

Bengt Linderoth

List of Publications by Year in descending order

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139
papers

8,368
citations

41344

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49909

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144
all docs

144
docs citations

144
times ranked

3995
citing authors

#	ARTICLE	IF	CITATIONS
1	The Appropriate Use of Neurostimulation of the Spinal Cord and Peripheral Nervous System for the Treatment of Chronic Pain and Ischemic Diseases: The Neuromodulation Appropriateness Consensus Committee. <i>Neuromodulation</i> , 2014, 17, 515-550.	0.8	441
2	Release of I^3 -Aminobutyric Acid in the Dorsal Horn and Suppression of Tactile Allodynia by Spinal Cord Stimulation in Mononeuropathic Rats. <i>Neurosurgery</i> , 1996, 39, 367-375.	1.1	338
3	Spinal cord stimulation attenuates augmented dorsal horn release of excitatory amino acids in mononeuropathy via a GABAergic mechanism. <i>Pain</i> , 1997, 73, 87-95.	4.2	311
4	Physiology of Spinal Cord Stimulation: Review and Update. <i>Neuromodulation</i> , 1999, 2, 150-164.	0.8	281
5	Possible role of inflammatory mediators in tactile hypersensitivity in rat models of mononeuropathy. <i>Pain</i> , 2000, 88, 239-248.	4.2	265
6	Spinal cord stimulation attenuates dorsal horn neuronal hyperexcitability in a rat model of mononeuropathy. <i>Pain</i> , 1999, 79, 223-233.	4.2	199
7	Effects of spinal cord stimulation on touch-evoked allodynia involve GABAergic mechanisms. An experimental study in the mononeuropathic rat. <i>Pain</i> , 1996, 66, 287-295.	4.2	176
8	Dorsal Column Stimulation Induces Release of Serotonin and Substance P in the Cat Dorsal Horn. <i>Neurosurgery</i> , 1992, 31, 289-297.	1.1	172
9	Parameters of Spinal Cord Stimulation and Their Role in Electrical Charge Delivery: A Review. <i>Neuromodulation</i> , 2016, 19, 373-384.	0.8	171
10	Cholinergic mechanisms involved in the pain relieving effect of spinal cord stimulation in a model of neuropathy. <i>Pain</i> , 2008, 139, 136-145.	4.2	164
11	Therapy using implanted organic bioelectronics. <i>Science Advances</i> , 2015, 1, e1500039.	10.3	161
12	Conventional and Novel Spinal Stimulation Algorithms: Hypothetical Mechanisms of Action and Comments on Outcomes. <i>Neuromodulation</i> , 2017, 20, 525-533.	0.8	152
13	Effect of spinal cord stimulation on tactile hypersensitivity in mononeuropathic rats is potentiated by simultaneous GABAB and adenosine receptor activation. <i>Neuroscience Letters</i> , 1998, 247, 183-186.	2.1	146
14	Putative mechanisms behind effects of spinal cord stimulation on vascular diseases: A review of experimental studies. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008, 138, 9-23.	2.8	141
15	Mode of Action of Spinal Cord Stimulation in Neuropathic Pain. <i>Journal of Pain and Symptom Management</i> , 2006, 31, S6-S12.	1.2	139
16	Sympathetic Mediation of Peripheral Vasodilation Induced by Spinal Cord Stimulation. <i>Neurosurgery</i> , 1994, 35, 711-719.	1.1	137
17	Pain relief by spinal cord stimulation involves serotonergic mechanisms: An experimental study in a rat model of mononeuropathy. <i>Pain</i> , 2009, 147, 241-248.	4.2	133
18	Peripheral Vasodilatation after Spinal Cord Stimulation: Animal Studies of Putative Effector Mechanisms. <i>Neurosurgery</i> , 1991, 28, 187-195.	1.1	129

