

Damir Sapunar

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,914
citations

279798

23
h-index

276875

41
g-index

72
all docs

72
docs citations

72
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Dorsal root ganglion – a potential new therapeutic target for neuropathic pain. <i>Journal of Pain Research</i> , 2012, 5, 31.	2.0	143
2	Detection of Neuropathic Pain in a Rat Model of Peripheral Nerve Injury. <i>Anesthesiology</i> , 2004, 101, 476-487.	2.5	138
3	Extracting data from figures with software was faster, with higher interrater reliability than manual extraction. <i>Journal of Clinical Epidemiology</i> , 2016, 74, 119-123.	5.0	132
4	Effect of Electrical Field Stimulation on Dorsal Root Ganglion Neuronal Function. <i>Neuromodulation</i> , 2013, 16, 304-311.	0.8	126
5	Distinct Membrane Effects of Spinal Nerve Ligation on Injured and Adjacent Dorsal Root Ganglion Neurons in Rats. <i>Anesthesiology</i> , 2005, 103, 360-376.	2.5	102
6	Direct injection into the dorsal root ganglion: Technical, behavioral, and histological observations. <i>Journal of Neuroscience Methods</i> , 2011, 199, 43-55.	2.5	82
7	Failure of action potential propagation in sensory neurons: mechanisms and loss of afferent filtering in Cé type units after painful nerve injury. <i>Journal of Physiology</i> , 2013, 591, 1111-1131.	2.9	81
8	Apoptosis and active caspase-3 expression in human granulosa cells. <i>Fertility and Sterility</i> , 2005, 83, 426-431.	1.0	70
9	Painful Peripheral Nerve Injury Decreases Calcium Current in Axotomized Sensory Neurons. <i>Anesthesiology</i> , 2006, 105, 160-168.	2.5	63
10	Survival Analysis of Untreated Patients With Non-Small-Cell Lung Cancer. <i>Chest</i> , 1994, 106, 1797-1800.	0.8	56
11	Modulators of Calcium Influx Regulate Membrane Excitability in Rat Dorsal Root Ganglion Neurons. <i>Anesthesia and Analgesia</i> , 2008, 107, 673-685.	2.2	52
12	ATP-sensitive potassium channels in rat primary afferent neurons: the effect of neuropathic injury and gabapentin. <i>Neuroscience Letters</i> , 2003, 343, 185-189.	2.1	48
13	Lidocaine Injection into the Rat Dorsal Root Ganglion Causes Neuroinflammation. <i>Anesthesia and Analgesia</i> , 2009, 108, 1021-1026.	2.2	45
14	Intraganglionic AAV6 Results in Efficient and Long-Term Gene Transfer to Peripheral Sensory Nervous System in Adult Rats. <i>PLoS ONE</i> , 2013, 8, e61266.	2.5	41
15	Predictors of Attrition and Academic Success of Medical Students: A 30-Year Retrospective Study. <i>PLoS ONE</i> , 2012, 7, e39144.	2.5	40
16	Adherence to Pharmacological Treatment of Chronic Nonmalignant Pain in Individuals Aged 65 and Older. <i>Pain Medicine</i> , 2013, 14, 247-256.	1.9	38
17	Role of mitotic, pro-apoptotic and anti-apoptotic factors in human kidney development. <i>Pediatric Nephrology</i> , 2006, 21, 627-636.	1.7	34
18	Developmental patterns of caspase-3, bax and bcl-2 proteins expression in the human spinal ganglia. <i>Journal of Molecular Histology</i> , 2008, 39, 339-349.	2.2	27

