

Jason J Ivanusic

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	TFOS DEWS II pain and sensation report. <i>Ocular Surface</i> , 2017, 15, 404-437.	4.4	437
2	A Cadaveric Study Investigating the Mechanism of Action of Erector Spinae Blockade. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 567-571.	2.3	371
3	Refining the course of the thoracolumbar nerves: A new understanding of the innervation of the anterior abdominal wall. <i>Clinical Anatomy</i> , 2008, 21, 325-333.	2.7	335
4	Determination of spread of injectate after ultrasound-guided transversus abdominis plane block: a cadaveric study. <i>British Journal of Anaesthesia</i> , 2009, 102, 123-127.	3.4	282
5	Ultrasound-Guided Thoracic Paravertebral Blockade. <i>Anesthesia and Analgesia</i> , 2010, 110, 1735-1739.	2.2	164
6	Spread of injectate after ultrasound-guided subcostal transversus abdominis plane block: a cadaveric study. <i>Anaesthesia</i> , 2009, 64, 745-750.	3.8	143
7	Nerves in Bone: Evolving Concepts in Pain and Anabolism. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1393-1406.	2.8	116
8	Ultrasound-guided suprainguinal fascia iliaca block: a cadaveric evaluation of a novel approach. <i>Anaesthesia</i> , 2011, 66, 300-305.	3.8	107
9	Ultrasound-Guided Regional Anesthesia. <i>Regional Anesthesia and Pain Medicine</i> , 2012, 37, 334-339.	2.3	96
10	Undergraduate student perceptions of the use of ultrasonography in the study of "Living Anatomy". <i>Anatomical Sciences Education</i> , 2010, 3, 318-322.	3.7	90
11	The Physiology of Bone Pain. How Much Do We Really Know?. <i>Frontiers in Physiology</i> , 2016, 7, 157.	2.8	87
12	Sensory and sympathetic innervation of the mouse and guinea pig corneal epithelium. <i>Journal of Comparative Neurology</i> , 2013, 521, 877-893.	1.6	70
13	Transient receptor potential cation channel subfamily V member 1 expressing corneal sensory neurons can be subdivided into at least three subpopulations. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 71.	1.7	69
14	Piezo2 expression in corneal afferent neurons. <i>Journal of Comparative Neurology</i> , 2014, 522, 2967-2979.	1.6	63
15	Mechanisms of nerve growth factor signaling in bone nociceptors and in an animal model of inflammatory bone pain. <i>Molecular Pain</i> , 2017, 13, 174480691769701.	2.1	59
16	Size, neurochemistry, and segmental distribution of sensory neurons innervating the rat tibia. <i>Journal of Comparative Neurology</i> , 2009, 517, 276-283.	1.6	58
17	GDNF, Neurturin, and Artemin Activate and Sensitize Bone Afferent Neurons and Contribute to Inflammatory Bone Pain. <i>Journal of Neuroscience</i> , 2018, 38, 4899-4911.	3.6	51
18	N-Glycosylation Determines Ionic Permeability and Desensitization of the TRPV1 Capsaicin Receptor. <i>Journal of Biological Chemistry</i> , 2012, 287, 21765-21772.	3.4	44

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19	Mechanically sensitive A δ nociceptors that innervate bone marrow respond to changes in intraosseous pressure. <i>Journal of Physiology</i> , 2017, 595, 4399-4415.	2.9	43
20	Phenotypic and Functional Characterization of Peripheral Sensory Neurons derived from Human Embryonic Stem Cells. <i>Scientific Reports</i> , 2018, 8, 603.	3.3	38
21	Absence of large-diameter sensory fibres in a nerve to the cat humerus. <i>Journal of Anatomy</i> , 2006, 208, 251-255.	1.5	33
22	5-HT _{1D} Receptor Immunoreactivity in the Sphenopalatine Ganglion: Implications for the Efficacy of Triptans in the Treatment of Autonomic Signs Associated With Cluster Headache. <i>Headache</i> , 2011, 51, 392-402.	3.9	33
23	Molecular Mechanisms That Contribute to Bone Marrow Pain. <i>Frontiers in Neurology</i> , 2017, 8, 458.	2.4	31
24	The neurochemistry and morphology of functionally identified corneal polymodal nociceptors and cold thermoreceptors. <i>PLoS ONE</i> , 2018, 13, e0195108.	2.5	31
25	Peripheral N-methyl-D-aspartate receptors contribute to mechanical hypersensitivity in a rat model of inflammatory temporomandibular joint pain. <i>European Journal of Pain</i> , 2011, 15, 179-185.	2.8	29
26	TRPV1 activation alters the function of A δ and C fiber sensory neurons that innervate bone. <i>Bone</i> , 2019, 123, 168-175.	2.9	29
27	An intact peripheral nerve preparation for monitoring the activity of single, periosteal afferent nerve fibres. <i>Journal of Neuroscience Methods</i> , 2006, 156, 140-144.	2.5	28
28	Changes to the activity and sensitivity of nerves innervating subchondral bone contribute to pain in late-stage osteoarthritis. <i>Pain</i> , 2022, 163, 390-402.	4.2	28
29	MECHANOSENSORY PERCEPTION: ARE THERE CONTRIBUTIONS FROM BONE-ASSOCIATED RECEPTORS?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005, 32, 100-108.	1.9	27
30	Hyperpolarization-activated cyclic-nucleotide gated 4 (HCN4) protein is expressed in a subset of rat dorsal root and trigeminal ganglion neurons. <i>Cell and Tissue Research</i> , 2009, 338, 171-177.	2.9	25
31	Identifying spinal afferent (sensory) nerve endings that innervate the marrow cavity and periosteum using anterograde tracing. <i>Journal of Comparative Neurology</i> , 2020, 528, 1903-1916.	1.6	25
32	Arborisation and termination of single motor thalamocortical axons in the rat. , 1998, 396, 121-130.		24
33	Piezo2 Knockdown Inhibits Noxious Mechanical Stimulation and NGF-Induced Sensitization in A-Delta Bone Afferent Neurons. <i>Frontiers in Physiology</i> , 2021, 12, 644929.	2.8	23
34	A small peptide mimetic of brain-derived neurotrophic factor promotes peripheral myelination. <i>Journal of Neurochemistry</i> , 2013, 125, 386-398.	3.9	21
35	The evidence for the spinal segmental innervation of bone. <i>Clinical Anatomy</i> , 2007, 20, 956-960.	2.7	20
36	Determining the Learning Curve for Acquiring Core Sonographic Skills for Ultrasound-Guided Axillary Brachial Plexus Block. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 667-670.	2.3	20

