regulates acute and inflammatory but not neuropathic pain. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 539-548.	1.0	148
2	Brief, low frequency stimulation of rat peripheral C-fibres evokes prolonged microglial-induced central sensitization in adults but not in neonates. <i>Pain</i> , 2009, 144, 110-118.	2.0	115
3	Spinal microglia and neuropathic pain in young rats. <i>Pain</i> , 2007, 128, 215-224.	2.0	106
4	The Contribution of Spinal Glial Cells to Chronic Pain Behaviour in the Monosodium Iodoacetate Model of Osteoarthritic Pain. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-88.	1.0	105
5	The changing balance of brainstem spinal cord modulation of pain processing over the first weeks of rat postnatal life. <i>Journal of Physiology</i> , 2009, 587, 2927-2935.	1.3	104
6	Increased function of pronociceptive TRPV1 at the level of the joint in a rat model of osteoarthritis pain. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 252-259.	0.5	95
7	Cannabinoid CB2 Receptors Regulate Central Sensitization and Pain Responses Associated with Osteoarthritis of the Knee Joint. <i>PLoS ONE</i> , 2013, 8, e80440.	1.1	83
8	Neuron-immune mechanisms contribute to pain in early stages of arthritis. <i>Journal of Neuroinflammation</i> , 2016, 13, 96.	3.1	81
9	Somatostatin receptor 2 knockout/lacZknockin mice show impaired motor coordination and reveal sites of somatostatin action within the striatum. <i>European Journal of Neuroscience</i> , 2003, 17, 1881-1895.	1.2	73
10	Stroking modulates noxious-evoked brain activity in human infants. <i>Current Biology</i> , 2018, 28, R1380-R1381.	1.8	67
11	A critical period in the supraspinal control of pain: opioid-dependent changes in brainstem rostroventral medulla function in preadolescence. <i>Pain</i> , 2012, 153, 775-783.	2.0	63
12	The Emergence of Adolescent Onset Pain Hypersensitivity following Neonatal Nerve Injury. <i>Molecular Pain</i> , 2012, 8, 1744-8069-8-30.	1.0	59
13	Identification of somatostatin sst2(a) receptor expressing neurones in central regions involved in nociception. <i>Brain Research</i> , 1998, 798, 25-35.	1.1	58
14	Somatostatin Potently Stimulates In Vivo Striatal Dopamine and 35 S-Aminobutyric Acid Release by a Glutamate-Dependent Action. <i>Journal of Neurochemistry</i> , 1998, 70, 1740-1749.	2.1	58
15	Surgical Injury in the Neonatal Rat Alters the Adult Pattern of Descending Modulation from the Rostroventral Medulla. <i>Anesthesiology</i> , 2015, 122, 1391-1400.	1.3	56
16	Postnatal maturation of endogenous opioid systems within the periaqueductal grey and spinal dorsal horn of the rat. <i>Pain</i> , 2014, 155, 168-178.	2.0	47
17	Midazolam Potentiates Nociceptive Behavior, Sensitizes Cutaneous Reflexes, and Is Devoid of Sedative Action in Neonatal Rats. <i>Anesthesiology</i> , 2008, 108, 122-129.	1.3	47
18	The influence of the descending pain modulatory system on infant pain-related brain activity. <i>ELife</i> , 2018, 7, .	2.8	46

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19	Origins, Actions and Dynamic Expression Patterns of the Neuropeptide VGF in Rat Peripheral and Central Sensory Neurones Following Peripheral Nerve Injury. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-62.	1.0	40
20	Evidence that somatostatin sst2 receptors mediate striatal dopamine release. <i>British Journal of Pharmacology</i> , 1999, 128, 1346-1352.	2.7	34
21	A postnatal switch in GABAergic control of spinal cutaneous reflexes. <i>European Journal of Neuroscience</i> , 2006, 23, 112-118.	1.2	33
