

Richard B North

List of Publications by Year in descending order

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107
papers

8,196
citations

81900

39
h-index

46799

89
g-index

107
all docs

107
docs citations

107
times ranked

2430
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinal cord stimulation versus conventional medical management for neuropathic pain: A multicentre randomised controlled trial in patients with failed back surgery syndrome. <i>Pain</i> , 2007, 132, 179-188.	4.2	944
2	Spinal Cord Stimulation versus Repeated Lumbosacral Spine Surgery for Chronic Pain: A Randomized, Controlled Trial. <i>Neurosurgery</i> , 2005, 56, 98-107.	1.1	850
3	THE EFFECTS OF SPINAL CORD STIMULATION IN NEUROPATHIC PAIN ARE SUSTAINED. <i>Neurosurgery</i> , 2008, 63, 762-770.	1.1	584
4	Spinal Cord Stimulation for Chronic, Intractable Pain. <i>Neurosurgery</i> , 1993, 32, 384-395.	1.1	486
5	Success Using Neuromodulation With BURST (SUNBURST) Study: Results From a Prospective, Randomized Controlled Trial Using a Novel Burst Waveform. <i>Neuromodulation</i> , 2018, 21, 56-66.	0.8	336
6	Spinal cord stimulation for chronic, intractable pain: Superiority of "multi-channel" devices. <i>Pain</i> , 1991, 44, 119-130.	4.2	303
7	Spinal Cord Stimulation versus Reoperation for Failed Back Surgery Syndrome: A Cost Effectiveness and Cost Utility Analysis Based on a Randomized, Controlled Trial. <i>Neurosurgery</i> , 2007, 61, 361-369.	1.1	279
8	Failed Back Surgery Syndrome: 5-Year Follow-Up after Spinal Cord Stimulator Implantation. <i>Neurosurgery</i> , 1991, 28, 692-699.	1.1	269
9	Low-grade cerebral astrocytomas: Survival and quality of life after radiation therapy. <i>Cancer</i> , 1990, 66, 6-14.	4.1	243
10	Specificity of diagnostic nerve blocks: a prospective, randomized study of sciatica due to lumbosacral spine disease. <i>Pain</i> , 1996, 65, 77-85.	4.2	179
11	Cost-effectiveness analysis of spinal cord stimulation in treatment of failed back surgery syndrome. <i>Journal of Pain and Symptom Management</i> , 1997, 13, 286-295.	1.2	167
12	Spinal Cord Compression Complicating Subarachnoid Infusion of Morphine: Case Report and Laboratory Experience. <i>Neurosurgery</i> , 1991, 29, 778-784.	1.1	166
13	Radiofrequency lumbar facet denervation: analysis of prognostic factors. <i>Pain</i> , 1994, 57, 77-83.	4.2	165
14	Spinal Cord Stimulation Electrode Design: A Prospective, Randomized, Controlled Trial Comparing Percutaneous with Laminectomy Electrodes: Part II "Clinical Outcomes. <i>Neurosurgery</i> , 2005, 57, 990-996.	1.1	163
15	The Cost-effectiveness of Spinal Cord Stimulation in the Treatment of Failed Back Surgery Syndrome. <i>Clinical Journal of Pain</i> , 2010, 26, 463-469.	1.9	147
16	Epidural Spinal Cord Stimulation with a Multiple Electrode Paddle Lead Is Effective in Treating Intractable Low Back Pain. <i>Neuromodulation</i> , 2001, 4, 59-66.	0.8	142
17	Spinal Cord Stimulation for Axial Low Back Pain. <i>Spine</i> , 2005, 30, 1412-1418.	2.0	136
18	A Prospective, Randomized Study of Spinal Cord Stimulation versus Reoperation for Failed Back Surgery Syndrome: Initial Results. <i>Stereotactic and Functional Neurosurgery</i> , 1994, 62, 267-272.	1.5	133