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19	Spinal NMDA receptor phosphorylation correlates with the presence of neuropathic signs following peripheral nerve injury in the rat. <i>Neuroscience Letters</i> , 2006, 399, 85-90.	2.1	129
20	Avoiding Complications From Spinal Cord Stimulation: Practical Recommendations From an International Panel of Experts. <i>Neuromodulation</i> , 2007, 10, 24-33.	0.8	127
21	Encapsulated Cell Biodelivery of Nerve Growth Factor to the Basal Forebrain in Patients with Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 33, 18-28.	1.5	123
22	Spinal 5-HT receptors that contribute to the pain-relieving effects of spinal cord stimulation in a rat model of neuropathy. <i>Pain</i> , 2011, 152, 1666-1673.	4.2	119
23	Gamma-aminobutyric Acid Is Released in the Dorsal Horn by Electrical Spinal Cord Stimulation. <i>Neurosurgery</i> , 1994, 34, 484-489.	1.1	118
24	Targeted delivery of nerve growth factor to the cholinergic basal forebrain of Alzheimer's disease patients: application of a second-generation encapsulated cell biodelivery device. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 30.	6.2	110
25	Targeted delivery of nerve growth factor via encapsulated cell biodelivery in Alzheimer disease: a technology platform for restorative neurosurgery. <i>Journal of Neurosurgery</i> , 2012, 117, 340-347.	1.6	107
26	Gabapentin and pregabalin suppress tactile allodynia and potentiate spinal cord stimulation in a model of neuropathy. <i>European Journal of Pain</i> , 2002, 6, 261-272.	2.8	104
27	Effects of Sympathectomy on Skin and Muscle Microcirculation during Dorsal Column Stimulation: Animal Studies. <i>Neurosurgery</i> , 1991, 29, 874-879.	1.1	103
28	Mechanisms of Spinal Cord Stimulation in Painful Syndromes: Role of Animal Models. <i>Pain Medicine</i> , 2006, 7, S14-S26.	1.9	100
29	The Appropriate Use of Neurostimulation: New and Evolving Neurostimulation Therapies and Applicable Treatment for Chronic Pain and Selected Disease States. <i>Neuromodulation</i> , 2014, 17, 599-615.	0.8	100
30	Efficacy of Kilohertz-Frequency and Conventional Spinal Cord Stimulation in Rat Models of Different Pain Conditions. <i>Neuromodulation</i> , 2014, 17, 226-235.	0.8	99
31	Intrathecal baclofen as adjuvant therapy to enhance the effect of spinal cord stimulation in neuropathic pain: a pilot study. <i>European Journal of Pain</i> , 2004, 8, 377-383.	2.8	96
32	Adenosine receptor activation suppresses tactile hypersensitivity and potentiates spinal cord stimulation in mononeuropathic rats. <i>Neuroscience Letters</i> , 1997, 223, 173-176.	2.1	94
33	Factors That Influence Outcome of Percutaneous Balloon Compression in the Treatment of Trigeminal Neuralgia. <i>Neurosurgery</i> , 2010, 67, 925-934.	1.1	90
34	Determining the Feasibility of Spinal Cord Neuromodulation for the Treatment of Chronic Systolic Heart Failure. <i>JACC: Heart Failure</i> , 2016, 4, 129-136.	4.1	90
35	Neural Mechanisms of Spinal Cord Stimulation. <i>International Review of Neurobiology</i> , 2012, 107, 87-119.	2.0	87
36	Baclofen-enhanced spinal cord stimulation and intrathecal baclofen alone for neuropathic pain: Long-term outcome of a pilot study. <i>European Journal of Pain</i> , 2008, 12, 132-136.	2.8	82

