Michael G Fehlings

List of Publications by Year in Descending Order

669 papers	32,526 citations	89 h-index	154 g-index
714 ext. papers	39,266 ext. citations	4.2 avg, IF	7.59 L-index

#	Paper	IF	Citations
669	Clinical outcome measures and their evidence base in degenerative cervical myelopathy: a systematic review to inform a core measurement set (AO Spine RECODE-DCM).. *BMJ Open*, **2022**, 12, e057650	3	1
668	Degenerative Cervical Myelopathy: A Practical Approach to Diagnosis.. *Global Spine Journal*, **2022**, 21925682211072847	2.7	0
667	In vivo imaging in experimental spinal cord injury Techniques and trends. *Brain and Spine*, **2022**, 2, 100859		
666	The biology of ependymomas and emerging novel therapies.. *Nature Reviews Cancer*, **2022**,	31.3	1
665	Research applications of induced pluripotent stem cells for treatment and modeling of spinal cord injury **2022**, 245-268		
664	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	2	
663	Indicators of Quality of Care in Individuals With Traumatic Spinal Cord Injury: A Scoping Review. *Global Spine Journal*, **2022**, 12, 166-181	2.7	0
662	Neuroprotective strategies **2022**, 523-535		
661	Advanced imaging for spinal cord injury **2022**, 105-124		
660	Direct Reprogramming Strategies for the Treatment of Nervous System Injuries and Neurodegenerative Disorders **2022**, 1-30		
659	Translational research in spinal cord injury What is in the future? **2022**, 587-602		
658	Spine Trauma **2022**, 271-287		
657	SCI management **2022**, 319-334		
656	Emerging concepts in the clinical management of SCI for the future **2022**, 575-585		
655	Prevention of Surgical Site Infections in Spine Surgery: An International Survey of Clinical Practices Among Expert Spine Surgeons.. *Global Spine Journal*, **2022**, 21925682211068414	2.7	0
654	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1].. *Global Spine Journal*, **2022**, 12, 28S-38S	2.7	1
653	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	2.7	0

652	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	2.7	0
651	Optimizing the Application of Surgery for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 10].. *Global Spine Journal*, **2022**, 12, 147S-158S	2.7	1
650	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	2.7	0
649	Establishing Diagnostic Criteria for Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 3].. *Global Spine Journal*, **2022**, 12, 55S-63S	2.7	0
648	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	2.7	0
647	Craniocervical Instability in Ehlers-Danlos Syndrome-A Systematic Review of Diagnostic and Surgical Treatment Criteria.. *Global Spine Journal*, **2022**, 21925682211068520	2.7	0
646	Degenerative Cervical Myelopathy: Development and Natural History [AO Spine RECODE-DCM Research Priority Number 2].. *Global Spine Journal*, **2022**, 12, 39S-54S	2.7	1
645	Administration of C5a receptor antagonist improves the efficacy of human iPSCs-derived NS/PC transplantation in the acute phase of spinal cord injury.. *Journal of Neurotrauma*, **2022**,	5.4	1
644	Clinical outcomes and revision rates following four-level anterior cervical discectomy and fusion.. *Scientific Reports*, **2022**, 12, 5339	4.9	0
643	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.. *Global Spine Journal*, **2022**, 12, 78S-96S	2.7	1
642	Commentary: Acute Implantation of a Bioresorbable Polymer Scaffold in Patients With Complete Thoracic Spinal Cord Injury: 24-Month Follow-up From the INSPIRE Study.. *Neurosurgery*, **2022**, 90,	3.2	
641	Cell-based and stem-cell-based treatments for spinal cord injury: evidence from clinical trials.. *Lancet Neurology, The*, **2022**,	24.1	6
640	Neurovascular pathology following traumatic spinal cord injury **2022**, 119-132		
639	Cell–Cell Contact Mediates Gene Expression and Fate Choice of Human Neural Stem/Progenitor Cells. *Cells*, **2022**, 11, 1741	7.9	
638	Machine learning algorithms for prediction of health-related quality-of-life after surgery for mild degenerative cervical myelopathy. *Spine Journal*, **2021**, 21, 1659-1669	4	9
637	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. *Journal of Clinical Medicine*, **2021**, 10, 4778	5.1	0
636	Imaging and Electrophysiology for Degenerative Cervical Myelopathy [AO Spine RECODE DCM Research Priority Number 9]. *Global Spine Journal*, **2021**, 21925682211057484	2.7	1
635	Degenerative Cervical Myelopathy: Towards a Personalized Approach. *Canadian Journal of Neurological Sciences*, **2021**, 1-12	1	0

