

Michael G Fehlings

List of Publications by Year in descending order

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698
papers

45,873
citations

1883

102
h-index

3714

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714
all docs

714
docs citations

714
times ranked

22761
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	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. <i>Global Spine Journal</i> , 2023, 13, 1358-1364.	1.2	9
3	Prevention of Surgical Site Infections in Spine Surgery: An International Survey of Clinical Practices Among Expert Spine Surgeons. <i>Global Spine Journal</i> , 2023, 13, 2007-2015.	1.2	6
4	Factors Affecting the Decision to Initiate Anticoagulation After Spine Surgery: Findings From the AOSpine Anticoagulation Global Initiative. <i>Global Spine Journal</i> , 2022, 12, 548-558.	1.2	2
5	Patient-Reported Outcomes After Complex Adult Spinal Deformity Surgery: 5-Year Results of the Scolio-Risk-1 Study. <i>Global Spine Journal</i> , 2022, 12, 1736-1744.	1.2	13
6	A Systematic Review of Definitions for Dysphagia and Dysphonia in Patients Treated Surgically for Degenerative Cervical Myelopathy. <i>Global Spine Journal</i> , 2022, 12, 1535-1545.	1.2	7
7	Extracellular Matrix and Oxidative Stress Following Traumatic Spinal Cord Injury: Physiological and Pathophysiological Roles and Opportunities for Therapeutic Intervention. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 184-207.	2.5	19
8	Recent advances and new discoveries in the pipeline of the treatment of primary spinal tumors and spinal metastases: a scoping review of registered clinical studies from 2000 to 2020. <i>Neuro-Oncology</i> , 2022, 24, 1-13.	0.6	10
9	Frailty is an important predictor of 30-day morbidity in patients treated for lumbar spondylolisthesis using a posterior surgical approach. <i>Spine Journal</i> , 2022, 22, 286-295.	0.6	15
10	Indicators of Quality of Care in Individuals With Traumatic Spinal Cord Injury: A Scoping Review. <i>Global Spine Journal</i> , 2022, 12, 166-181.	1.2	8
11	Degenerative Cervical Myelopathy: Towards a Personalized Approach. <i>Canadian Journal of Neurological Sciences</i> , 2022, 49, 729-740.	0.3	8
12	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
13	Clinical outcome measures and their evidence base in degenerative cervical myelopathy: a systematic review to inform a core measurement set (AO Spine RECODE-DCM). <i>BMJ Open</i> , 2022, 12, e057650.	0.8	22
14	Degenerative Cervical Myelopathy: A Practical Approach to Diagnosis. <i>Global Spine Journal</i> , 2022, 12, 1881-1893.	1.2	9
15	Impact of Surgical Timing on Motor Level Lowering in Motor Complete Traumatic Spinal Cord Injury Patients. <i>Journal of Neurotrauma</i> , 2022, 39, 651-657.	1.7	4
16	In vivo imaging in experimental spinal cord injury “ Techniques and trends. <i>Brain and Spine</i> , 2022, 2, 100859.	0.0	2
17	The biology of ependymomas and “emerging novel therapies. <i>Nature Reviews Cancer</i> , 2022, 22, 208-222.	12.8	24
18	Steroids in the Management of Preoperative Neurological Deficits in Metastatic Spine Disease: Results From the EPOSO Study. <i>Neurospine</i> , 2022, 19, 43-50.	1.1	8

