

Brian K Kwon

List of Publications by Year in descending order

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Version: 2024-02-01

222
papers

11,424
citations

22132

59
h-index

37183

96
g-index

230
all docs

230
docs citations

230
times ranked

8518
citing authors

#	ARTICLE	IF	CITATIONS
1	We Choose to Call it “Degenerative Cervical Myelopathy”: Findings of AO Spine RECODE-DCM, an International and Multi-Stakeholder Partnership to Agree a Standard Unifying Term and Definition for a Disease. <i>Global Spine Journal</i> , 2024, 14, 503-512.	1.2	27
2	Characterization of Hyperacute Neuropathic Pain after Spinal Cord Injury: A Prospective Study. <i>Journal of Pain</i> , 2022, 23, 89-97.	0.7	5
3	Imaging and Electrophysiology for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 9]. <i>Global Spine Journal</i> , 2022, 12, 130S-146S.	1.2	34
4	Telehealth for outpatient spine consultation: What do the patients think?. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2022, 28, 101462.	0.2	4
5	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1]. <i>Global Spine Journal</i> , 2022, 12, 28S-38S.	1.2	28
6	Establishing the Socio-Economic Impact of Degenerative Cervical Myelopathy Is Fundamental to Improving Outcomes [AO Spine RECODE-DCM Research Priority Number 8]. <i>Global Spine Journal</i> , 2022, 12, 122S-129S.	1.2	27
7	Developing Peri-Operative Rehabilitation in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 6]: An Unexplored Opportunity?. <i>Global Spine Journal</i> , 2022, 12, 97S-108S.	1.2	10
8	Optimizing the Application of Surgery for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 10]. <i>Global Spine Journal</i> , 2022, 12, 147S-158S.	1.2	19
9	Developing Novel Therapies for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 7]: Opportunities From Restorative Neurobiology. <i>Global Spine Journal</i> , 2022, 12, 109S-121S.	1.2	8
10	Antioxidant Therapy in Oxidative Stress-Induced Neurodegenerative Diseases: Role of Nanoparticle-Based Drug Delivery Systems in Clinical Translation. <i>Antioxidants</i> , 2022, 11, 408.	2.2	49
11	James Lind Alliance Priority Setting Partnership for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM]: An Overview of the Methodology Used to Process and Short-List Research Uncertainties. <i>Global Spine Journal</i> , 2022, 12, 19S-27S.	1.2	8
12	Degenerative Cervical Myelopathy: Development and Natural History [AO Spine RECODE-DCM Research Priority Number 2]. <i>Global Spine Journal</i> , 2022, 12, 39S-54S.	1.2	42
13	Improving Assessment of Disease Severity and Strategies for Monitoring Progression in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 4]. <i>Global Spine Journal</i> , 2022, 12, 64S-77S.	1.2	21
14	Gathering Global Perspectives to Establish the Research Priorities and Minimum Data Sets for Degenerative Cervical Myelopathy: Sampling Strategy of the First Round Consensus Surveys of AO Spine RECODE-DCM. <i>Global Spine Journal</i> , 2022, 12, 8S-18S.	1.2	13
15	A New Framework for Investigating the Biological Basis of Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 5]: Mechanical Stress, Vulnerability and Time. <i>Global Spine Journal</i> , 2022, 12, 78S-96S.	1.2	36
16	All over the MAP: describing pressure variability in acute spinal cord injury. <i>Spinal Cord</i> , 2022, 60, 470-475.	0.9	4
17	Preoperative patient reported outcomes are not associated with sagittal and spinopelvic alignment in degenerative lumbar spondylolisthesis. <i>Spine</i> , 2022, Publish Ahead of Print, .	1.0	4
18	Development of a core measurement set for research in degenerative cervical myelopathy: a study protocol (AO Spine RECODE-DCM CMS). <i>BMJ Open</i> , 2022, 12, e060436.	0.8	8