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37	Sequestration of artemin reduces inflammation-induced activation and sensitization of bone marrow nociceptors in a rodent model of carrageenan-induced inflammatory bone pain. <i>European Journal of Pain</i> , 2019, 23, 397-409.	2.8	20
38	The pattern of Fos expression in the spinal dorsal horn following acute noxious mechanical stimulation of bone. <i>European Journal of Pain</i> , 2008, 12, 895-899.	2.8	16
39	ASIC3 inhibition modulates inflammation-induced changes in the activity and sensitivity of A δ and C fiber sensory neurons that innervate bone. <i>Molecular Pain</i> , 2020, 16, 174480692097595.	2.1	15
40	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
41	Ultrasound-Guided Midthigh Sciatic Nerve Block—A Clinical and Anatomical Study. <i>Regional Anesthesia and Pain Medicine</i> , 2008, 33, 369-376.	2.3	13
42	Neurochemical classification and projection targets of CART peptide immunoreactive neurons in sensory and parasympathetic ganglia of the head. <i>Neuropeptides</i> , 2012, 46, 55-60.	2.2	13
43	Distribution of Corneal TRPV1 and Its Association With Immune Cells During Homeostasis and Injury. , 2021, 62, 6.		13
44	Cerebellar thalamic activity in the macaque monkey encodes the duration but not the force or velocity of wrist movement. <i>Brain Research</i> , 2005, 1041, 181-197.	2.2	12
45	Peripheral hyperpolarization-activated cyclic nucleotide-gated channels contribute to inflammation-induced hypersensitivity of the rat temporomandibular joint. <i>European Journal of Pain</i> , 2013, 17, 972-982.	2.8	12
46	Anatomical considerations for obturator nerve block with fascia iliaca compartment block. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 806-812.	2.3	12
47	Evidence for the involvement of the spinoparabrachial pathway, but not the spinothalamic tract or post-synaptic dorsal column, in acute bone nociception. <i>Neuroscience Letters</i> , 2008, 443, 246-250.	2.1	11
48	The cortical representation of sensory inputs arising from bone. <i>Brain Research</i> , 2009, 1269, 47-53.	2.2	11
49	Automatic detection of bursts in spike trains recorded from the thalamus of a monkey performing wrist movements. <i>Journal of Neuroscience Methods</i> , 1999, 91, 123-133.	2.5	9
50	Peripheral Targets of 5-HT _{1D} Receptor Immunoreactive Trigeminal Ganglion Neurons. <i>Headache</i> , 2011, 51, 744-751.	3.9	9
51	Does attendance at anatomy practical classes correlate with assessment outcome? A retrospective study of a large cohort of undergraduate anatomy students. <i>BMC Medical Education</i> , 2015, 15, 231.	2.4	6
52	Peer Tutoring for Anatomy Workshops in Cambodia. <i>Anatomical Sciences Education</i> , 2019, 12, 82-89.	3.7	6
53	A population of nonneuronal GFR α 3-expressing cells in the bone marrow resembles nonmyelinating Schwann cells. <i>Cell and Tissue Research</i> , 2019, 378, 441-456.	2.9	6
54	Suprainguinal fascia iliaca block: does it block the obturator nerve?. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 832.1-832.	2.3	5

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55	Collaborative development of anatomy workshops for medical and dental students in Cambodia. <i>Anatomical Sciences Education</i> , 2011, 4, 280-284.	3.7	4
56	In Vivo Survival and Differentiation of Friedreich Ataxia iPSC-Derived Sensory Neurons Transplanted in the Adult Dorsal Root Ganglia. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1157-1169.	3.3	4
57	Neurobiology of Temporomandibular Joint Pain: Therapeutic Implications. <i>Seminars in Orthodontics</i> , 2012, 18, 63-72.	1.4	2
58	Reply to Dr Chin et al. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 808-809.	2.3	2
59	Partial deletion of p75 ^{NTR} in large-diameter DRG neurons exerts no influence upon the survival of peripheral sensory neurons <i>in vivo</i> . <i>Journal of Neuroscience Research</i> , 2020, 98, 1987-1998.	2.9	1
60	Reply to Dr Cornish. <i>Regional Anesthesia and Pain Medicine</i> , 2019, 44, 270-271.	2.3	0