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19	Research applications of induced pluripotent stem cells for treatment and modeling of spinal cord injury. , 2022, , 245-268.		0
20	History of the Department of Surgery at the University of Toronto: celebrating a centennial of progress and innovation. Canadian Journal of Surgery, 2022, 65, E56-E65.	0.5	1
21	Neuroprotective strategies. , 2022, , 523-535.		0
22	Advanced imaging for spinal cord injury. , 2022, , 105-124.		0
23	Translational research in spinal cord injury “What is in the future?”. , 2022, , 587-602.		2
24	Spine Trauma. , 2022, , 271-287.		0
25	SCI management. , 2022, , 319-334.		0
26	Emerging concepts in the clinical management of SCI for the future. , 2022, , 575-585.		0
27	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1]. Global Spine Journal, 2022, 12, 28S-38S.	1.2	28
28	Establishing the Socio-Economic Impact of Degenerative Cervical Myelopathy Is Fundamental to Improving Outcomes [AO Spine RECODE-DCM Research Priority Number 8]. Global Spine Journal, 2022, 12, 122S-129S.	1.2	27
29	Developing Peri-Operative Rehabilitation in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 6]: An Unexplored Opportunity?. Global Spine Journal, 2022, 12, 97S-108S.	1.2	10
30	Optimizing the Application of Surgery for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 10]. Global Spine Journal, 2022, 12, 147S-158S.	1.2	19
31	AO Spine RECODE-DCM: Why Prioritize Research in Degenerative Cervical Myelopathy?. Global Spine Journal, 2022, 12, 5S-7S.	1.2	18
32	Developing Novel Therapies for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 7]: Opportunities From Restorative Neurobiology. Global Spine Journal, 2022, 12, 109S-121S.	1.2	8
33	Establishing Diagnostic Criteria for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 3]. Global Spine Journal, 2022, 12, 55S-63S.	1.2	21
34	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. Global Spine Journal, 2022, 12, 19S-27S.	1.2	8
35	Cranio-cervical Instability in Ehlers-Danlos Syndrome“ A Systematic Review of Diagnostic and Surgical Treatment Criteria. Global Spine Journal, 2022, 12, 1862-1871.	1.2	10
36	Degenerative Cervical Myelopathy: Development and Natural History [AO Spine RECODE-DCM Research Priority Number 2]. Global Spine Journal, 2022, 12, 39S-54S.	1.2	42

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37	Administration of C5a Receptor Antagonist Improves the Efficacy of Human Induced Pluripotent Stem Cell-Derived Neural Stem/Progenitor Cell Transplantation in the Acute Phase of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2022, 39, 667-682.	1.7	5
38	Clinical outcomes and revision rates following four-level anterior cervical discectomy and fusion. <i>Scientific Reports</i> , 2022, 12, 5339.	1.6	6
39	The Impact of Spinal Cord Neuromodulation on Restoration of Walking Ability After Spinal Cord Injury. <i>Neurospine</i> , 2022, 19, 244-245.	1.1	2
40	Long-term functional outcome of surgical treatment for degenerative cervical myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 830-840.	0.9	3
41	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
42	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
43	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
44	Commentary: Acute Implantation of a Bioresorbable Polymer Scaffold in Patients With Complete Thoracic Spinal Cord Injury: 24-Month Follow-up From the INSPIRE Study. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	0.6	0
45	Cell-based and stem-cell-based treatments for spinal cord injury: evidence from clinical trials. <i>Lancet Neurology</i> , The, 2022, 21, 659-670.	4.9	83
46	Neurovascular pathology following traumatic spinal cord injury. , 2022, , 119-132.		0
47	Cell-Cell Contact Mediates Gene Expression and Fate Choice of Human Neural Stem/Progenitor Cells. <i>Cells</i> , 2022, 11, 1741.	1.8	2
48	Management of Acute Spinal Cord Injury: Where Have We Been? Where Are We Now? Where Are We Going?. <i>Journal of Neurotrauma</i> , 2022, 39, 1591-1602.	1.7	8
49	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
50	Adopting Clinical Practice Guidelines for Pharmacologic Management of Acute Spinal Cord Injury from a Developed World Context to a Developing Global Region. <i>Archives of Iranian Medicine</i> , 2022, 25, 353-359.	0.2	2
51	Systemic considerations for the surgical treatment of spinal metastatic disease: a scoping literature review. <i>Lancet Oncology</i> , The, 2022, 23, e321-e333.	5.1	11
52	Delayed administration of elexanumab, a human anti-RGMA neutralizing monoclonal antibody, promotes recovery following cervical spinal cord injury. <i>Neurobiology of Disease</i> , 2022, 172, 105812.	2.1	2
53	Machine learning algorithms for prediction of health-related quality-of-life after surgery for mild degenerative cervical myelopathy. <i>Spine Journal</i> , 2021, 21, 1659-1669.	0.6	34
54	Two-Year Clinical and Radiological Outcomes in Patients With Diabetes Undergoing Single-Level Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2021, 11, 458-464.	1.2	6