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19	Surgical management of spinal metastases: analysis of prognostic factors during a 10-year experience. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 564-573.	1.7	120
20	The cost effectiveness of spinal cord stimulation in the treatment of pain: a systematic review of the literature. <i>Journal of Pain and Symptom Management</i> , 2004, 27, 370-378.	1.2	119
21	Spinal cord stimulation electrode design: prospective, randomized, controlled trial comparing percutaneous and laminectomy electrodes-part I: technical outcomes. <i>Neurosurgery</i> , 2002, 51, 381-9; discussion 389-90.	1.1	115
22	Incidence and Avoidance of Neurologic Complications with Paddle Type Spinal Cord Stimulation Leads. <i>Neuromodulation</i> , 2011, 14, 412-422.	0.8	113
23	Percutaneous retrogasserian glycerol rhizotomy. <i>Journal of Neurosurgery</i> , 1990, 72, 851-856.	1.6	109
24	Spinal Cord Stimulation for Chronic Pain of Spinal Origin. <i>Spine</i> , 2002, 27, 2584-2591.	2.0	106
25	Dorsal root ganglionectomy for failed back surgery syndrome: a 5-year follow-up study. <i>Journal of Neurosurgery</i> , 1991, 74, 236-242.	1.6	105
26	Multicolumn spinal cord stimulation for predominant back pain in failed back surgery syndrome patients: a multicenter randomized controlled trial. <i>Pain</i> , 2019, 160, 1410-1420.	4.2	100
27	Prognostic Value of Psychological Testing in Patients Undergoing Spinal Cord Stimulation: A Prospective Study. <i>Neurosurgery</i> , 1996, 39, 301-311.	1.1	93
28	Spinal Cord Stimulation Electrode Design: Prospective, Randomized, Controlled Trial Comparing Percutaneous and Laminectomy Electrodesâ€”Part I: Technical Outcomes. <i>Neurosurgery</i> , 2002, 51, 381-390.	1.1	84
29	Persistent Spinal Pain Syndrome: A Proposal for Failed Back Surgery Syndrome and ICD-11. <i>Pain Medicine</i> , 2021, 22, 807-818.	1.9	81
30	Systematic review and meta-analysis of placebo/sham controlled randomised trials of spinal cord stimulation for neuropathic pain. <i>Pain</i> , 2020, 161, 24-35.	4.2	78
31	Postural Changes in Spinal Cord Stimulation Perceptual Thresholds. <i>Neuromodulation</i> , 1998, 1, 171-175.	0.8	58
32	Fusion of the Occiput to the Upper Cervical Spine. <i>Spine</i> , 1991, 16, S490-S494.	2.0	50
33	Pneumosinus dilatans: A sign of intracranial meningioma. <i>World Neurosurgery</i> , 1996, 46, 471-474.	1.3	50
34	The Psychological Assessment of Candidates for Spinal Cord Stimulation for Chronic Pain Management. <i>Pain Practice</i> , 2004, 4, 204-221.	1.9	48
35	Spinal Cord Stimulation for Axial Low Back Pain: A Prospective Controlled Trial Comparing 16-Contact Insulated Electrodes with 4-Contact Percutaneous Electrodes. <i>Neuromodulation</i> , 2006, 9, 56-67.	0.8	48
36	Prevention of percutaneous electrode migration in spinal cord stimulation by a modification of the standard implantation technique. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 300-303.	1.7	46

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37	Automated "pain drawing"™ analysis by computer-controlled, patient-interactive neurological stimulation system. <i>Pain</i> , 1992, 50, 51-57.	4.2	45
38	Electrical Stimulation of the Spinal Cord and Peripheral Nerves for Pain Control. <i>Stereotactic and Functional Neurosurgery</i> , 1981, 44, 207-217.	1.5	43
39	Randomized Placebo-/Sham-Controlled Trials of Spinal Cord Stimulation: A Systematic Review and Methodological Appraisal. <i>Neuromodulation</i> , 2020, 23, 10-18.	0.8	42
40	Artificial neural networks: application to electrical stimulation of the human nervous system. <i>Neurosurgical Focus</i> , 1997, 2, E3.	2.3	41
41	Automated, Patient-interactive, Spinal Cord Stimulator Adjustment: A Randomized Controlled Trial. <i>Neurosurgery</i> , 2003, 52, 572-580.	1.1	40
42	Prevention of Percutaneous Spinal Cord Stimulation Electrode Migration: A 15-Year Experience. <i>Neuromodulation</i> , 2014, 17, 670-677.	0.8	38
43	Research design considerations for randomized controlled trials of spinal cord stimulation for pain: Initiative on Methods, Measurement, and Pain Assessment in Clinical Trials/Institute of Neuromodulation/International Neuromodulation Society recommendations. <i>Pain</i> , 2021, 162, 1935-1956.	4.2	38
44	Patient-interactive, computer-controlled neurological stimulation system: clinical efficacy in spinal cord stimulator adjustment. <i>Journal of Neurosurgery</i> , 1992, 76, 967-972.	1.6	35
45	Postoperative Infections Associated With Prolonged Spinal Cord Stimulation Trial Duration (PROMISE) Tj ETQq1 1 0.784314 ggBT /Ov 0.8	0.8	35
46	Multiple spinal metastases from paraganglioma. <i>Cancer</i> , 1990, 66, 2224-2228.	4.1	31
47	NANS Training Requirements for Spinal Cord Stimulation Devices: Selection, Implantation, and Follow-up. <i>Neuromodulation</i> , 2009, 12, 171-174.	0.8	30
48	Spinal Cord Stimulation for Failed Back Surgery Syndrome: Technical Advances, Patient Selection and Outcome. <i>Neuromodulation</i> , 1999, 2, 171-178.	0.8	28
49	Consensus Conference on the Neurosurgical Management of Pain. <i>Neurosurgery</i> , 1994, 34, 756-761.	1.1	28
50	Treatment of Spinal Pain Syndromes. <i>New England Journal of Medicine</i> , 1996, 335, 1763-1764.	27.0	27
51	Monitoring of Spinal Cord Stimulation Evoked Potentials during Thoracoabdominal Aneurysm Surgery. <i>Neurosurgery</i> , 1991, 28, 325-330.	1.1	26
52	Attenuation of cerebellar tremor with implantation of an intrathecal baclofen pump: the role of β -aminobutyric acidergic pathways in cerebellar tremor. <i>Journal of Neurosurgery</i> , 2003, 99, 768-771.	1.6	26
53	Tonic and burst spinal cord stimulation waveforms for the treatment of chronic, intractable pain: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 569.	1.6	26
54	Spinal Cord Stimulation With Interleaved Pulses: A Randomized, Controlled Trial. <i>Neuromodulation</i> , 2007, 10, 349-357.	0.8	25