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19	Restoration of Calcium Influx Corrects Membrane Hyperexcitability in Injured Rat Dorsal Root Ganglion Neurons. <i>Anesthesia and Analgesia</i> , 2008, 107, 1045-1051.	2.2	27
20	Expression of Calcium/Calmodulin-Dependent Protein Kinase II and Pain-Related Behavior in Rat Models of Type 1 and Type 2 Diabetes. <i>Anesthesia and Analgesia</i> , 2013, 116, 712-721.	2.2	26
21	Electrical Stimulation of Dorsal Root Ganglion in the Context of Pain: A Systematic Review of In Vitro and In Vivo Animal Model Studies. <i>Neuromodulation</i> , 2018, 21, 213-224.	0.8	26
22	Depression of Ca ²⁺ /calmodulin-dependent protein kinase II in dorsal root ganglion neurons after spinal nerve ligation. <i>Journal of Comparative Neurology</i> , 2010, 518, 64-74.	1.6	24
23	Characterization of spinal afferent neurons projecting to different chambers of the rat heart. <i>Neuroscience Letters</i> , 2010, 469, 314-318.	2.1	24
24	Attenuation of pain-related behavior evoked by injury through blockade of neuropeptide Y ₂ receptor. <i>Pain</i> , 2011, 152, 1173-1181.	4.2	24
25	Targeted delivery of pharmacological agents into rat dorsal root ganglion. <i>Journal of Neuroscience Methods</i> , 2009, 177, 397-402.	2.5	23
26	Demographics and motives of medical school applicants in Croatia. <i>Medical Teacher</i> , 2007, 29, e227-e234.	1.8	22
27	Web-Based Elective Courses for Medical Students: An Example in Pain. <i>Pain Medicine</i> , 2011, 12, 854-863.	1.9	22
28	Differences in origin and fate between the cranial and caudal spinal cord during normal and disturbed human development. <i>Acta Neuropathologica</i> , 1996, 91, 194-199.	7.7	20
29	Characterization of dorsal root ganglion neurons cultured on silicon micro-pillar substrates. <i>Scientific Reports</i> , 2016, 6, 39560.	3.3	19
30	The effects of intraganglionic injection of calcium/calmodulin-dependent protein kinase II inhibitors on pain-related behavior in diabetic neuropathy. <i>Neuroscience</i> , 2014, 256, 302-308.	2.3	18
31	Efficacy and Safety of Pulsed Radiofrequency as a Method of Dorsal Root Ganglia Stimulation in Patients with Neuropathic Pain: A Systematic Review. <i>Pain Medicine</i> , 2020, 21, 3320-3343.	1.9	18
32	Parents' Pain Catastrophizing is Related to Pain Catastrophizing of Their Adult Children. <i>International Journal of Behavioral Medicine</i> , 2012, 19, 115-119.	1.7	17
33	Sex differences in pain-related behavior and expression of calcium/calmodulin-dependent protein kinase II in dorsal root ganglia of rats with diabetes type 1 and type 2. <i>Acta Histochemica</i> , 2013, 115, 496-504.	1.8	16
34	Improving completion rates of students in biomedical PhD programs: an interventional study. <i>BMC Medical Education</i> , 2017, 17, 144.	2.4	16
35	Association of neural inflammation with hyperalgesia following spinal nerve ligation. <i>Croatian Medical Journal</i> , 2007, 48, 35-42.	0.7	16
36	The extent of laminectomy affects pain-related behavior in a rat model of neuropathic pain. <i>European Journal of Pain</i> , 2009, 13, 243-248.	2.8	15

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37	Immunohistochemical characteristics of neurons in nodose ganglia projecting to the different chambers of the rat heart. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 155, 33-38.	2.8	15
38	<p>Neuromodulation with electrical field stimulation of dorsal root ganglion in various pain syndromes: a systematic review with focus on participant selection</p>. <i>Journal of Pain Research</i> , 2019, Volume 12, 803-830.	2.0	15
39	Effect of peripheral axotomy on pain-related behavior and dorsal root ganglion neurons excitability in NPY transgenic rats. <i>Brain Research</i> , 2005, 1063, 48-58.	2.2	14
40	Gender and Academic Medicine: A Good Pipeline of Women Graduates Is Not Advancing. <i>Teaching and Learning in Medicine</i> , 2008, 20, 273-278.	2.1	13
41	War injuries of the crural arteries. <i>British Journal of Surgery</i> , 2005, 82, 777-783.	0.3	12
42	Pain catastrophizing changes during the menstrual cycle. <i>Psychology, Health and Medicine</i> , 2013, 18, 735-741.	2.4	12
43	Histological features of axial structures during embryonic and fetal stages of human craniorachischisis. <i>Acta Neuropathologica</i> , 1993, 86, 289-294.	7.7	11
44	Clinical and Radiological Management of Wartime Eye and Orbit Injuries. <i>Military Medicine</i> , 1998, 163, 423-426.	0.8	11
45	Attenuation of pain-related behaviour evoked by carrageenan injection through blockade of neuropeptide <sc>Y</sc>1 and <sc>Y</sc>2 receptors. <i>European Journal of Pain</i> , 2013, 17, 493-504.	2.8	9
46	Regulation of voltage-gated Ca ²⁺ currents by Ca ²⁺ /calmodulin-dependent protein kinase II in resting sensory neurons. <i>Molecular and Cellular Neurosciences</i> , 2014, 62, 10-18.	2.2	9
47	Ways to address the challenges of a modern medical curriculum: Living academic medicine at the University of Split, School of Medicine. <i>Acta Medica Academica</i> , 2012, 41, 7-17.	0.8	9
48	Cell death in developing human spinal cord. <i>Anatomy and Embryology</i> , 2005, 211, 1-9.	1.5	8
49	Morphological Characteristics of Dying Cells in Axial Structures of Developing Human Embryos. <i>Cells Tissues Organs</i> , 2001, 169, 347-354.	2.3	7
50	Regional Differences in Epidermal Thickness and Behavioral Response Following Partial Denervation of the Rat Paw. <i>International Journal of Neuroscience</i> , 2008, 118, 1726-1740.	1.6	7
51	Intrathecal inhibition of calcium/calmodulin-dependent protein kinase II in diabetic neuropathy adversely affects pain-related behavior. <i>Neuroscience Letters</i> , 2013, 554, 126-130.	2.1	7
52	Calcium/calmodulin-dependent protein kinase II in dorsal horn neurons in long-term diabetes. <i>NeuroReport</i> , 2013, 24, 992-996.	1.2	7
53	Current State of Reporting Pain Outcomes in Cochrane Reviews of Chronic Musculoskeletal Pain Conditions and Considerations for an OMERACT Research Agenda. <i>Journal of Rheumatology</i> , 2015, 42, 1934-1942.	2.0	7
54	Efficacy and safety of pulsed radiofrequency as a method of dorsal root ganglia stimulation for treatment of non-neuropathic pain: a systematic review. <i>BMC Anesthesiology</i> , 2020, 20, 105.	1.8	7