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55	Delayed administration of high dose human immunoglobulin G enhances recovery after traumatic cervical spinal cord injury by modulation of neuroinflammation and protection of the blood spinal cord barrier. <i>Neurobiology of Disease</i> , 2021, 148, 105187.	2.1	19
56	The influence of timing of surgical decompression for acute spinal cord injury: a pooled analysis of individual patient data. <i>Lancet Neurology</i> , The, 2021, 20, 117-126.	4.9	175
57	Health related quality of life outcomes following surgery and/or radiation for patients with potentially unstable spinal metastases. <i>Spine Journal</i> , 2021, 21, 492-499.	0.6	16
58	Prediction of independence in bowel function after spinal cord injury: validation of a logistic regression model. <i>Spinal Cord</i> , 2021, 59, 207-214.	0.9	5
59	Inter-rater Reliability of the Modified Japanese Orthopedic Association Score in Degenerative Cervical Myelopathy. <i>Spine</i> , 2021, 46, 1063-1069.	1.0	24
60	The management and outcomes of coronavirus disease 2019 infection in a series of neurosurgical patients. <i>Journal of Innovative Optical Health Sciences</i> , 2021, 16, 78.	0.5	1
61	Safety and efficacy of riluzole in patients undergoing decompressive surgery for degenerative cervical myelopathy (CSM-Protect): a multicentre, double-blind, placebo-controlled, randomised, phase 3 trial. <i>Lancet Neurology</i> , The, 2021, 20, 98-106.	4.9	45
62	The Beneficial Effect of Early Surgical Decompression for Acute Spinal Cord Injury: Time Is Spine. <i>Neurospine</i> , 2021, 18, 20-22.	1.1	5
63	Effect of Ventral vs Dorsal Spinal Surgery on Patient-Reported Physical Functioning in Patients With Cervical Spondylotic Myelopathy. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 942.	3.8	87
64	Experimental Treatments for Spinal Cord Injury: What you Should Know. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2021, 27, 50-74.	0.8	10
65	Commentary on "Hemodynamic Management of Acute Spinal Cord Injury". <i>Neurospine</i> , 2021, 18, 15-16.	1.1	2
66	Trajectory-Based Classification of Recovery in Sensorimotor Complete Traumatic Cervical Spinal Cord Injury. <i>Neurology</i> , 2021, 96, e2736-e2748.	1.5	12
67	Longitudinal impacts of acute spinal cord injury on clinical pharmacokinetics of riluzole, a potential neuroprotective agent. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 1232-1242.	1.0	4
68	Earlier Surgery Reduces Complications in Acute Traumatic Thoracolumbar Spinal Cord Injury: Analysis of a Multi-Center Cohort of 4108 Patients. <i>Journal of Neurotrauma</i> , 2021, , .	1.7	8
69	Regenerative replacement of neural cells for treatment of spinal cord injury. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 1-17.	1.4	7
70	A deep learning model for detection of cervical spinal cord compression in MRI scans. <i>Scientific Reports</i> , 2021, 11, 10473.	1.6	34
71	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
72	Variability in time to surgery for patients with acute thoracolumbar spinal cord injuries. <i>Scientific Reports</i> , 2021, 11, 13312.	1.6	7