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19	The Effects of Silicone Enclosure Colour on the Function of Optical Sensors. <i>Biology</i> , 2022, 11, 932.	1.3	2
20	Longitudinal Assessment of Autonomic Function during the Acute Phase of Spinal Cord Injury: Use of Low-Frequency Blood Pressure Variability as a Quantitative Measure of Autonomic Function. <i>Journal of Neurotrauma</i> , 2021, 38, 309-321.	1.7	17
21	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100096.	2.5	14
22	Hemodynamic Management of Acute Spinal Cord Injury: A Literature Review. <i>Neurospine</i> , 2021, 18, 7-14.	1.1	22
23	Characterization of Lower Urinary Tract Dysfunction after Thoracic Spinal Cord Injury in Yucatan Minipigs. <i>Journal of Neurotrauma</i> , 2021, 38, 1306-1326.	1.7	8
24	The development of lived experience-centered word clouds to support research uncertainty gathering in degenerative cervical myelopathy: results from an engagement process and protocol for their evaluation, via a nested randomized controlled trial. <i>Trials</i> , 2021, 22, 415.	0.7	9
25	A Systematic Review of Safety Reporting in Acute Spinal Cord Injury Clinical Trials: Challenges and Recommendations. <i>Journal of Neurotrauma</i> , 2021, 38, 2047-2054.	1.7	4
26	Patient perspective: diagnosis and prognosis of acute spinal cord injuries. <i>Spinal Cord</i> , 2021, 59, 865-873.	0.9	1
27	Duraplasty in Traumatic Thoracic Spinal Cord Injury: Impact on Spinal Cord Hemodynamics, Tissue Metabolism, Histology, and Behavioral Recovery Using a Porcine Model. <i>Journal of Neurotrauma</i> , 2021, 38, 2937-2955.	1.7	7
28	Characterization of Cerebrospinal Fluid Ubiquitin C-Terminal Hydrolase L1 as a Biomarker of Human Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2055-2064.	1.7	13
29	A Randomized Controlled Trial of Local Delivery of a Rho Inhibitor (VX-210) in Patients with Acute Traumatic Cervical Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2065-2072.	1.7	22
30	Effectiveness of Surgical Decompression in Patients With Degenerative Cervical Myelopathy: Results of the Canadian Prospective Multicenter Study. <i>Neurosurgery</i> , 2021, 89, 844-851.	0.6	14
31	The impact of frailty on patient-reported outcomes after elective thoracolumbar degenerative spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 607-615.	0.9	6
32	Characterization of the gut microbiome in a porcine model of thoracic spinal cord injury. <i>BMC Genomics</i> , 2021, 22, 775.	1.2	12
33	Extracellular histones, a new class of inhibitory molecules of CNS axonal regeneration. <i>Brain Communications</i> , 2021, 3, fcab271.	1.5	8
34	Research Practices and Needs Among Spine Surgeons Worldwide. <i>Global Spine Journal</i> , 2021, , 219256822110581.	1.2	0
35	Early predictors of developing problematic spasticity following traumatic spinal cord injury: A prospective cohort study. <i>Journal of Spinal Cord Medicine</i> , 2020, 43, 315-330.	0.7	12
36	The influence of neurological examination timing within hours after acute traumatic spinal cord injuries: an observational study. <i>Spinal Cord</i> , 2020, 58, 247-254.	0.9	28

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37	Effect of Frailty on Outcome after Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 839-845.	1.7	36
38	Prophylactic postoperative measures to minimize surgical site infections in spine surgery: systematic review and evidence summary. <i>Spine Journal</i> , 2020, 20, 435-447.	0.6	43
39	A porcine model for studying the cardiovascular consequences of high-thoracic spinal cord injury. <i>Journal of Physiology</i> , 2020, 598, 929-942.	1.3	11
40	Cardio-centric hemodynamic management improves spinal cord oxygenation and mitigates hemorrhage in acute spinal cord injury. <i>Nature Communications</i> , 2020, 11, 5209.	5.8	19
41	Mechanical properties of spinal cord grey matter and white matter in confined compression. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104044.	1.5	6
42	Transplantation of Skin Precursor-Derived Schwann Cells Yields Better Locomotor Outcomes and Reduces Bladder Pathology in Rats with Chronic Spinal Cord Injury. <i>Stem Cell Reports</i> , 2020, 15, 140-155.	2.3	21
43	Continuous Optical Monitoring of Spinal Cord Oxygenation and Hemodynamics during the First Seven Days Post-Injury in a Porcine Model of Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2292-2301.	1.7	16
44	Development of a NanoLC-MS workflow for high-sensitivity global lipidomic analysis. <i>Analytica Chimica Acta</i> , 2020, 1139, 88-99.	2.6	21
45	Relationship between Early Vasopressor Administration and Spinal Cord Hemorrhage in a Porcine Model of Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1696-1707.	1.7	13
46	A Cervical Spinal Cord Hemi-Contusion Injury Model Based on Displacement Control in Non-Human Primates (<i>Macaca fascicularis</i>). <i>Journal of Neurotrauma</i> , 2020, 37, 1669-1686.	1.7	10
47	Effectiveness of silver alloy-coated silicone urinary catheters in patients with acute traumatic cervical spinal cord injury: Results of a quality improvement initiative. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 135-138.	0.8	1
48	In-Hospital Mortality for the Elderly with Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2332-2342.	1.7	31
49	Treadmill-Based Gait Kinematics in the Yucatan Mini Pig. <i>Journal of Neurotrauma</i> , 2020, 37, 2277-2291.	1.7	12
50	Interventions to Optimize Spinal Cord Perfusion in Patients with Acute Traumatic Spinal Cord Injuries: A Systematic Review. <i>Journal of Neurotrauma</i> , 2020, 37, 1127-1139.	1.7	21
51	The Use of Magnetic Resonance Imaging by Spine Surgeons in Management of Spinal Trauma Across AO Regions—Results of AO Spine Survey. <i>World Neurosurgery</i> , 2020, 137, e389-e394.	0.7	2
52	Effect of Velocity and Duration of Residual Compression in a Rat Dislocation Spinal Cord Injury Model. <i>Journal of Neurotrauma</i> , 2020, 37, 1140-1148.	1.7	4
53	Epidemiology and Impact of Spinal Cord Injury in the Elderly: Results of a Fifteen-Year Population-Based Cohort Study. <i>Journal of Neurotrauma</i> , 2020, 37, 1740-1751.	1.7	34
54	Linking Spinal Cord Injury Data Sets to Describe the Patient Journey Following Injury: A Protocol. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2020, 26, 232-242.	0.8	3