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55	Testing treatments interactive (TTi): helping to equip the public to promote better research for better health care. <i>Journal of Evidence-Based Medicine</i> , 2015, 8, 98-102.	2.4	6
56	Analysis of the elective curriculum in undergraduate medical education in Croatia. <i>Medical Education</i> , 2010, 44, 387-395.	2.1	5
57	Assessing Clinical and Life Sciences Performance of Research Institutions in Split, Croatia, 2000-2006. <i>Croatian Medical Journal</i> , 2008, 49, 164-174.	0.7	4
58	Treatment of Chronic Musculoskeletal Back Pain in a Tertiary Care Pain Clinic. <i>Journal of Musculoskeletal Pain</i> , 2012, 20, 277-283.	0.3	4
59	Physicians's attitudes about interprofessional treatment of chronic pain: family physicians are considered the most important collaborators. <i>Scandinavian Journal of Caring Sciences</i> , 2013, 27, 303-310.	2.1	4
60	Impact of extended course duration and stricter study organization on attrition and academic performance of medical students. <i>Croatian Medical Journal</i> , 2013, 54, 192-197.	0.7	4
61	Behavioral Changes Following Experimentally-Induced Acute Myocardial Infarction in Rats. <i>International Heart Journal</i> , 2014, 55, 169-177.	1.0	4
62	Hyperalgesia-Type Response Reveals No Difference in Pain-Related Behavior Between Wistar and Sprague-Dawley Rats. <i>Bosnian Journal of Basic Medical Sciences</i> , 2008, 7, 123-128.	1.0	3
63	Multiple authorship in a small medical journal: A case study of theCroatian Medical Journal. <i>Journal of the Association for Information Science and Technology</i> , 2006, 57, 1073-1078.	2.6	2
64	Short History of Just Mentorship and Support. <i>Croatian Medical Journal</i> , 2008, 49, 18-21.	0.7	2
65	Postlaminectomy Stabilization of the Spine in a Rat Model of Neuropathic Pain Reduces Pain-Related Behavior. <i>Spine</i> , 2012, 37, 1874-1882.	2.0	2
66	Medical Support to a Nonprofessional Brigade during the Croatian Operation Storm. <i>Military Medicine</i> , 1997, 162, 37-40.	0.8	1
67	Turning Croatian Science into Policy. <i>Croatian Medical Journal</i> , 2008, 49, 155-157.	0.7	1
68	Impedance measurement of bipolar stimulation electrodes immersed in medium. , 2018, , .		1
69	Measurement and evaluation of health education. <i>Social Science and Medicine</i> , 1996, 43, 1525.	3.8	0
70	How to learn and teach in medical school: A learner-centered approach. <i>Social Science and Medicine</i> , 1996, 43, 132.	3.8	0
71	Impact of a recruitment campaign on students's applications o medical school. <i>Acta Medica Academica</i> , 2013, 42, 32-40.	0.8	0
72	Implantable, Programmable, and Wireless Device for Electrical Stimulation of the Dorsal Root Ganglion in Freely-Moving Rats: A Proof of Concept Study. <i>Journal of Pain Research</i> , 2021, Volume 14, 3759-3772.	2.0	0