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73	Clinical outcomes of nonoperatively managed degenerative cervical myelopathy: an ambispective longitudinal cohort study in 117 patients. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 821-829.	0.9	23
74	Frailty adversely affects outcomes of patients undergoing spine surgery: a systematic review. <i>Spine Journal</i> , 2021, 21, 988-1000.	0.6	45
75	Preface. <i>Neurosurgery Clinics of North America</i> , 2021, 32, ix-x.	0.8	0
76	The Protein Kinase Inhibitor Midostaurin Improves Functional Neurological Recovery and Attenuates Inflammatory Changes Following Traumatic Cervical Spinal Cord Injury. <i>Biomolecules</i> , 2021, 11, 972.	1.8	5
77	“Time is Spine™”: new evidence supports decompression within 24h for acute spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 933-934.	0.9	18
78	Pathophysiology of Spinal Cord Injury. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 305-313.	0.8	37
79	Reasons for delayed spinal cord decompression in individuals with traumatic spinal cord injuries in Iran: A qualitative study from the perspective of neurosurgeons. <i>Chinese Journal of Traumatology - English Edition</i> , 2021, 24, 356-359.	0.7	1
80	Transcriptomic Hallmarks of Ischemia-Reperfusion Injury. <i>Cells</i> , 2021, 10, 1838.	1.8	12
81	Neuroimmunological therapies for treating spinal cord injury: Evidence and future perspectives. <i>Experimental Neurology</i> , 2021, 341, 113704.	2.0	42
82	Stereotactic body radiotherapy versus conventional external beam radiotherapy in patients with painful spinal metastases: an open-label, multicentre, randomised, controlled, phase 2/3 trial. <i>Lancet Oncology</i> , 2021, 22, 1023-1033.	5.1	183
83	Reality of Accomplishing Surgery within 24 Hours for Complete Cervical Spinal Cord Injury: Clinical Practices and Safety. <i>Journal of Neurotrauma</i> , 2021, 38, 3011-3019.	1.7	6
84	The influence of ApoE4 on the clinical outcomes and pathophysiology of degenerative cervical myelopathy. <i>JCI Insight</i> , 2021, 6, .	2.3	14
85	Validation of the AO Spine Sacral Classification System: Reliability Among Surgeons Worldwide. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, e496-e501.	0.7	3
86	The Scolio-RISK 1 results of lower extremity motor function 5 years after complex adult spinal deformity surgery. <i>European Spine Journal</i> , 2021, 30, 3243-3254.	1.0	3
87	TO THE EDITOR:. <i>Spine</i> , 2021, 46, E1067-E1068.	1.0	0
88	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
89	Tracking White and Gray Matter Degeneration along the Spinal Cord Axis in Degenerative Cervical Myelopathy. <i>Journal of Neurotrauma</i> , 2021, 38, 2978-2987.	1.7	19
90	The Relative Merits of Posterior Surgical Treatments for Multi-Level Degenerative Cervical Myelopathy Remain Uncertain: Findings from a Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 3653.	1.0	13

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91	IgM Immunoglobulin Influences Recovery after Cervical Spinal Cord Injury by Modulating the IgG Autoantibody Response. <i>ENeuro</i> , 2021, 8, ENEURO.0491-19.2021.	0.9	4
92	The Role of Microglia in Modulating Neuroinflammation after Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9706.	1.8	48
93	A review of emerging neuroprotective and neuroregenerative therapies in traumatic spinal cord injury. <i>Current Opinion in Pharmacology</i> , 2021, 60, 331-340.	1.7	28
94	<i>Mir21</i> modulates inflammation and sensorimotor deficits in cervical myelopathy: data from humans and animal models. <i>Brain Communications</i> , 2021, 3, fcaa234.	1.5	27
95	Prediction of Worse Functional Status After Surgery for Degenerative Cervical Myelopathy: A Machine Learning Approach. <i>Neurosurgery</i> , 2021, 88, 584-591.	0.6	18
96	Are Higher Global Alignment and Proportion Scores Associated With Increased Risks of Mechanical Complications After Adult Spinal Deformity Surgery? An External Validation. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 312-320.	0.7	36
97	Increasing awareness of degenerative cervical myelopathy: a preventative cause of non-traumatic spinal cord injury. <i>Spinal Cord</i> , 2021, 59, 1216-1218.	0.9	12
98	The Role of Magnetic Resonance Imaging to Inform Clinical Decision-Making in Acute Spinal Cord Injury: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4948.	1.0	13
99	Impact of New Motor Deficit on HRQOL After Adult Spinal Deformity Surgery. <i>Spine</i> , 2021, 46, E450-E457.	1.0	2
100	Surgical Outcomes Following Laminectomy With Fusion Versus Laminectomy Alone in Patients With Degenerative Cervical Myelopathy. <i>Spine</i> , 2021, 46, E413-E414.	1.0	0
101	In-hospital Course and Complications of Laminectomy Alone Versus Laminectomy Plus Instrumented Posterolateral Fusion for Lumbar Degenerative Spondylolisthesis. <i>Spine</i> , 2021, 46, 617-623.	1.0	15
102	Spinal Cord Signal Change on Magnetic Resonance Imaging May Predict Worse Clinical In- and Outpatient Outcomes in Patients with Spinal Cord Injury: A Prospective Multicenter Study in 459 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, .	1.0	0
103	Spinal Cord Signal Change on Magnetic Resonance Imaging May Predict Worse Clinical In- and Outpatient Outcomes in Patients with Spinal Cord Injury: A Prospective Multicenter Study in 459 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 4778.	1.0	9
104	The MAPK Signaling Pathway Presents Novel Molecular Targets for Therapeutic Intervention after Traumatic Spinal Cord Injury: A Comparative Cross-Species Transcriptional Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12934.	1.8	4
105	Hepatocyte Growth Factor-Preconditioned Neural Progenitor Cells Attenuate Astrocyte Reactivity and Promote Neurite Outgrowth. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 741681.	1.8	2
106	Neural Progenitor Cells Expressing Herpes Simplex Virus-Thymidine Kinase for Ablation Have Differential Chemosensitivity to Brivudine and Ganciclovir. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 638021.	1.8	3
107	Predicting Outcomes After Surgical Decompression for Mild Degenerative Cervical Myelopathy: Moving Beyond the mJOA to Identify Surgical Candidates. <i>Neurosurgery</i> , 2020, 86, 565-573.	0.6	27
108	Surgical or Radiation Therapy for the Treatment of Cervical Spine Metastases: Results From the Epidemiology, Process, and Outcomes of Spine Oncology (EPOSO) Cohort. <i>Global Spine Journal</i> , 2020, 10, 21-29.	1.2	7