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55	Risk factors for cage migration and cage retropulsion following transforaminal lumbar interbody fusion. <i>Spine Journal</i> , 2019, 19, 437-447.	0.6	77
56	Neurochemical biomarkers in spinal cord injury. <i>Spinal Cord</i> , 2019, 57, 819-831.	0.9	65
57	Empirical targets for acute hemodynamic management of individuals with spinal cord injury. <i>Neurology</i> , 2019, 93, e1205-e1211.	1.5	31
58	284. The cost effectiveness of an ICU outreach program on adverse events after spine surgery. <i>Spine Journal</i> , 2019, 19, S138.	0.6	0
59	P67. The efficacy of advanced practice physiotherapy assessment for cervical and lumbar spine pathologies. <i>Spine Journal</i> , 2019, 19, S189.	0.6	0
60	P152. The effect of frailty on outcome after traumatic spinal cord injury. <i>Spine Journal</i> , 2019, 19, S228-S229.	0.6	0
61	P12. Comparisons of patterns of upregulation of inflammatory cytokines in herniated nucleus pulposus, disc and nerve root lavagates and in the serum of patients with acute sciatica secondary to lumbar disc herniation undergoing surgery. <i>Spine Journal</i> , 2019, 19, S163-S164.	0.6	1
62	RE-CODE DCM (<i>RE</i>search Objectives and <i>C</i>ommon <i>D</i>ata <i>E</i>lements for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Efficiency in DCM, Through Establishment of a Standardized Dataset for Clinical Research and the Definition of the Research Priorities. <i>Global Spine Journal</i> , 2019, 9, 65S-76S.	1.2	83
63	AOSpine Global Survey: International Trends in Utilization of Magnetic Resonance Imaging/Computed Tomography for Spinal Trauma and Spinal Cord Injury across AO Regions. <i>Journal of Neurotrauma</i> , 2019, 36, 3323-3331.	1.7	5
64	Monitoring spinal cord hemodynamics and tissue oxygenation: a review of the literature with special focus on the near-infrared spectroscopy technique. <i>Spinal Cord</i> , 2019, 57, 617-625.	0.9	18
65	Optical Assessment of Spinal Cord Tissue Oxygenation Using a Miniaturized Near Infrared Spectroscopy Sensor. <i>Journal of Neurotrauma</i> , 2019, 36, 3034-3043.	1.7	25
66	Unbiased Recursive Partitioning to Stratify Patients with Acute Traumatic Spinal Cord Injuries: External Validity in an Observational Cohort Study. <i>Journal of Neurotrauma</i> , 2019, 36, 2732-2742.	1.7	9
67	Differences in Morphometric Measures of the Uninjured Porcine Spinal Cord and Dural Sac Predict Histological and Behavioral Outcomes after Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 3005-3017.	1.7	14
68	MicroRNA Biomarkers in Cerebrospinal Fluid and Serum Reflect Injury Severity in Human Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2358-2371.	1.7	46
69	The challenge of recruitment for neurotherapeutic clinical trials in spinal cord injury. <i>Spinal Cord</i> , 2019, 57, 348-359.	0.9	37
70	Evaluating accessibility of intravenously administered nanoparticles at the lesion site in rat and pig contusion models of spinal cord injury. <i>Journal of Controlled Release</i> , 2019, 302, 160-168.	4.8	30
71	Development of a traumatic cervical dislocation spinal cord injury model with residual compression in the rat. <i>Journal of Neuroscience Methods</i> , 2019, 322, 58-70.	1.3	6
72	Advances in the Rehabilitation of the Spinal Cordâ€“Injured Patient: The Orthopaedic Surgeons' Perspective. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2019, 27, e945-e953.	1.1	3