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37	Spinal cord stimulation inhibits long-term potentiation of spinal wide dynamic range neurons. <i>Brain Research</i> , 2003, 973, 39-43.	2.2	79
38	Comparison of percutaneous balloon compression and glycerol rhizotomy for the treatment of trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2010, 113, 486-492.	1.6	76
39	Spinal Cord Stimulation. <i>Anesthesiology</i> , 2010, 113, 1265-1267.	2.5	74
40	Brain Changes in Alzheimer's Disease Patients with Implanted Encapsulated Cells Releasing Nerve Growth Factor. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1059-1072.	2.6	71
41	Repeated spinal cord stimulation decreases the extracellular level of \hat{I}^3 -aminobutyric acid in the periaqueductal gray matter of freely moving rats. <i>Brain Research</i> , 1995, 699, 231-241.	2.2	70
42	Percutaneous Retrogasserian Balloon Compression for Trigeminal Neuralgia: Review of Critical Technical Details and Outcomes. <i>World Neurosurgery</i> , 2013, 79, 359-368.	1.3	70
43	Photochemically induced ischaemic lesion of the rat sciatic nerve. A novel method providing high incidence of mononeuropathy. <i>NeuroReport</i> , 1996, 7, 2619-2624.	1.2	68
44	Spinal cord stimulation in adolescents with complex regional pain syndrome type I (CRPS \hat{I}). <i>European Journal of Pain</i> , 2008, 12, 53-59.	2.8	68
45	Spinal cord stimulation effects on myocardial ischemia, infarct size, ventricular arrhythmia, and noninvasive electrophysiology in a porcine ischemia \hat{I} reperfusion model. <i>Heart Rhythm</i> , 2011, 8, 892-898.	0.7	63
46	Low intensity spinal cord stimulation may induce cutaneous vasodilation via CGRP release. <i>Brain Research</i> , 2001, 896, 183-187.	2.2	59
47	The predictive power of balloon shape and change of sensory functions on outcome of percutaneous balloon compression for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2010, 113, 498-507.	1.6	59
48	Intrathecal Clonidine and Baclofen Enhance the Pain-Relieving Effect of Spinal Cord Stimulation. <i>Neurosurgery</i> , 2010, 67, 173-181.	1.1	57
49	Intrathecal Clonidine Potentiates Suppression of Tactile Hypersensitivity by Spinal Cord Stimulation in a Model of Neuropathy. <i>Anesthesia and Analgesia</i> , 2004, 99, 135-139.	2.2	55
50	Muscarinic receptor activation potentiates the effect of spinal cord stimulation on pain-related behavior in rats with mononeuropathy. <i>Neuroscience Letters</i> , 2008, 436, 7-12.	2.1	51
51	Changes in CSF cholinergic biomarkers in response to cell therapy with NGF in patients with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 1316-1328.	0.8	50
52	Activation of cannabinoid CB1 receptor contributes to suppression of spinal nociceptive transmission and inhibition of mechanical hypersensitivity by $A\hat{I}^2$ -fiber stimulation. <i>Pain</i> , 2016, 157, 2582-2593.	4.2	50
53	In vivo release of serotonin in cat dorsal vagal complex and cervical ventral horn induced by electrical stimulation of the medullary raphe nuclei. <i>Brain Research</i> , 1990, 535, 227-236.	2.2	48
54	Mechanisms of sustained cutaneous vasodilation induced by spinal cord stimulation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 114, 55-60.	2.8	48