634	Increasing awareness of degenerative cervical myelopathy: a preventative cause of non-traumatic spinal cord injury. *Spinal Cord*, **2021**, 59, 1216-1218	2.7	1
633	Impact of New Motor Deficit on HRQOL After Adult Spinal Deformity Surgery: Subanalysis From Scoli Risk 1 Prospective Study. *Spine*, **2021**, 46, E450-E457	3.3	1
632	Surgical Outcomes Following Laminectomy With Fusion Versus Laminectomy Alone in Patients With Degenerative Cervical Myelopathy. *Spine*, **2021**, 46, E413-E414	3.3	
631	In-hospital Course and Complications of Laminectomy Alone Versus Laminectomy Plus Instrumented Posterolateral Fusion for Lumbar Degenerative Spondylolisthesis: A Retrospective Analysis of 1804 Patients from the NSQIP Database. *Spine*, **2021**, 46, 617-623	3.3	3
630	Prediction of Worse Functional Status After Surgery for Degenerative Cervical Myelopathy: A Machine Learning Approach. *Neurosurgery*, **2021**, 88, 584-591	3.2	3
629	Are Higher Global Alignment and Proportion Scores Associated With Increased Risks of Mechanical Complications After Adult Spinal Deformity Surgery? An External Validation. *Clinical Orthopaedics and Related Research*, **2021**, 479, 312-320	2.2	6
628	Effect of Ventral vs Dorsal Spinal Surgery on Patient-Reported Physical Functioning in Patients With Cervical Spondylotic Myelopathy: A Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2021**, 325, 942-951	27.4	18
627	Experimental Treatments for Spinal Cord Injury: What you Should Know. *Topics in Spinal Cord Injury Rehabilitation*, **2021**, 27, 50-74	1.5	3
626	Trajectory-Based Classification of Recovery in Sensorimotor Complete Traumatic Cervical Spinal Cord Injury. *Neurology*, **2021**,	6.5	3
625	Longitudinal Impact of Acute Spinal Cord Injury on Clinical Pharmacokinetics of Riluzole, a Potential Neuroprotective Agent. *Journal of Clinical Pharmacology*, **2021**, 61, 1232-1242	2.9	0
624	Earlier Surgery Reduces Complications in Acute Traumatic Thoracolumbar Spinal Cord Injury: Analysis of a Multi-Center Cohort of 4108 Patients. *Journal of Neurotrauma*, **2021**,	5.4	3
623	Regenerative replacement of neural cells for treatment of spinal cord injury. *Expert Opinion on Biological Therapy*, **2021**, 21, 1411-1427	5.4	1
622	A deep learning model for detection of cervical spinal cord compression in MRI scans. *Scientific Reports*, **2021**, 11, 10473	4.9	8
621	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. *Trials*, **2021**, 22, 415	2.8	1
620	Variability in time to surgery for patients with acute thoracolumbar spinal cord injuries. *Scientific Reports*, **2021**, 11, 13312	4.9	2
619	Clinical outcomes of nonoperatively managed degenerative cervical myelopathy: an ambispective longitudinal cohort study in 117 patients. *Journal of Neurosurgery: Spine*, **2021**, 1-9	2.8	6
618	Frailty adversely affects outcomes of patients undergoing spine surgery: a systematic review. *Spine Journal*, **2021**, 21, 988-1000	4	3
617	The Protein Kinase Inhibitor Midostaurin Improves Functional Neurological Recovery and Attenuates Inflammatory Changes Following Traumatic Cervical Spinal Cord Injury. *Biomolecules*, **2021**, 11,	5.9	1