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73	“After-hours” non-elective spine surgery is associated with increased perioperative adverse events in a quaternary center. <i>European Spine Journal</i> , 2019, 28, 817-828.	1.0	9
74	Sensorimotor plasticity after spinal cord injury: a longitudinal and translational study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 68-82.	1.7	19
75	Pseudarthrosis in adult and pediatric spinal deformity surgery: a systematic review of the literature and meta-analysis of incidence, characteristics, and risk factors. <i>Neurosurgical Review</i> , 2019, 42, 319-336.	1.2	68
76	Basic biomechanics of spinal cord injury – How injuries happen in people and how animal models have informed our understanding. <i>Clinical Biomechanics</i> , 2019, 64, 58-68.	0.5	34
77	Decision tree analysis to better control treatment effects in spinal cord injury clinical research. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 464-472.	0.9	5
78	Natural History, Predictors of Outcome, and Effects of Treatment in Thoracic Spinal Cord Injury: A Multi-Center Cohort Study from the North American Clinical Trials Network. <i>Journal of Neurotrauma</i> , 2018, 35, 2554-2560.	1.7	37
79	Do intraoperative radiographs predict final lumbar sagittal alignment following single-level transforaminal lumbar interbody fusion?. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 486-491.	0.9	14
80	Intra-rater and inter-rater reliability of the Penn Spasm Frequency Scale in People with chronic traumatic spinal cord injury. <i>Spinal Cord</i> , 2018, 56, 569-574.	0.9	22
81	Relationships between vitamin D and paraspinal muscle: human data and experimental rat model analysis. <i>Spine Journal</i> , 2018, 18, 1053-1061.	0.6	23
82	A Direct Comparison between Norepinephrine and Phenylephrine for Augmenting Spinal Cord Perfusion in a Porcine Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 1345-1357.	1.7	44
83	Comparison of in vivo and ex vivo viscoelastic behavior of the spinal cord. <i>Acta Biomaterialia</i> , 2018, 68, 78-89.	4.1	19
84	The impact of spine stability on cervical spinal cord injury with respect to demographics, management, and outcome: a prospective cohort from a national spinal cord injury registry. <i>Spine Journal</i> , 2018, 18, 88-98.	0.6	16
85	Predicting Injury Severity and Neurological Recovery after Acute Cervical Spinal Cord Injury: A Comparison of Cerebrospinal Fluid and Magnetic Resonance Imaging Biomarkers. <i>Journal of Neurotrauma</i> , 2018, 35, 435-445.	1.7	84
86	Quality of Life and Health Utility Scores Among Canadians Living With Traumatic Spinal Cord Injury - A National Cross-Sectional Study. <i>Spine</i> , 2018, 43, 999-1006.	1.0	9
87	Friday, September 28, 2018 9:00 AM–10:00 AM best papers Friday. <i>Spine Journal</i> , 2018, 18, S74.	0.6	0
88	Integrated systems analysis reveals conserved gene networks underlying response to spinal cord injury. <i>ELife</i> , 2018, 7, .	2.8	29
89	Review of the UBC Porcine Model of Traumatic Spinal Cord Injury. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 539-547.	0.5	20
90	Friday, September 28, 2018 10:30 AM–12:00 PM abstracts: innovation, surface technology and biomechanics. <i>Spine Journal</i> , 2018, 18, S90-S91.	0.6	0

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91	A Review of Clinical Trials in Spinal Cord Injury Including Biomarkers. <i>Journal of Neurotrauma</i> , 2018, 35, 1906-1917.	1.7	40
92	Treatment patterns of in-patient spasticity medication use after traumatic spinal cord injury: a prospective cohort study. <i>Spinal Cord</i> , 2018, 56, 1176-1183.	0.9	11
93	Neurologic Recovery in Polytrauma Patients With Acute Spinal Cord Injury. <i>Instructional Course Lectures</i> , 2018, 67, 313-320.	0.2	1
94	A Targeted Proteomics Analysis of Cerebrospinal Fluid after Acute Human Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2054-2068.	1.7	30
95	Understanding Length of Stay after Spinal Cord Injury: Insights and Limitations from the Access to Care and Timing Project. <i>Journal of Neurotrauma</i> , 2017, 34, 2910-2916.	1.7	36
96	A prospective serial MRI study following acute traumatic cervical spinal cord injury. <i>European Spine Journal</i> , 2017, 26, 2324-2332.	1.0	34
97	Serum MicroRNAs Reflect Injury Severity in a Large Animal Model of Thoracic Spinal Cord Injury. <i>Scientific Reports</i> , 2017, 7, 1376.	1.6	52
98	Rural and Urban Living in Persons with Spinal Cord Injury and Comparing Environmental Barriers, Their Health, and Quality-of-Life Outcomes. <i>Journal of Neurotrauma</i> , 2017, 34, 2877-2882.	1.7	19
99	Previously Identified Common Post-Injury Adverse Events in Traumatic Spinal Cord Injury—Validation of Existing Literature and Relation to Selected Potentially Modifiable Comorbidities: A Prospective Canadian Cohort Study. <i>Journal of Neurotrauma</i> , 2017, 34, 2883-2891.	1.7	22
100	Geomapping of Traumatic Spinal Cord Injury in Canada and Factors Related to Triage Pattern. <i>Journal of Neurotrauma</i> , 2017, 34, 2856-2866.	1.7	6
101	Mean Arterial Blood Pressure Management of Acute Traumatic Spinal Cord Injured Patients during the Pre-Hospital and Early Admission Period. <i>Journal of Neurotrauma</i> , 2017, 34, 1271-1277.	1.7	24
102	Change in Function, Pain, and Quality of Life Following Structured Nonoperative Treatment in Patients With Degenerative Cervical Myelopathy: A Systematic Review. <i>Global Spine Journal</i> , 2017, 7, 42S-52S.	1.2	31
103	Efficacy and Safety of Methylprednisolone Sodium Succinate in Acute Spinal Cord Injury: A Systematic Review. <i>Global Spine Journal</i> , 2017, 7, 116S-137S.	1.2	74
104	Changes in Pressure, Hemodynamics, and Metabolism within the Spinal Cord during the First 7 Days after Injury Using a Porcine Model. <i>Journal of Neurotrauma</i> , 2017, 34, 3336-3350.	1.7	51
105	Spinal cord perfusion pressure predicts neurologic recovery in acute spinal cord injury. <i>Neurology</i> , 2017, 89, 1660-1667.	1.5	121
106	A Clinical Practice Guideline for the Management of Acute Spinal Cord Injury: Introduction, Rationale, and Scope. <i>Global Spine Journal</i> , 2017, 7, 84S-94S.	1.2	209
107	The Economic Burden of Urinary Tract Infection and Pressure Ulceration in Acute Traumatic Spinal Cord Injury Admissions: Evidence for Comparative Economics and Decision Analytics from a Matched Case-Control Study. <i>Journal of Neurotrauma</i> , 2017, 34, 2892-2900.	1.7	40
108	Guidelines for the Management of Degenerative Cervical Myelopathy and Spinal Cord Injury: An Introduction to a Focus Issue. <i>Global Spine Journal</i> , 2017, 7, 6S-7S.	1.2	25