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55	Roles of peripheral terminals of transient receptor potential vanilloid-1 containing sensory fibers in spinal cord stimulation-induced peripheral vasodilation. <i>Brain Research</i> , 2007, 1156, 80-92.	2.2	48
56	Response to spinal cord stimulation in variants of the spared nerve injury pain model. <i>Neuroscience Letters</i> , 2006, 400, 115-120.	2.1	47
57	Attenuation by spinal cord stimulation of a nociceptive reflex generated by colorectal distention in a rat model. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003, 104, 17-24.	2.8	46
58	Neuromodulation therapy does not influence blood flow distribution or left-ventricular dynamics during acute myocardial ischemia. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2001, 91, 47-54.	2.8	45
59	Role of primary afferents in spinal cord stimulation-induced vasodilation: characterization of fiber types. <i>Brain Research</i> , 2003, 959, 191-198.	2.2	45
60	Supraspinal Mechanisms of Spinal Cord Stimulation for Modulation of Pain. <i>Anesthesiology</i> , 2019, 130, 651-665.	2.5	45
61	Implantation of Laminotomy Electrodes for Spinal Cord Stimulation in Spinal Anesthesia with Intraoperative Dorsal Column Activation. <i>Neurosurgery</i> , 2003, 53, 1150-1154.	1.1	44
62	Tachykinin release from rat spinal cord in vitro and in vivo in response to various stimuli. <i>Regulatory Peptides</i> , 1988, 21, 129-140.	1.9	42
63	Sensory fibers containing vanilloid receptor-1 (VR-1) mediate spinal cord stimulation-induced vasodilation. <i>Brain Research</i> , 2006, 1107, 177-184.	2.2	42
64	Modulation of Spinal Pain Mechanisms by Spinal Cord Stimulation and the Potential Role of Adjuvant Pharmacotherapy. <i>Stereotactic and Functional Neurosurgery</i> , 1997, 68, 129-140.	1.5	41
65	The cholinergic system in subtypes of Alzheimer's disease: an in vivo longitudinal MRI study. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 51.	6.2	41
66	Spinal Cord Stimulation Improves Survival in Ischemic Skin Flaps: An Experimental Study of the Possible Mediation by Calcitonin Gene-Related Peptide. <i>Plastic and Reconstructive Surgery</i> , 1999, 103, 1221-1228.	1.4	39
67	"The failed back surgery syndrome": Definition and therapeutic algorithms " An update. <i>European Journal of Pain Supplements</i> , 2010, 4, 273-286.	0.0	39
68	RNA-seq of spinal cord from nerve-injured rats after spinal cord stimulation. <i>Molecular Pain</i> , 2018, 14, 174480691881742.	2.1	39
69	Preemptive Spinal Cord Stimulation Reduces Ischemia in an Animal Model of Vasospasm. <i>Neurosurgery</i> , 1995, 37, 266-272.	1.1	38
70	Effects of spinal cord stimulation with "standard clinical" and higher frequencies on peripheral blood flow in rats. <i>Brain Research</i> , 2010, 1313, 53-61.	2.2	37
71	High-dose spinal cord stimulation for patients with failed back surgery syndrome: a multicenter effectiveness and prediction study. <i>Pain</i> , 2021, 162, 582-590.	4.2	37
72	Spinal cord activation differentially modulates ischaemic electrical responses to different stressors in canine ventricles. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 111, 37-47.	2.8	35

