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List of Publications by Year
in descending order

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Version: 2024-02-01

60 papers	3,367 citations	218677 26 h-index	149698 56 g-index
63 all docs	63 docs citations	63 times ranked	3135 citing authors

#	Article	IF	Citations
1	Changes to the activity and sensitivity of nerves innervating subchondral bone contribute to pain in late-stage osteoarthritis. Pain, 2022, 163, 390-402.	4.2	28
2	In Vivo Survival and Differentiation of Friedreich Ataxia iPSC-Derived Sensory Neurons Transplanted in the Adult Dorsal Root Ganglia. Stem Cells Translational Medicine, 2021, 10, 1157-1169.	3.3	4
3	Suprainguinal fascia iliaca block: does it block the obturator nerve?. Regional Anesthesia and Pain Medicine, 2021, 46, 832.1-832.	2.3	5
4	Anatomical considerations for obturator nerve block with fascia iliaca compartment block. Regional Anesthesia and Pain Medicine, 2021, 46, 806-812.	2.3	12
5	Distribution of Corneal TRPV1 and Its Association With Immune Cells During Homeostasis and Injury. , 2021, 62, 6.		13
6	Piezo2 Knockdown Inhibits Noxious Mechanical Stimulation and NGF-Induced Sensitization in A-Delta Bone Afferent Neurons. Frontiers in Physiology, 2021, 12, 644929.	2.8	23
7	ASIC3 inhibition modulates inflammation-induced changes in the activity and sensitivity of AÎ´ and C fiber sensory neurons that innervate bone. Molecular Pain, 2020, 16, 174480692097595.	2.1	15
8	Partial deletion of p75^{NTR} in largeâ€diameter DRG neurons exerts no influence upon the survival of peripheral sensory neurons in vivo. Journal of Neuroscience Research, 2020, 98, 1987-1998.	2.9	1
9	Identifying spinal afferent (sensory) nerve endings that innervate the marrow cavity and periosteum using anterograde tracing. Journal of Comparative Neurology, 2020, 528, 1903-1916.	1.6	25
10	Peer Tutoring for Anatomy Workshops in Cambodia. Anatomical Sciences Education, 2019, 12, 82-89.	3.7	6
11	A population of nonneuronal GFRÎ±3-expressing cells in the bone marrow resembles nonmyelinating Schwann cells. Cell and Tissue Research, 2019, 378, 441-456.	2.9	6
12	Nerves in Bone: Evolving Concepts in Pain and Anabolism. Journal of Bone and Mineral Research, 2019, 34, 1393-1406.	2.8	116
13	TRPV1 activation alters the function of AÎ´ and C fiber sensory neurons that innervate bone. Bone, 2019, 123, 168-175.	2.9	29
14	The Effects of Diabetes and High-Fat Diet on Polymodal Nociceptor and Cold Thermoreceptor Nerve Terminal Endings in the Corneal Epithelium. , 2019, 60, 209.		14
15	Sequestration of artemin reduces inflammationâ€induced activation and sensitization of bone marrow nociceptors in a rodent model of carrageenanâ€induced inflammatory bone pain. European Journal of Pain, 2019, 23, 397-409.	2.8	20
16	Reply to Dr Cornish. Regional Anesthesia and Pain Medicine, 2019, 44, 270-271.	2.3	0
17	Phenotypic and Functional Characterization of Peripheral Sensory Neurons derived from Human Embryonic Stem Cells. Scientific Reports, 2018, 8, 603.	3.3	38
18	GDNF, Neurturin, and Artemin Activate and Sensitize Bone Afferent Neurons and Contribute to Inflammatory Bone Pain. Journal of Neuroscience, 2018, 38, 4899-4911.	3.6	51

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19	Reply to Dr Chin et al. Regional Anesthesia and Pain Medicine, 2018, 43, 808-809.	2.3	2
20	A Cadaveric Study Investigating the Mechanism of Action of Erector Spinae Blockade. Regional Anesthesia and Pain Medicine, 2018, 43, 567-571.	2.3	371
21	The neurochemistry and morphology of functionally identified corneal polymodal nociceptors and cold thermoreceptors. PLoS ONE, 2018, 13, e0195108.	2.5	31
22	Mechanisms of nerve growth factor signaling in bone nociceptors and in an animal model of inflammatory bone pain. Molecular Pain, 2017, 13, 174480691769701.	2.1	59
23	Mechanically sensitive AÎ´ nociceptors that innervate bone marrow respond to changes in intraâ€osseous pressure. Journal of Physiology, 2017, 595, 4399-4415.	2.9	43
24	TFOS DEWS II pain and sensation report. Ocular Surface, 2017, 15, 404-437.	4.4	437
25	Molecular Mechanisms That Contribute to Bone Marrow Pain. Frontiers in Neurology, 2017, 8, 458.	2.4	31
26	The Physiology of Bone Pain. How Much Do We Really Know?. Frontiers in Physiology, 2016, 7, 157.	2.8	87
27	Determining the Learning Curve for Acquiring Core Sonographic Skills for Ultrasound-Guided Axillary Brachial Plexus Block. Regional Anesthesia and Pain Medicine, 2016, 41, 667-670.	2.3	20
28	Does attendance at anatomy practical classes correlate with assessment outcome? A retrospective study of a large cohort of undergraduate anatomy students. BMC Medical Education, 2015, 15, 231.	2.4	6
29	Transient receptor potential cation channel subfamily V member 1 expressing corneal sensory neurons can be subdivided into at least three subpopulations. Frontiers in Neuroanatomy, 2015, 9, 71.	1.7	69
30	Piezo2 expression in corneal afferent neurons. Journal of Comparative Neurology, 2014, 522, 2967-2979.	1.6	63
31	A small peptide mimetic of brainâ€derived neurotrophic factor promotes peripheral myelination. Journal of Neurochemistry, 2013, 125, 386-398.	3.9	21
32	Sensory and sympathetic innervation of the mouse and guinea pig corneal epithelium. Journal of Comparative Neurology, 2013, 521, 877-893.	1.6	70
33	Peripheral hyperpolarizationâ€activated cyclic nucleotideâ€gated channels contribute to inflammationâ€induced hypersensitivity of the rat temporomandibular joint. European Journal of Pain, 2013, 17, 972-982.	2.8	12
34	N-Glycosylation Determines Ionic Permeability and Desensitization of the TRPV1 Capsaicin Receptor. Journal of Biological Chemistry, 2012, 287, 21765-21772.	3.4	44
35	Ultrasound-Guided Regional Anesthesia. Regional Anesthesia and Pain Medicine, 2012, 37, 334-339.	2.3	96
36	Neurobiology of Temporomandibular Joint Pain: Therapeutic Implications. Seminars in Orthodontics, 2012, 18, 63-72.	1.4	2