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109	Spinal Cord Injury Clinical Registries: Improving Care across the SCI Care Continuum by Identifying Knowledge Gaps. <i>Journal of Neurotrauma</i> , 2017, 34, 2924-2933.	1.7	19
110	A Clinical Practice Guideline for the Management of Patients With Degenerative Cervical Myelopathy: Recommendations for Patients With Mild, Moderate, and Severe Disease and Nonmyelopathic Patients With Evidence of Cord Compression. <i>Global Spine Journal</i> , 2017, 7, 70S-83S.	1.2	277
111	Timing of Decompression in Patients With Acute Spinal Cord Injury: A Systematic Review. <i>Global Spine Journal</i> , 2017, 7, 95S-115S.	1.2	122
112	Prevalence and Effect of Problematic Spasticity After Traumatic Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 1132-1138.	0.5	114
113	Treatment of Facet Injuries in the Cervical Spine. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 125-137.	0.8	19
114	Predicting Recruitment Feasibility for Acute Spinal Cord Injury Clinical Trials in Canada Using National Registry Data. <i>Journal of Neurotrauma</i> , 2017, 34, 599-606.	1.7	13
115	Cerebrospinal Fluid Biomarkers To Stratify Injury Severity and Predict Outcome in Human Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 567-580.	1.7	122
116	Factors predictive of topographical accuracy in spine level localization. <i>Journal of Spine Surgery</i> , 2017, 3, 23-30.	0.6	6
117	Translation: Relevance of Spinal Cord Injury Animal Models. , 2017, , 721-740.		1
118	The translational importance of establishing biomarkers of human spinal cord injury. <i>Neural Regeneration Research</i> , 2017, 12, 385.	1.6	31
119	Responses of the Acutely Injured Spinal Cord to Vibration that Simulates Transport in Helicopters or Mine-Resistant Ambush-Protected Vehicles. <i>Journal of Neurotrauma</i> , 2016, 33, 2217-2226.	1.7	20
120	Parallel Metabolomic Profiling of Cerebrospinal Fluid and Serum for Identifying Biomarkers of Injury Severity after Acute Human Spinal Cord Injury. <i>Scientific Reports</i> , 2016, 6, 38718.	1.6	38
121	A comparison of the Wiltse versus midline approaches in degenerative conditions of the lumbar spine. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 332-338.	0.9	29
122	Guidelines for the Management of Patients with Spinal Cord Injury: The Optimal Timing of Decompression. <i>Spine Journal</i> , 2016, 16, S213-S214.	0.6	2
123	Guidelines for the Management of Patients with Spinal Cord Injury: Efficacy, Safety and Timing of Anticoagulation Prophylaxis. <i>Spine Journal</i> , 2016, 16, S214.	0.6	2
124	Guidelines for the Management of Patients with Degenerative Cervical Myelopathy. <i>Spine Journal</i> , 2016, 16, S113.	0.6	6
125	The Evaluation of Magnesium Chloride within a Polyethylene Glycol Formulation in a Porcine Model of Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 2202-2216.	1.7	21
126	Economic evaluation comparing intraoperative cone beam CT-based navigation and conventional fluoroscopy for the placement of spinal pedicle screws: a patient-level data cost-effectiveness analysis. <i>Spine Journal</i> , 2016, 16, 23-31.	0.6	104