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73	Spinal cord stimulation attenuates visceromotor reflexes in a rat model of post-inflammatory colonic hypersensitivity. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 122, 69-76.	2.8	35
74	Neuromodulation of Thoracic Intraspinal Visceroreceptive Transmission by Electrical Stimulation of Spinal Dorsal Column and Somatic Afferents in Rats. <i>Journal of Pain</i> , 2008, 9, 71-78.	1.4	34
75	Meningitis due to <i>gemella haemolysans</i> after neurosurgical treatment of trigeminal neuralgia. <i>Scandinavian Journal of Infectious Diseases</i> , 1991, 23, 503-505.	1.5	33
76	Effects of spinal cord stimulation on the flexor reflex and involvement of supraspinal mechanisms: an experimental study in mononeuropathic rats. <i>Journal of Neurosurgery</i> , 1996, 84, 244-249.	1.6	32
77	Extracellular signal-regulated kinase (ERK) and protein kinase B (AKT) pathways involved in spinal cord stimulation (SCS)-induced vasodilation. <i>Brain Research</i> , 2008, 1207, 73-83.	2.2	32
78	Increased efficacy of early spinal cord stimulation in an animal model of neuropathic pain. <i>European Journal of Pain</i> , 2011, 15, 111-117.	2.8	32
79	Microdialysis in pain research. <i>Advanced Drug Delivery Reviews</i> , 2003, 55, 1065-1079.	13.7	30
80	Local cooling alters neural mechanisms producing changes in peripheral blood flow by spinal cord stimulation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003, 104, 117-127.	2.8	28
81	Mechanism of dorsal root ganglion stimulation for pain relief in painful diabetic polyneuropathy is not dependent on GABA release in the dorsal horn of the spinal cord. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 136-143.	3.9	28
82	Dorsal column stimulation: modulation of somatosensory and autonomic function. <i>Seminars in Neuroscience</i> , 1995, 7, 263-277.	2.2	26
83	Spinal GABAergic Mechanisms in the Effects of Spinal Cord Stimulation in a Rodent Model of Neuropathic Pain: Is GABA Synthesis Involved?. <i>Neuromodulation</i> , 2013, 16, 114-120.	0.8	26
84	Therapeutic value of spinal cord stimulation in irritable bowel syndrome: a randomized crossover pilot study. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R887-R894.	1.8	25
85	Spinal cord stimulation prevents paclitaxel-induced mechanical and cold hypersensitivity and modulates spinal gene expression in rats. <i>Pain Reports</i> , 2019, 4, e785.	2.7	25
86	Spinal cord stimulation in ischemia and ischemic pain Possible mechanisms of action. , 1995, , 19-35.		25
87	Spinal Cord Stimulation Improves Survival in Ischemic Skin Flaps: An Experimental Study of the Possible Mediation by Calcitonin Gene-Related Peptide. <i>Plastic and Reconstructive Surgery</i> , 1999, 103, 1221-1228.	1.4	24
88	Spinal cord stimulation: A brief update on mechanisms of action. <i>European Journal of Pain Supplements</i> , 2009, 3, 89-93.	0.0	24
89	Magnetic Resonance Imaging Exploration of the Human Brain During 10 kHz Spinal Cord Stimulation for Failed Back Surgery Syndrome: A Resting State Functional Magnetic Resonance Imaging Study. <i>Neuromodulation</i> , 2020, 23, 46-55.	0.8	23
90	Dorsal Root Ganglion Stimulation in Experimental Painful Diabetic Polyneuropathy: Delayed Wash-Out of Pain Relief After Low-Frequency (1Hz) Stimulation. <i>Neuromodulation</i> , 2020, 23, 177-184.	0.8	23