616	‘Time is Spine’: new evidence supports decompression within 24 h for acute spinal cord injury. *Spinal Cord*, **2021**, 59, 933-934	2.7	4
615	Pathophysiology of Spinal Cord Injury. *Neurosurgery Clinics of North America*, **2021**, 32, 305-313	4	7
614	Reasons for delayed spinal cord decompression in individuals with traumatic spinal cord injuries in Iran: A qualitative study from the perspective of neurosurgeons. *Chinese Journal of Traumatology - English Edition*, **2021**, 24, 356-359	2.3	
613	Transcriptomic Hallmarks of Ischemia-Reperfusion Injury. *Cells*, **2021**, 10,	7.9	1
612	Cervical Radiculopathy and Myelopathy **2021**, 659-664		
611	Two-Year Clinical and Radiological Outcomes in Patients With Diabetes Undergoing Single-Level Anterior Cervical Discectomy and Fusion. *Global Spine Journal*, **2021**, 11, 458-464	2.7	2
610	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. *Neurobiology of Disease*, **2021**, 148, 105187	7.5	9
609	The influence of timing of surgical decompression for acute spinal cord injury: a pooled analysis of individual patient data. *Lancet Neurology, The*, **2021**, 20, 117-126	24.1	59
608	Health related quality of life outcomes following surgery and/or radiation for patients with potentially unstable spinal metastases. *Spine Journal*, **2021**, 21, 492-499	4	5
607	Prediction of independence in bowel function after spinal cord injury: validation of a logistic regression model. *Spinal Cord*, **2021**, 59, 207-214	2.7	2
606	Inter-rater Reliability of the Modified Japanese Orthopedic Association Score in Degenerative Cervical Myelopathy: A Cross-sectional Study. *Spine*, **2021**, 46, 1063-1069	3.3	5
605	The Management and Outcomes of Coronavirus Disease 2019 Infection in a Series of Neurosurgical Patients. *Journal of Innovative Optical Health Sciences*, **2021**, 16, 78-83	1.2	0
604	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. *Lancet Neurology, The*, **2021**, 20, 98-106	24.1	7
603	Patient-Reported Outcomes After Complex Adult Spinal Deformity Surgery: 5-Year Results of the Scoli-Risk-1 Study. *Global Spine Journal*, **2021**, 2192568220988276	2.7	5
602	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. *Global Spine Journal*, **2021**, 21925682211033591	2.7	1
601	Neuroimmunological therapies for treating spinal cord injury: Evidence and future perspectives. *Experimental Neurology*, **2021**, 341, 113704	5.7	12
600	Stereotactic body radiotherapy versus conventional external beam radiotherapy in patients with painful spinal metastases: an open-label, multicentre, randomised, controlled, phase 2/3 trial. *Lancet Oncology, The*, **2021**, 22, 1023-1033	21.7	26
599	Reality of Accomplishing Surgery within 24 Hours for Complete Cervical Spinal Cord Injury: Clinical Practices and Safety. *Journal of Neurotrauma*, **2021**, 38, 3011-3019	5.4	0

598	The influence of ApoE4 on the clinical outcomes and pathophysiology of degenerative cervical myelopathy. *JCI Insight*, **2021**, 6,	9.9	1
597	Validation of the AO Spine Sacral Classification System: Reliability Among Surgeons Worldwide. *Journal of Orthopaedic Trauma*, **2021**, 35, e496-e501	3.1	0
596	The Scoli-RISK 1 results of lower extremity motor function 5 years after complex adult spinal deformity surgery. *European Spine Journal*, **2021**, 30, 3243-3254	2.7	0
595	TO THE EDITOR. *Spine*, **2021**, 46, E1067-E1068	3.3	
594	A Randomized Controlled Trial of Local Delivery of a Rho Inhibitor (VX-210) in Patients with Acute Traumatic Cervical Spinal Cord Injury. *Journal of Neurotrauma*, **2021**, 38, 2065-2072	5.4	7
593	Tracking White and Gray Matter Degeneration along the Spinal Cord Axis in Degenerative Cervical Myelopathy. *Journal of Neurotrauma*, **2021**, 38, 2978-2987	5.4	0
592	The Relative Merits of Posterior Surgical Treatments for Multi-Level Degenerative Cervical Myelopathy Remain Uncertain: Findings from a Systematic Review. *Journal of Clinical Medicine*, **2021**, 10,	5.1	1
591	A Systematic Review of Definitions for Dysphagia and Dysphonia in Patients Treated Surgically for Degenerative Cervical Myelopathy. *Global Spine Journal*, **2021**, 21925682211035714	2.7	1
590	Extracellular Matrix and Oxidative Stress Following Traumatic Spinal Cord Injury: Physiological and Pathophysiological Roles and Opportunities for Therapeutic Intervention. *Antioxidants and Redox Signaling*, **2021**,	8.4	4
589	The Role of Microglia in Modulating Neuroinflammation after Spinal Cord Injury. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	10
588	Frailty is an important predictor of 30-day morbidity in patients treated for lumbar spondylolisthesis using a posterior surgical approach. *Spine Journal*, **2021**,	4	4
587	A review of emerging neuroprotective and neuroregenerative therapies in traumatic spinal cord injury. *Current Opinion in Pharmacology*, **2021**, 60, 331-340	5.1	7
586	modulates inflammation and sensorimotor deficits in cervical myelopathy: data from humans and animal models. *Brain Communications*, **2021**, 3, fcaa234	4.5	11
585	Long-term functional outcome of surgical treatment for degenerative cervical myelopathy. *Journal of Neurosurgery: Spine*, **2021**, 1-11	2.8	
584	Hepatocyte Growth Factor-Preconditioned Neural Progenitor Cells Attenuate Astrocyte Reactivity and Promote Neurite Outgrowth.. *Frontiers in Cellular Neuroscience*, **2021**, 15, 741681	6.1	0
583	Improving Assessment of Disease Severity and Strategies for Monitoring Progression in Degenerative Cervical Myelopathy [AO Spine RECODE DCM Research Priority Number 4].. *Global Spine Journal*, **2021**, 21925682211063854	2.7	1
582	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. *Global Spine Journal*, **2021**, 21925682211047546	2.7	1
581	Neural Progenitor Cells Expressing Herpes Simplex Virus-Thymidine Kinase for Ablation Have Differential Chemosensitivity to Brivudine and Ganciclovir.. *Frontiers in Cellular Neuroscience*, **2021**, 15, 638021	6.1	