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127	Differential Histopathological and Behavioral Outcomes Eight Weeks after Rat Spinal Cord Injury by Contusion, Dislocation, and Distraction Mechanisms. <i>Journal of Neurotrauma</i> , 2016, 33, 1667-1684.	1.7	48
128	Early clinical results with cortically based pedicle screw trajectory for fusion of the degenerative lumbar spine. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 972-975.	0.8	50
129	Effect of older age on treatment decisions and outcomes among patients with traumatic spinal cord injury. <i>Cmaj</i> , 2015, 187, 873-880.	0.9	51
130	The Effect of Whole-Body Resonance Vibration in a Porcine Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 908-921.	1.7	19
131	Methylprednisolone for the Treatment of Patients with Acute Spinal Cord Injuries: A Propensity Score-Matched Cohort Study from a Canadian Multi-Center Spinal Cord Injury Registry. <i>Journal of Neurotrauma</i> , 2015, 32, 1674-1683.	1.7	124
132	Large animal and primate models of spinal cord injury for the testing of novel therapies. <i>Experimental Neurology</i> , 2015, 269, 154-168.	2.0	75
133	Fueling Hope: Stem Cells in Social Media. <i>Stem Cell Reviews and Reports</i> , 2015, 11, 540-546.	5.6	25
134	Drug delivery, cell-based therapies, and tissue engineering approaches for spinal cord injury. <i>Journal of Controlled Release</i> , 2015, 219, 141-154.	4.8	164
135	The Influence of Time from Injury to Surgery on Motor Recovery and Length of Hospital Stay in Acute Traumatic Spinal Cord Injury: An Observational Canadian Cohort Study. <i>Journal of Neurotrauma</i> , 2015, 32, 645-654.	1.7	167
136	Survey of Cervical Spine Research Society Members on the Use of High-Dose Steroids for Acute Spinal Cord Injuries. <i>Spine</i> , 2014, 39, 971-977.	1.0	59
137	Adverse events in emergency oncological spine surgery: a prospective analysis. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 698-703.	0.9	86
138	Health-related quality-of-life outcomes after thoracic (T1–T10) fractures. <i>Spine Journal</i> , 2014, 14, 1635-1642.	0.6	12
139	Nonlinear viscoelastic characterization of the porcine spinal cord. <i>Acta Biomaterialia</i> , 2014, 10, 792-797.	4.1	32
140	Orthosis versus no orthosis for the treatment of thoracolumbar burst fractures without neurologic injury: a multicenter prospective randomized equivalence trial. <i>Spine Journal</i> , 2014, 14, 2557-2564.	0.6	97
141	Minimizing Errors in Acute Traumatic Spinal Cord Injury Trials by Acknowledging the Heterogeneity of Spinal Cord Anatomy and Injury Severity: An Observational Canadian Cohort Analysis. <i>Journal of Neurotrauma</i> , 2014, 31, 1540-1547.	1.7	69
142	Blood Pressure Management in Acute Spinal Cord Injury Pre- and Post-Decompression Surgery. <i>Spine Journal</i> , 2014, 14, S5.	0.6	2
143	Characterization of a Cervical Spinal Cord Hemicontusion Injury in Mice Using the Infinite Horizon Impactor. <i>Journal of Neurotrauma</i> , 2013, 30, 869-883.	1.7	39
144	A Novel Porcine Model of Traumatic Thoracic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 142-159.	1.7	123

#	ARTICLE	IF	CITATIONS
145	Demonstrating efficacy in preclinical studies of cellular therapies for spinal cord injury – How much is enough?. <i>Experimental Neurology</i> , 2013, 248, 30-44.	2.0	52
146	Cerebrospinal Fluid Pressures Resulting From Experimental Traumatic Spinal Cord Injuries in a Pig Model. <i>Journal of Biomechanical Engineering</i> , 2013, 135, 101005.	0.6	17
147	Histological Effects of Residual Compression Sustained for 60 Minutes at Different Depths in a Novel Rat Spinal Cord Injury Contusion Model. <i>Journal of Neurotrauma</i> , 2013, 30, 1374-1384.	1.7	17
148	The Validity of Administrative Data To Classify Patients with Spinal Column and Cord Injuries. <i>Journal of Neurotrauma</i> , 2013, 30, 173-180.	1.7	25
149	Intraparenchymal Microdialysis after Acute Spinal Cord Injury Reveals Differential Metabolic Responses to Contusive versus Compressive Mechanisms of Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 1564-1576.	1.7	32
150	Ketogenic Diet Improves Forelimb Motor Function after Spinal Cord Injury in Rodents. <i>PLoS ONE</i> , 2013, 8, e78765.	1.1	91
151	Meeting the privacy requirements for the development of a multi-centre patient registry in Canada: the Rick Hansen Spinal Cord Injury Registry. <i>Healthcare Policy</i> , 2013, 8, 87-99.	0.3	7
152	Development of a large-animal model to measure dynamic cerebrospinal fluid pressure during spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 624-635.	0.9	32
153	Decision-making in stem cell trials for spinal cord injury: the role of networks and peers. <i>Regenerative Medicine</i> , 2012, 7, 513-522.	0.8	6
154	The Spine-injured Patient: Initial Assessment and Emergency Treatment. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2012, 20, 336-346.	1.1	32
155	Expectations of Benefit and Tolerance to Risk of Individuals with Spinal Cord Injury Regarding Potential Participation in Clinical Trials. <i>Journal of Neurotrauma</i> , 2012, 29, 2727-2737.	1.7	24
156	Opinions on the Preclinical Evaluation of Novel Therapies for Spinal Cord Injury: A Comparison between Researchers and Spinal Cord-Injured Individuals. <i>Journal of Neurotrauma</i> , 2012, 29, 2367-2374.	1.7	17
157	The Epidemiology of Traumatic Spinal Cord Injury in British Columbia, Canada. <i>Spine</i> , 2012, 37, 321-329.	1.0	120
158	The Pressure Distribution of Cerebrospinal Fluid Responds to Residual Compression and Decompression in an Animal Model of Acute Spinal Cord Injury. <i>Spine</i> , 2012, 37, E1422-E1431.	1.0	34
159	Gross Morphological Changes of the Spinal Cord Immediately After Surgical Decompression in a Large Animal Model of Traumatic Spinal Cord Injury. <i>Spine</i> , 2012, 37, E890-E899.	1.0	35
160	Morbidity and mortality of major adult spinal surgery. A prospective cohort analysis of 942 consecutive patients. <i>Spine Journal</i> , 2012, 12, 22-34.	0.6	159
161	Postoperative Infection Treatment Score for the Spine (PITSS): construction and validation of a predictive model to define need for single versus multiple irrigation and debridement for spinal surgical site infection. <i>Spine Journal</i> , 2012, 12, 218-230.	0.6	59
162	Mechanical indicators of injury severity are decreased with increased thecal sac dimension in a bench-top model of contusion type spinal cord injury. <i>Journal of Biomechanics</i> , 2012, 45, 1003-1010.	0.9	8