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91	High-Frequency (1 kHz) Spinal Cord Stimulation—Is Pulse Shape Crucial for the Efficacy? A Pilot Study. <i>Neuromodulation</i> , 2015, 18, 714-720.	0.8	22
92	Spinal Cord Stimulation With “Conventional Clinical” and Higher Frequencies on Activity and Responses of Spinal Neurons to Noxious Stimuli: An Animal Study. <i>Neuromodulation</i> , 2018, 21, 440-447.	0.8	22
93	The Interaction Between Antidepressant Drugs and the Pain-Relieving Effect of Spinal Cord Stimulation in a Rat Model of Neuropathy. <i>Anesthesia and Analgesia</i> , 2011, 113, 1260-1265.	2.2	21
94	Identifying goals in patients with chronic pain: A European survey. <i>European Journal of Pain</i> , 2021, 25, 1959-1970.	2.8	21
95	Long-Term Spinal Cord Stimulation Alleviates Mechanical Hypersensitivity and Increases Peripheral Cutaneous Blood Perfusion in Experimental Painful Diabetic Polyneuropathy. <i>Neuromodulation</i> , 2018, 21, 472-479.	0.8	19
96	DIPLOPIA AFTER BALLOON COMPRESSION OF RETROGASSERIAN GANGLION ROOTLETS FOR TRIGEMINAL NEURALGIA. <i>Neurosurgery</i> , 2008, 62, E533-E534.	1.1	17
97	Opposite effects of spinal cord stimulation in different phases of carrageenan-induced hyperalgesia. <i>European Journal of Pain</i> , 1999, 3, 365-374.	2.8	16
98	The Impact of Electrical Charge Delivery on Inhibition of Mechanical Hypersensitivity in Nerve-Injured Rats by Sub-Sensory Threshold Spinal Cord Stimulation. <i>Neuromodulation</i> , 2019, 22, 163-171.	0.8	16
99	Dorsal Column Stimulation Induces Release of Serotonin and Substance P in the Cat Dorsal Horn. <i>Neurosurgery</i> , 1992, 31, 289-297.	1.1	16
100	Effects of spinal cord stimulation on heart rate variability in patients with Failed Back Surgery Syndrome. <i>PLoS ONE</i> , 2019, 14, e0219076.	2.5	15
101	Effects of spinal cord stimulation on voxel-based brain morphometry in patients with failed back surgery syndrome. <i>Clinical Neurophysiology</i> , 2020, 131, 2578-2587.	1.5	15
102	Effects of Spinal Cord Stimulation on Peripheral Blood Circulation in Rats With Streptozotocin-Induced Diabetes. <i>Neuromodulation</i> , 2007, 10, 216-223.	0.8	14
103	Effectiveness of dorsal root ganglion stimulation and dorsal column spinal cord stimulation in a model of experimental painful diabetic polyneuropathy. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 367-374.	3.9	14
104	The Long-Term Response to High-Dose Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome After Conversion From Standard Spinal Cord Stimulation: An Effectiveness and Prediction Study. <i>Neuromodulation</i> , 2021, 24, 546-555.	0.8	14
105	Exploration of the Supraspinal Hypotheses about Spinal Cord Stimulation and Dorsal Root Ganglion Stimulation: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 2766.	2.4	14
106	Spinal cord and brain stimulation. , 2006, , 563-582.		13
107	Cortical Mapping in Conventional and High Dose Spinal Cord Stimulation: An Exploratory Power Spectrum and Functional Connectivity Analysis With Electroencephalography. <i>Neuromodulation</i> , 2020, 23, 74-81.	0.8	12
108	“Mirror pain” and indications of bilateral dorsal horn activation in response to unilateral nociception. <i>Pain</i> , 1994, 58, 277.	4.2	11

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109	Cerebrospinal fluid from Alzheimer patients affects cell-mediated nerve growth factor production and cell survival in vitro. <i>Experimental Cell Research</i> , 2018, 371, 175-184.	2.6	11
110	Effects of Spinal Cord Stimulation on Heart Rate Variability in Patients With Failed Back Surgery Syndrome: Comparison Between a 24-hour ECG and a Wearable Device. <i>Neuromodulation</i> , 2021, 24, 512-519.	0.8	11
111	Mechanisms of Spinal Cord Stimulation in Neuropathic and Ischemic Pain Syndromes. , 2009, , 345-354.		11
112	Effects of Spinal Cord Stimulation on Cardiac Sympathetic Nerve Activity in Patients with Heart Failure. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 504-513.	1.2	10
113	Dependence of c-fos Expression on Amplitude of High-Frequency Spinal Cord Stimulation in a Rodent Model. <i>Neuromodulation</i> , 2019, 22, 172-178.	0.8	10
114	A Regions of Interest Voxel-Based Morphometry Study of the Human Brain During High-Frequency Spinal Cord Stimulation in Patients With Failed Back Surgery Syndrome. <i>Pain Practice</i> , 2020, 20, 878-888.	1.9	10
115	A Review of Techniques for Biodelivery of Nerve Growth Factor (NGF) to the Brain in Relation to Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1331, 167-191.	1.6	10
116	Spinal Cord Stimulation. , 2009, , 1005-1011.		9
117	Spinal Cord Stimulation. , 2018, , 161-178.		9
118	The influence of High Dose Spinal Cord Stimulation on the descending pain modulatory system in patients with failed back surgery syndrome. <i>NeuroImage: Clinical</i> , 2019, 24, 102087.	2.7	9
119	Pharmacologically enhanced spinal cord stimulation for pain: an evolving strategy. <i>Pain Management</i> , 2011, 1, 441-449.	1.5	7
120	One Hundred Eleven Percutaneous Balloon Compressions for Trigeminal Neuralgia in a Cohort of 66 Patients with Multiple Sclerosis. <i>Operative Neurosurgery</i> , 2019, 17, 452-459.	0.8	7
121	Modulation of Spinal Nociceptive Transmission by Sub-Sensory Threshold Spinal Cord Stimulation in Rats After Nerve Injury. <i>Neuromodulation</i> , 2020, 23, 36-45.	0.8	7
122	The Link Between Spinal Cord Stimulation and the Parasympathetic Nervous System in Patients With Failed Back Surgery Syndrome. <i>Neuromodulation</i> , 2021, , .	0.8	7
123	Severe Peripheral Ischemia After Vasospasm May Be Prevented By Spinal Cord Stimulation. A Preliminary Report of a Study in a Free-Flap Animal Model. <i>Acta Neurochirurgica Supplementum</i> , 1995, 64, 101-105.	1.0	7
124	Gamma-aminobutyric Acid Is Released in the Dorsal Horn by Electrical Spinal Cord Stimulation. <i>Neurosurgery</i> , 1994, 34, 484-489.	1.1	7
125	Invasive neurostimulation in facial pain and headache syndromes. <i>European Journal of Pain Supplements</i> , 2011, 5, 409-421.	0.0	6
126	Spinal cord stimulation in heart failure: effect on disease-associated biomarkers. <i>European Journal of Heart Failure</i> , 2017, 19, 283-286.	7.1	5