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37	Neurochemical classification and projection targets of CART peptide immunoreactive neurons in sensory and parasympathetic ganglia of the head. Neuropeptides, 2012, 46, 55-60.	2.2	13
38	Ultrasoundâ€guided supraâ€inguinal fascia iliaca block: a cadaveric evaluation of a novel approach. Anaesthesia, 2011, 66, 300-305.	3.8	107
39	5â€HT_{1D} Receptor Immunoreactivity in the Sphenopalatine Ganglion: Implications for the Efficacy of Triptans in the Treatment of Autonomic Signs Associated With Cluster Headache. Headache, 2011, 51, 392-402.	3.9	33
40	Peripheral Targets of 5â€HT_{1D} Receptor Immunoreactive Trigeminal Ganglion Neurons. Headache, 2011, 51, 744-751.	3.9	9
41	Collaborative development of anatomy workshops for medical and dental students in Cambodia. Anatomical Sciences Education, 2011, 4, 280-284.	3.7	4
42	Peripheral Nâ€methylâ€<scp>d</scp>â€aspartate receptors contribute to mechanical hypersensitivity in a rat model of inflammatory temporomandibular joint pain. European Journal of Pain, 2011, 15, 179-185.	2.8	29
43	Undergraduate student perceptions of the use of ultrasonography in the study of â€œLiving Anatomyâ€• Anatomical Sciences Education, 2010, 3, 318-322.	3.7	90
44	Ultrasound-Guided Thoracic Paravertebral Blockade. Anesthesia and Analgesia, 2010, 110, 1735-1739.	2.2	164
45	Determination of spread of injectate after ultrasound-guided transversus abdominis plane block: a cadaveric study. British Journal of Anaesthesia, 2009, 102, 123-127.	3.4	282
46	The cortical representation of sensory inputs arising from bone. Brain Research, 2009, 1269, 47-53.	2.2	11
47	Size, neurochemistry, and segmental distribution of sensory neurons innervating the rat tibia. Journal of Comparative Neurology, 2009, 517, 276-283.	1.6	58
48	Hyperpolarization-activated cyclic-nucleotide gated 4 (HCN4) protein is expressed in a subset of rat dorsal root and trigeminal ganglion neurons. Cell and Tissue Research, 2009, 338, 171-177.	2.9	25
49	Spread of injectate after ultrasoundâ€guided subcostal transversus abdominis plane block: a cadaveric study. Anaesthesia, 2009, 64, 745-750.	3.8	143
50	Refining the course of the thoracolumbar nerves: A new understanding of the innervation of the anterior abdominal wall. Clinical Anatomy, 2008, 21, 325-333.	2.7	335
51	The pattern of Fos expression in the spinal dorsal horn following acute noxious mechanical stimulation of bone. European Journal of Pain, 2008, 12, 895-899.	2.8	16
52	Evidence for the involvement of the spinoparabrachial pathway, but not the spinothalamic tract or post-synaptic dorsal column, in acute bone nociception. Neuroscience Letters, 2008, 443, 246-250.	2.1	11
53	Ultrasound-Guided Midthigh Sciatic Nerve Blockâ€”A Clinical and Anatomical Study. Regional Anesthesia and Pain Medicine, 2008, 33, 369-376.	2.3	13
54	The evidence for the spinal segmental innervation of bone. Clinical Anatomy, 2007, 20, 956-960.	2.7	20

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55	Absence of large-diameter sensory fibres in a nerve to the cat humerus. Journal of Anatomy, 2006, 208, 251-255.	1.5	33
56	An intact peripheral nerve preparation for monitoring the activity of single, periosteal afferent nerve fibres. Journal of Neuroscience Methods, 2006, 156, 140-144.	2.5	28
57	MECHANOSENSORY PERCEPTION: ARE THERE CONTRIBUTIONS FROM BONE-ASSOCIATED RECEPTORS?. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 100-108.	1.9	27
58	Cerebellar thalamic activity in the macaque monkey encodes the duration but not the force or velocity of wrist movement. Brain Research, 2005, 1041, 181-197.	2.2	12
59	Automatic detection of bursts in spike trains recorded from the thalamus of a monkey performing wrist movements. Journal of Neuroscience Methods, 1999, 91, 123-133.	2.5	9
60	Arborisation and termination of single motor thalamocortical axons in the rat. , 1998, 396, 121-130.		24