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109	The case for revisiting central cord syndrome. <i>Spinal Cord</i> , 2020, 58, 125-127.	0.9	11
110	Comparison of the Inpatient Complications and Health Care Costs of Anterior versus Posterior Cervical Decompression and Fusion in Patients with Multilevel Degenerative Cervical Myelopathy: A Retrospective Propensity Score-Matched Analysis. <i>World Neurosurgery</i> , 2020, 134, e112-e119.	0.7	30
111	The Impact of Riluzole on Neurobehavioral Outcomes in Preclinical Models of Traumatic and Nontraumatic Spinal Cord Injury: Results From a Systematic Review of the Literature. <i>Global Spine Journal</i> , 2020, 10, 216-229.	1.2	19
112	Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. <i>Neurosurgery</i> , 2020, 87, 303-311.	0.6	47
113	The Effect of Older Age on the Perioperative Outcomes of Spinal Fusion Surgery in Patients With Lumbar Degenerative Disc Disease With Spondylolisthesis: A Propensity Score-Matched Analysis. <i>Neurosurgery</i> , 2020, 87, 672-678.	0.6	10
114	GDNF rescues the fate of neural progenitor grafts by attenuating Notch signals in the injured spinal cord in rodents. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	57
115	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies. <i>PLoS ONE</i> , 2020, 15, e0225907.	1.1	16
116	Commentary: Reliability of the New AOSpine Classification System for Upper Cervical Traumatic Injuries. <i>Neurosurgery</i> , 2020, 86, E271-E272.	0.6	1
117	A combination of mesenchymal stem cells and scaffolds promotes motor functional recovery in spinal cord injury: a systematic review and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 269-284.	0.9	31
118	Sensory cortical control of movement. <i>Nature Neuroscience</i> , 2020, 23, 75-84.	7.1	45
119	The Effect of Tobacco Smoking on Adverse Events Following Adult Complex Deformity Surgery. <i>Spine</i> , 2020, 45, 32-37.	1.0	8
120	Characteristics of Upper Limb Impairment Related to Degenerative Cervical Myelopathy: Development of a Sensitive Hand Assessment (Graded Redefined Assessment of Strength, Sensibility, and Prehension) Tj ETQq0 00rgBT / Overlock 10		
121	The Influence of Cervical Spondylolisthesis on Clinical Presentation and Surgical Outcome in Patients With DCM: Analysis of a Multicenter Global Cohort of 458 Patients. <i>Global Spine Journal</i> , 2020, 10, 448-455.	1.2	12
122	A Personalized Medicine Approach for the Management of Spinal Metastases with Cord Compression: Development of a Novel Clinical Prediction Model for Postoperative Survival and Quality of Life. <i>World Neurosurgery</i> , 2020, 140, 654-663.e13.	0.7	5
123	Harnessing the Secretome of Mesenchymal Stromal Cells for Traumatic Spinal Cord Injury: Multicell Comparison and Assessment of In Vivo Efficacy. <i>Stem Cells and Development</i> , 2020, 29, 1429-1443.	1.1	8
124	A Randomized Controlled Trial of Early versus Late Surgical Decompression for Thoracic and Thoracolumbar Spinal Cord Injury in 73 Patients. <i>Neurotrauma Reports</i> , 2020, 1, 78-87.	0.5	21
125	The leading edge: Emerging neuroprotective and neuroregenerative cell-based therapies for spinal cord injury. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1509-1530.	1.6	76
126	Age as a determinant of inflammatory response and survival of glia and axons after human traumatic spinal cord injury. <i>Experimental Neurology</i> , 2020, 332, 113401.	2.0	11