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127	Spinal Cord Stimulation for Chronic Pain. , 2012, , 1455-1468.		3
128	Acute effect of spinal cord stimulation on autonomic nervous system function in patients with heart failure. Journal of Applied Biomedicine, 2021, 19, 133-141.	1.7	3
129	Retrogasserian Glycerol Rhizolysis in Trigeminal Neuralgia. , 2012, , 1393-1408.		3
130	Fast Alpha Activity in EEG of Patients With Alzheimer's Disease Is Paralleled by Changes in Cognition and Cholinergic Markers During Encapsulated Cell Biodelivery of Nerve Growth Factor. Frontiers in Aging Neuroscience, 2022, 14, 756687.	3.4	3
131	Amyloid-Beta Peptides and Activated Astroglia Impairs Proliferation of Nerve Growth Factor Releasing Cells In Vitro: Implication for Encapsulated Cell Biodelivery-Mediated AD Therapy. Cells, 2021, 10, 2834.	4.1	2
132	Preemptive Spinal Cord Stimulation Reduces Ischemia in an Animal Model of Vasospasm. Neurosurgery, 1995, 37, 266-272.	1.1	1
133	Poor sleep and pain: Does spinal oxidative stress play a role?. Scandinavian Journal of Pain, 2011, 2, 62-63.	1.3	0
134	P2-383: ENCAPSULATED CELL BIODELIVERY OF NGF TO CHOLINERGIC BASAL FOREBRAIN IN ALZHEIMER'S DISEASE PATIENTS: A DOSE-ESCALATION STUDY. , 2014, 10, P618-P619.		0
135	P2-387: NGF CELL THERAPY IN AD PATIENTS: EFFECTS ON CSF CHOLINERGIC BIOMARKERS. , 2014, 10, P620-P620.		0
136	Neurotransmitter and Inflammatory Correlates in Experimental Neuropathy: Modulation by Electric Spinal Cord Stimulation. , 2000, , 57-68.		0
137	Spinal cord stimulation produced vasodilation in streptozotocin-induced diabetic rats. FASEB Journal, 2007, 21, A1370.	0.5	0
138	Estimulaci3n medular y cerebral. , 2007, , 577-597.		0
139	Effects of Spinal Cord Stimulation with different frequencies on blood flow in the rat hind paw. FASEB Journal, 2008, 22, 967.11.	0.5	0