#	ARTICLE	IF	CITATIONS
163	Intra-operative cone-beam CT (O-arm) and stereotactic navigation in acute spinal trauma surgery. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1137-1143.	0.8	55
164	Prospective Analysis of Adverse Events in Surgical Treatment of Degenerative Spondylolisthesis. <i>Spine Journal</i> , 2012, 12, S108-S109.	0.6	1
165	Feasibility of patient recruitment into clinical trials of experimental treatments for acute spinal cord injury. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1338-1343.	0.8	28
166	A Phase I/IIa Clinical Trial of a Recombinant Rho Protein Antagonist in Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 787-796.	1.7	236
167	A Grading System To Evaluate Objectively the Strength of Pre-Clinical Data of Acute Neuroprotective Therapies for Clinical Translation in Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1525-1543.	1.7	83
168	A Systematic Review of Directly Applied Biologic Therapies for Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1589-1610.	1.7	104
169	No Orthosis is Equivalent to TLSO for the Treatment of Thoracolumbar Burst Fractures without Neurologic Injury: Results from a Multicenter RCT. <i>Spine Journal</i> , 2011, 11, S1-S2.	0.6	2
170	Classifying Neurological Impairment and Spinal Column Injuries: Does Administrative Coding Accurately Represent Clinical Diagnoses?. <i>Spine Journal</i> , 2011, 11, S152-S153.	0.6	0
171	The Incidence and Bacteriology of Delayed Infections After Instrumented Spinal Fusion. <i>Spine Journal</i> , 2011, 11, S165-S166.	0.6	0
172	A Systematic Review of Cellular Transplantation Therapies for Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1611-1682.	1.7	490
173	A Systematic Review of Non-Invasive Pharmacologic Neuroprotective Treatments for Acute Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1545-1588.	1.7	218
174	Vascular Disruption and the Role of Angiogenic Proteins After Spinal Cord Injury. <i>Translational Stroke Research</i> , 2011, 2, 474-491.	2.3	68
175	Inflammatory and structural biomarkers in acute traumatic spinal cord injury. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 425-433.	1.4	56
176	Biomarkers for Severity of Spinal Cord Injury in the Cerebrospinal Fluid of Rats. <i>PLoS ONE</i> , 2011, 6, e19247.	1.1	66
177	Magnesium in a Polyethylene Glycol Formulation Provides Neuroprotection After Unilateral Cervical Spinal Cord Injury. <i>Spine</i> , 2010, 35, 2041-2048.	1.0	28
178	Emerging Repair, Regeneration, and Translational Research Advances for Spinal Cord Injury. <i>Spine</i> , 2010, 35, S263-S270.	1.0	82
179	Spinal Column and Spinal Cord Injuries in Mountain Bikers. <i>American Journal of Sports Medicine</i> , 2010, 38, 1647-1652.	1.9	47
180	Translational Research in Spinal Cord Injury: A Survey of Opinion from the SCI Community. <i>Journal of Neurotrauma</i> , 2010, 27, 21-33.	1.7	113

#	ARTICLE	IF	CITATIONS
181	Cerebrospinal Fluid Inflammatory Cytokines and Biomarkers of Injury Severity in Acute Human Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2010, 27, 669-682.	1.7	252
182	Causal assessment of occupational bending or twisting and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 76-88.	0.6	134
183	Causal assessment of awkward occupational postures and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 89-99.	0.6	121
184	Causal assessment of occupational sitting and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 252-261.	0.6	170
185	Causal assessment of occupational standing or walking and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 262-272.	0.6	90
186	Causal assessment of occupational pushing or pulling and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 544-553.	0.6	50
187	Causal assessment of occupational carrying and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 628-638.	0.6	63
188	Causal assessment of occupational lifting and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 554-566.	0.6	141
189	Causal assessment of workplace manual handling or assisting patients and low back pain: results of a systematic review. <i>Spine Journal</i> , 2010, 10, 639-651.	0.6	90
190	Intrathecal pressure monitoring and cerebrospinal fluid drainage in acute spinal cord injury: a prospective randomized trial. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 181-193.	0.9	156
191	Magnesium Chloride in a Polyethylene Glycol Formulation as a Neuroprotective Therapy for Acute Spinal Cord Injury: Preclinical Refinement and Optimization. <i>Journal of Neurotrauma</i> , 2009, 26, 1379-1393.	1.7	64
192	Comparison of thoracolumbosacral orthosis and no orthosis for the treatment of thoracolumbar burst fractures: interim analysis of a multicenter randomized clinical equivalence trial. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 295-303.	0.9	65
193	Hypothermia for spinal cord injury. <i>Spine Journal</i> , 2008, 8, 859-874.	0.6	115
194	Protection and repair of the injured spinal cord: a review of completed, ongoing, and planned clinical trials for acute spinal cord injury. <i>Neurosurgical Focus</i> , 2008, 25, E14.	1.0	199
195	A prospective randomized controlled trial of anterior compared with posterior stabilization for unilateral facet injuries of the cervical spine. <i>Journal of Neurosurgery: Spine</i> , 2007, 7, 1-12.	0.9	107
196	Clinical Outcomes of 90 Isolated Unilateral Facet Fractures, Subluxations, and Dislocations Treated Surgically and Nonoperatively. <i>Spine</i> , 2007, 32, 3007-3013.	1.0	74
197	Brain-Derived Neurotrophic Factor Gene Transfer With Adeno-Associated Viral and Lentiviral Vectors Prevents Rubrospinal Neuronal Atrophy and Stimulates Regeneration-Associated Gene Expression After Acute Cervical Spinal Cord Injury. <i>Spine</i> , 2007, 32, 1164-1173.	1.0	73
198	An Update on the Pathophysiology of Acute Spinal Cord Injury. <i>Seminars in Spine Surgery</i> , 2007, 19, 272-279.	0.1	4