580	Predicting Outcomes After Surgical Decompression for Mild Degenerative Cervical Myelopathy: Moving Beyond the mJOA to Identify Surgical Candidates. *Neurosurgery*, **2020**, 86, 565-573	3.2	13
579	Surgical Outcomes Following Laminectomy With Fusion Versus Laminectomy Alone in Patients With Degenerative Cervical Myelopathy. *Spine*, **2020**, 45, 1696-1703	3.3	12
578	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,	5.1	21
577	The Functional Role of Spinal Interneurons Following Traumatic Spinal Cord Injury. *Frontiers in Cellular Neuroscience*, **2020**, 14, 127	6.1	15
576	"Time is spine": the importance of early intervention for traumatic spinal cord injury. *Spinal Cord*, **2020**, 58, 1037-1039	2.7	8
575	Perioperative Anticoagulation Management in Spine Surgery: Initial Findings From the AO Spine Anticoagulation Global Survey. *Global Spine Journal*, **2020**, 10, 512-527	2.7	3
574	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	9	7
573	Degenerative Cervical Myelopathy: Changing Frontiers. *World Neurosurgery*, **2020**, 135, 377-378	2.1	6
572	Methylprednisolone Reduces Persistent Post-ischemic Inflammation in a Rat Hypoxia-Ischemia Model of Perinatal Stroke. *Translational Stroke Research*, **2020**, 11, 1117-1136	7.8	7
571	Quantitative Assessment of Gait Characteristics in Degenerative Cervical Myelopathy: A Prospective Clinical Study. *Journal of Clinical Medicine*, **2020**, 9,	5.1	8
570	Introduction to trauma in the central nervous system **2020**, 55-78		
569	In-Hospital Mortality for the Elderly with Acute Traumatic Spinal Cord Injury. *Journal of Neurotrauma*, **2020**, 37, 2332-2342	5.4	8
568	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,	5.1	4
567	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	2.1	
566	The Use of Intraoperative Neurophysiological Monitoring in Spine Surgery. *Global Spine Journal*, **2020**, 10, 104S-114S	2.7	35
565	Early Surgery for Traumatic Spinal Cord Injury: Where Are We Now?. *Global Spine Journal*, **2020**, 10, 84S-91S	2.7	27
564	Ambulatory Surgical Centers: Improving Quality of Operative Spine Care?. *Global Spine Journal*, **2020**, 10, 29S-35S	2.7	8
563	Degenerative cervical myelopathy - update and future directions. *Nature Reviews Neurology*, **2020**, 16, 108-124	15	82