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127	Multidisciplinary approach to degenerative cervical myelopathy. Expert Review of Neurotherapeutics, 2020, 20, 1037-1046.	1.4	8
128	The Damaged Spinal Cord Is a Suitable Target for Stem Cell Transplantation. Neurorehabilitation and Neural Repair, 2020, 34, 758-768.	1.4	23
129	Navigating the Postgraduate Research Fellowship: A Roadmap for Surgical Residents. Journal of Surgical Research, 2020, 256, 282-289.	0.8	8
130	Use of Machine Learning and Artificial Intelligence to Drive Personalized Medicine Approaches for Spine Care. World Neurosurgery, 2020, 140, 512-518.	0.7	35
131	A partial least squares analysis of functional status, disability, and quality of life after surgical decompression for degenerative cervical myelopathy. Scientific Reports, 2020, 10, 16132.	1.6	4
132	Surgical Outcomes Following Laminectomy With Fusion Versus Laminectomy Alone in Patients With Degenerative Cervical Myelopathy. Spine, 2020, 45, 1696-1703.	1.0	18
133	Frailty Is a Better Predictor than Age of Mortality and Perioperative Complications after Surgery for Degenerative Cervical Myelopathy: An Analysis of 41,369 Patients from the NSQIP Database 2010–2018. Journal of Clinical Medicine, 2020, 9, 3491.	1.0	55
134	The Functional Role of Spinal Interneurons Following Traumatic Spinal Cord Injury. Frontiers in Cellular Neuroscience, 2020, 14, 127.	1.8	30
135	Time is spine: the importance of early intervention for traumatic spinal cord injury. Spinal Cord, 2020, 58, 1037-1039.	0.9	45
136	Perioperative Anticoagulation Management in Spine Surgery: Initial Findings From the AO Spine Anticoagulation Global Survey. Global Spine Journal, 2020, 10, 512-527.	1.2	17
137	Benefits of physical exercise on cognition and glial white matter pathology in a mouse model of vascular cognitive impairment and dementia. Glia, 2020, 68, 1925-1940.	2.5	18
138	Degenerative Cervical Myelopathy: Changing Frontiers. World Neurosurgery, 2020, 135, 377-378.	0.7	11
139	Methylprednisolone Reduces Persistent Post-ischemic Inflammation in a Rat Hypoxia-Ischemia Model of Perinatal Stroke. Translational Stroke Research, 2020, 11, 1117-1136.	2.3	21
140	Quantitative Assessment of Gait Characteristics in Degenerative Cervical Myelopathy: A Prospective Clinical Study. Journal of Clinical Medicine, 2020, 9, 752.	1.0	21
141	Introduction to trauma in the central nervous system. , 2020, , 55-78.		0
142	In-Hospital Mortality for the Elderly with Acute Traumatic Spinal Cord Injury. Journal of Neurotrauma, 2020, 37, 2332-2342.	1.7	31
143	The Relationship Between Gastrointestinal Comorbidities, Clinical Presentation and Surgical Outcome in Patients with DCM: Analysis of a Global Cohort. Journal of Clinical Medicine, 2020, 9, 624.	1.0	11
144	The Use of Magnetic Resonance Imaging by Spine Surgeons in Management of Spinal Trauma Across AO Regions—Results of AO Spine Survey. World Neurosurgery, 2020, 137, e389-e394.	0.7	2

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145	The Use of Intraoperative Neurophysiological Monitoring in Spine Surgery. <i>Global Spine Journal</i> , 2020, 10, 104S-114S.	1.2	78
146	Early Surgery for Traumatic Spinal Cord Injury: Where Are We Now?. <i>Global Spine Journal</i> , 2020, 10, 84S-91S.	1.2	49
147	Ambulatory Surgical Centers: Improving Quality of Operative Spine Care?. <i>Global Spine Journal</i> , 2020, 10, 29S-35S.	1.2	14
148	Degenerative cervical myelopathy – update and future directions. <i>Nature Reviews Neurology</i> , 2020, 16, 108-124.	4.9	264
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