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55	Implantable pumps for drug delivery to the brain. <i>Journal of Neuro-Oncology</i> , 1995, 26, 133-139.	2.9	24
56	Amphetamine isomers: Influences on locomotor and stereotyped behavior of cats. <i>Pharmacology Biochemistry and Behavior</i> , 1974, 2, 115-118.	2.9	22
57	Surgical Treatment of Focal Epilepsy in Children; Results in 37 Patients. <i>Pediatric Neurosurgery</i> , 1997, 26, 83-92.	0.7	22
58	Redefining Spinal Cord Stimulation –Trials– A Randomized Controlled Trial Using Single-Stage Wireless Permanent Implantable Devices. <i>Neuromodulation</i> , 2020, 23, 96-101.	0.8	22
59	L-Prolyl-L-leucyl-glycinamide (PLG): influences on locomotor and stereotyped behavior of cats. <i>Brain Research</i> , 1973, 63, 435-439.	2.2	20
60	Patient-Interactive, Microprocessor-Controlled Neurological Stimulation System. <i>Neuromodulation</i> , 1998, 1, 185-193.	0.8	20
61	Spinal Cord Stimulator Adjustment to Maximize Implanted Battery Longevity: A Randomized, Controlled Trial Using a Computerized, Patient-Interactive Programmer. <i>Neuromodulation</i> , 2004, 7, 13-25.	0.8	20
62	Multiple cerebral hemorrhages following chymopapain chemonucleolysis. <i>Journal of Neurosurgery</i> , 1984, 61, 169-171.	1.6	19
63	Hiding in Plain Sight: A Case of Tarlov Perineural Cysts. <i>Journal of Pain</i> , 2010, 11, 833-837.	1.4	19
64	The role of spinal cord stimulation in contemporary pain management. <i>APS Journal</i> , 1993, 2, 91-99.	0.2	17
65	Primary intracerebral small-cell osteosarcoma in an adolescent girl: report of a case. <i>Journal of Neuro-Oncology</i> , 1997, 32, 169-174.	2.9	16
66	Consensus Conference on the Neurosurgical Management of Pain. <i>Neurosurgery</i> , 1994, 34, 756-761.	1.1	12
67	Spinal Cord Stimulation Electrode Design: A Prospective Randomized, Controlled Trial Comparing Percutaneous and Laminectomy Electrodes. <i>Stereotactic and Functional Neurosurgery</i> , 1999, 73, 134-134.	1.5	12
68	Allergy Considerations in Implanted Neuromodulation Devices. <i>Neuromodulation</i> , 2021, 24, 1307-1316.	0.8	11
69	Psychological criteria are outcome measures as well as prognostic factors. <i>Pain Forum</i> , 1996, 5, 111-114.	1.1	10
70	The glass is half full. <i>Pain Forum</i> , 1999, 8, 195-197.	1.1	10
71	Spinal Cord Compression by Catheter Granulomas in High-dose Intrathecal Morphine Therapy: Case Report. <i>Neurosurgery</i> , 1999, 44, 691-691.	1.1	10
72	Systematic Review of Research Methods and Reporting Quality of Randomized Clinical Trials of Spinal Cord Stimulation for Pain. <i>Journal of Pain</i> , 2021, 22, 127-142.	1.4	9