#	ARTICLE	IF	CITATIONS
199	Progressive Junctional Kyphosis at the Caudal End of Lumbar Instrumented Fusion: Etiology, Predictors, and Treatment. <i>Spine</i> , 2006, 31, 1943-1951.	1.0	56
200	An Aneurysmal Bone Cyst in the Cervical Spine of a 10-Year-Old Girl: A Case Report. <i>Spine</i> , 2006, 31, E475-E479.	1.0	17
201	Factors Predicting Motor Recovery and Functional Outcome After Traumatic Central Cord Syndrome. <i>Spine</i> , 2005, 30, 2303-2311.	1.0	114
202	Strategies to Promote Neural Repair and Regeneration After Spinal Cord Injury. <i>Spine</i> , 2005, 30, S3-S13.	1.0	68
203	Adult Low-Grade Acquired Spondylolytic Spondylolisthesis. <i>Spine</i> , 2005, 30, S35-S41.	1.0	38
204	Motor Recovery, Functional Status, and Health-Related Quality of Life in Patients With Complete Spinal Cord Injuries. <i>Spine</i> , 2005, 30, 2200-2207.	1.0	69
205	Long-term health-related quality of life outcomes following Jefferson-type burst fractures of the atlas. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 411-417.	0.9	56
206	The effect of shoulder arthroplasty on humeral strength: An in vitro biomechanical investigation. <i>Clinical Biomechanics</i> , 2005, 20, 1064-1071.	0.5	7
207	Proposal of a modified, treatment-oriented classification of odontoid fractures. <i>Spine Journal</i> , 2005, 5, 123-129.	0.6	228
208	Pathophysiology and pharmacologic treatment of acute spinal cord injury*1. <i>Spine Journal</i> , 2004, 4, 451-464.	0.6	561
209	Development of a New Zealand White Rabbit Model of Spinal Pseudarthrosis Repair and Evaluation of the Potential Role of OP-1 to Overcome Pseudarthrosis. <i>Spine</i> , 2004, 29, 1405-1412.	1.0	33
210	Spinal cord injury regenerative strategies and obstacles. <i>Current Opinion in Orthopaedics</i> , 2004, 15, 196-201.	0.3	1
211	Similarities and Differences in the Treatment of Spine Trauma Between Surgical Specialties and Location of Practice. <i>Spine</i> , 2004, 29, 685-696.	1.0	54
212	Pedicle Screw Motion in the Osteoporotic Spine After Augmentation With Laminar Hooks, Sublaminar Wires, or Calcium Phosphate Cement: A Comparative Analysis. <i>Spine</i> , 2004, 29, 1723-1730.	1.0	68
213	OPINION: Anterior Fixation. <i>Journal of Orthopaedic Trauma</i> , 2004, 18, 642-643.	0.7	0
214	Management of cervical fractures in patients with diffuse idiopathic skeletal hyperostosis. <i>Current Opinion in Orthopaedics</i> , 2003, 14, 187-192.	0.3	4
215	Anterior/posterior operative reduction of cervical spine dislocation: techniques and literature review. <i>Current Opinion in Orthopaedics</i> , 2003, 14, 193-199.	0.3	7
216	Effectiveness of Titanium Mesh Cylindrical Cages in Anterior Column Reconstruction After Thoracic and Lumbar Vertebral Body Resection. <i>Spine</i> , 2003, 28, 902-908.	1.0	91

#	ARTICLE	IF	CITATIONS
217	Survival and regeneration of rubrospinal neurons 1 year after spinal cord injury. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3246-3251.	3.3	228
218	Animal Models Used in Spinal Cord Regeneration Research. Spine, 2002, 27, 1504-1510.	1.0	177
219	Promoting axonal regeneration in the central nervous system by enhancing the cell body response to axotomy. Journal of Neuroscience Research, 2002, 68, 1-6.	1.3	138
220	Molecular Targets for Therapeutic Intervention after Spinal Cord Injury. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2002, 2, 244-258.	3.4	45
221	BIOMECHANICAL EVALUATION OF PROXIMAL HUMERAL FRACTURE FIXATION SUPPLEMENTED WITH CALCIUM PHOSPHATE CEMENT. Journal of Bone and Joint Surgery - Series A, 2002, 84, 951-961.	1.4	76
222	Spinal Cord Regeneration. Spine, 2001, 26, S13-S22.	1.0	97