22	Time Course and Dose-Dependence of Nerve Growth Factor-Induced Secondary Hyperalgesia in the Mouse. <i>Journal of Pain</i> , 2006, 7, 57-61.	0.7	30
23	Differential contributions of peripheral and central mechanisms to pain in a rodent model of osteoarthritis. <i>Scientific Reports</i> , 2018, 8, 7122.	1.6	28
24	Inhibitory effects of aspirin-triggered resolvins on spinal nociceptive processing in rat pain models. <i>Journal of Neuroinflammation</i> , 2016, 13, 233.	3.1	24
25	Overcoming the Barriers to Greater Public Engagement. <i>PLoS Biology</i> , 2014, 12, e1001761.	2.6	21
26	An mTph2 SNP gives rise to alterations in extracellular 5-HT levels, but not in performance on a delayed-reinforcement task. <i>European Journal of Neuroscience</i> , 2005, 22, 997-1000.	1.2	17
27	Developmental alterations in noxious-evoked EEG activity recorded from rat primary somatosensory cortex. <i>Neuroscience</i> , 2015, 305, 343-350.	1.1	16
28	Spinal neuronal excitability and neuroinflammation in a model of chemotherapeutic neuropathic pain: targeting the resolution pathways. <i>Journal of Neuroinflammation</i> , 2020, 17, 316.	3.1	15
29	The Peptide PnPP-19, a Spider Toxin Derivative, Activates μ -Opioid Receptors and Modulates Calcium Channels. <i>Toxins</i> , 2018, 10, 43.	1.5	14
30	Somatostatin induces striatal dopamine release and contralateral turning behaviour in the mouse. <i>Neuroscience Letters</i> , 2004, 358, 127-131.	1.0	12
31	Age-dependent plasticity in endocannabinoid modulation of pain processing through postnatal development. <i>Pain</i> , 2017, 158, 2222-2232.	2.0	12
32	Risk-Based Learning Games Improve Long-Term Retention of Information among School Pupils. <i>PLoS ONE</i> , 2014, 9, e103640.	1.1	11
33	Somatostatin release by glutamate in vivo is primarily regulated by AMPA receptors. <i>British Journal of Pharmacology</i> , 2001, 134, 1155-1158.	2.7	10
34	A quantification of the relationship between neuronal responses in the rat rostral ventromedial medulla and noxious stimulation-evoked withdrawal reflexes. <i>European Journal of Neuroscience</i> , 2015, 42, 1726-1737.	1.2	10
35	Cancer Chemotherapy in Early Life Significantly Alters the Maturation of Pain Processing. <i>Neuroscience</i> , 2018, 387, 214-229.	1.1	10
36	The challenges of treating osteoarthritis pain and opportunities for novel peripherally directed therapeutic strategies. <i>Neuropharmacology</i> , 2022, 213, 109075.	2.0	9

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37	Lamina-specific population encoding of cutaneous signals in the spinal dorsal horn using multi-electrode arrays. <i>Journal of Physiology</i> , 2019, 597, 377-397.	1.3	7
38	Anxiety enhances pain in a model of osteoarthritis and is associated with altered endogenous opioid function and reduced opioid analgesia. <i>Pain Reports</i> , 2021, 6, e956.	1.4	6
39	Acute and Chronic Pain in Children. <i>Current Topics in Behavioral Neurosciences</i> , 2014, 20, 349-366.	0.8	5
40	The changing role of descending control of spinal nociception over postnatal development. <i>Current Opinion in Physiology</i> , 2019, 11, 93-96.	0.9	5
41	Pain relief in children and adolescents. <i>Pain</i> , 2019, 160, 1687-1688.	2.0	1
42	Developmental pharmacology of opioids. , 2013, , 449-456.		0
43	Neonatal complete Freund's adjuvant-induced inflammation does not induce or alter hyperalgesic priming or alter adult distributions of C-fibre dorsal horn innervation. <i>Pain Reports</i> , 2020, 5, e872.	1.4	0