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73	Chronic Dorsal Column Stimulation via Percutaneously Inserted Epidural Electrodes. Stereotactic and Functional Neurosurgery, 1977, 40, 184-191.	1.5	8
74	Spinal Cord Compression by Catheter Granulomas in High-dose Intrathecal Morphine Therapy: Case Report. Neurosurgery, 1998, 42, 1180-1181.	1.1	8
75	Cost-Effectiveness Model Shows Superiority of Wireless Spinal Cord Stimulation Implantation Without a Separate Trial. Neuromodulation, 2021, 24, 596-603.	0.8	8
76	Questions about Turner et al. Spinal cord stimulation for failed back surgery syndrome: Outcomes in a worker's compensation setting. Pain, 2010, 151, 550-551.	4.2	7
77	SCS Trial Duration. Neuromodulation, 2003, 6, 4-5.	0.8	6
78	Glossary of Neurostimulation Terminology: Collaborative Neuromodulation Foundation, Institute of Neuromodulation, and International Neuromodulation Society Project. Neuromodulation, 2022, 25, 1050-1058.	0.8	6
79	Neurostimulation for pain of spinal origin. Clinical Neurosurgery, 2006, 53, 272-8.	0.2	4
80	Computer-Controlled, Patient-Interactive, Multichannel, Implanted Neurological Stimulators. Stereotactic and Functional Neurosurgery, 1987, 50, 39-41.	1.5	3
81	Spinal cord stimulation paresthesia and activity of primary afferents. Journal of Neurosurgery: Spine, 2012, 17, 363-366.	1.7	3
82	WIKISTIM.org: An On-Line Database of Published Neurostimulation Studies. Neuromodulation, 2018, 21, 828-836.	0.8	3
83	History of Spinal Cord Stimulation. , 2018, , 587-596.		3
84	Examining the Need to Standardize Implanted Stimulator Connectors: NANS Survey Results. Neuromodulation, 2021, 24, 1299-1306.	0.8	3
85	Reporting Guidelines for Clinical Trial Protocols and Reports of Implantable Neurostimulation Devices: Protocol for the SPIRIT-iNeurostim and CONSORT-iNeurostim Extensions. Neuromodulation, 2022, 25, 1045-1049.	0.8	3
86	Reply to J. Devulder. Pain, 1991, 46, 237.	4.2	2
87	Comments on Marchand et al., PAIN , 45 (1991) 249-257. Pain, 1992, 49, 156-157.	4.2	2
88	Is Neurosurgery Safe?. World Neurosurgery, 2014, 82, 1048-1049.	1.3	2
89	Neuromodulation Device Comparison Studies Come of Age. Pain Medicine, 2017, 18, 2261-2262.	1.9	2
90	Neuromodulation Device Comparison Studies: Coming of Age Revisited. Pain Medicine, 2018, 19, 2096-2097.	1.9	2

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91	Trends in Utilization and Cost of Inpatient Spinal Cord Stimulation: Analysis of Data from 2008 to 2014. <i>World Neurosurgery</i> , 2021, 147, e171-e188.	1.3	2
92	Does SCS Help Reduce Opioid Usage?. <i>Pain Medicine</i> , 2021, 22, 772-773.	1.9	2
93	Comments from the Editor for Spinal Disorders. <i>Neuromodulation</i> , 1998, 1, 106.	0.8	1
94	A Call for Rigorous SCS Studies. <i>Medical Care</i> , 2011, 49, e28-e28.	2.4	1
95	Post Hoc Ergo Propter Hoc?. <i>Neuromodulation</i> , 2011, 14, 485-485.	0.8	1
96	Advances in Neurostimulation for Chronic Pain Disorders. <i>Pain Medicine</i> , 2020, 21, 1312-1314.	1.9	1
97	“Nonlinear” Burst Stimulation. <i>Neuromodulation</i> , 2020, 23, 260-261.	0.8	1
98	Spinal Cord Stimulation. <i>Clinical Journal of Pain</i> , 1993, 9, 61.	1.9	0
99	Neurogenic spinal tumors. <i>Current Opinion in Orthopaedics</i> , 1993, 4, 186-191.	0.3	0
100	Samuel J. Hassenbusch III, MD, PhD. <i>Neuromodulation</i> , 2008, 11, 75-76.	0.8	0
101	Response to: “Spinal cord stimulation: Stimulating questions” <i>Pain</i> , 2008, 135, 209-210.	4.2	0
102	Questioning Prediction of Lumbar Spine Surgery Outcome—Why We Need to Pay Attention. <i>JAMA Surgery</i> , 2018, 153, 1061.	4.3	0
103	Response: “Enhancing WIKISTIM.Org Using Machine Learning Approaches” <i>Neuromodulation</i> , 2019, 22, 368-369.	0.8	0
104	Reply to Tapia et al.. <i>Pain</i> , 2019, 160, 1904-1904.	4.2	0
105	Reply to Sharma et al.. <i>Pain</i> , 2020, 161, 2429-2430.	4.2	0
106	Spinal Cord Stimulation with Interleaved Pulses. <i>Neurosurgery</i> , 2007, 61, 221-223.	1.1	0
107	In Reply: Prognostic Value of Psychological Testing in Patients Undergoing Spinal Cord Stimulation: A Prospective Study. <i>Neurosurgery</i> , 1997, 40, 1341.	1.1	0