562	Quality and Safety Improvement in Spine Surgery. *Global Spine Journal*, **2020**, 10, 17S-28S	2.7	2
561	Minimizing Blood Loss in Spine Surgery. *Global Spine Journal*, **2020**, 10, 71S-83S	2.7	19
560	Novel innovations in cell and gene therapies for spinal cord injury. *F1000Research*, **2020**, 9,	3.6	16
559	Effects of experimental cervical spinal cord injury on peripheral adaptive immunity. *PLoS ONE*, **2020**, 15, e0241285	3.7	1
558	A Radiographic Analysis of Lumbar Fusion Status and Instrumentation Failure After Complex Adult Spinal Deformity Surgery With Spinopelvic Fixation: Two-Year Follow-up From the Scoli-Risk-1 Prospective Database. *Clinical Spine Surgery*, **2020**, 33, E545-E552	1.8	1
557	Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. *Neurosurgery*, **2020**, 87, 303-311	3.2	18
556	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. *Neurosurgery*, **2020**, 87, 672-678	3.2	5
555	GDNF rescues the fate of neural progenitor grafts by attenuating Notch signals in the injured spinal cord in rodents. *Science Translational Medicine*, **2020**, 12,	17.5	30
554	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies. *PLoS ONE*, **2020**, 15, e0225907	3.7	7
553	Commentary: Reliability of the New AOSpine Classification System for Upper Cervical Traumatic Injuries. *Neurosurgery*, **2020**, 86, E271-E272	3.2	
552	Sensory cortical control of movement. *Nature Neuroscience*, **2020**, 23, 75-84	25.5	18
551	The Effect of Tobacco Smoking on Adverse Events Following Adult Complex Deformity Surgery: Analysis of 270 Patients From the Prospective, Multicenter Scoli-RISK-1 Study. *Spine*, **2020**, 45, 32-37	3.3	4
550	Characteristics of Upper Limb Impairment Related to Degenerative Cervical Myelopathy: Development of a Sensitive Hand Assessment (Graded Redefined Assessment of Strength, Sensibility, and Prehension Version Myelopathy). *Neurosurgery*, **2020**, 86, E292-E299	3.2	9
549	The Influence of Cervical Spondylolisthesis on Clinical Presentation and Surgical Outcome in Patients With DCM: Analysis of a Multicenter Global Cohort of 458 Patients. *Global Spine Journal*, **2020**, 10, 448-455	2.7	5
548	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. *World Neurosurgery*, **2020**, 140, 654-663.e13	2.1	0
547	Harnessing the Secretome of Mesenchymal Stromal Cells for Traumatic Spinal Cord Injury: Multicell Comparison and Assessment of In Vivo Efficacy. *Stem Cells and Development*, **2020**, 29, 1429-1443	4.4	4
546	A Randomized Controlled Trial of Early versus Late Surgical Decompression for Thoracic and Thoracolumbar Spinal Cord Injury in 73 Patients. *Neurotrauma Reports*, **2020**, 1, 78-87	1.6	4
545	The leading edge: Emerging neuroprotective and neuroregenerative cell-based therapies for spinal cord injury. *Stem Cells Translational Medicine*, **2020**, 9, 1509-1530	6.9	25

544	Age as a determinant of inflammatory response and survival of glia and axons after human traumatic spinal cord injury. *Experimental Neurology*, **2020**, 332, 113401	5.7	3
543	Multidisciplinary approach to degenerative cervical myelopathy. *Expert Review of Neurotherapeutics* , **2020**, 20, 1037-1046	4.3	4
542	The Damaged Spinal Cord Is a Suitable Target for Stem Cell Transplantation. *Neurorehabilitation and Neural Repair*, **2020**, 34, 758-768	4.7	6
541	Navigating the Postgraduate Research Fellowship: A Roadmap for Surgical Residents. *Journal of Surgical Research*, **2020**, 256, 282-289	2.5	4
540	Use of Machine Learning and Artificial Intelligence to Drive Personalized Medicine Approaches for Spine Care. *World Neurosurgery*, **2020**, 140, 512-518	2.1	10
539	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	4.9	2
538	Factors Affecting the Decision to Initiate Anticoagulation After Spine Surgery: Findings From the AOSpine Anticoagulation Global Initiative. *Global Spine Journal*, **2020**, 2192568220948027	2.7	0
537	Surgical or Radiation Therapy for the Treatment of Cervical Spine Metastases: Results From the Epidemiology, Process, and Outcomes of Spine Oncology (EPOSO) Cohort. *Global Spine Journal*, **2020**, 10, 21-29	2.7	2
536	The case for revisiting central cord syndrome. *Spinal Cord*, **2020**, 58, 125-127	2.7	6
535	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. *World Neurosurgery*, **2020**, 134, e112-e119	2.1	11
534	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. *Global Spine Journal*, **2020**, 10, 216-229	2.7	12
533	Epidemiology and Impact of Spinal Cord Injury in the Elderly: Results of a Fifteen-Year Population-Based Cohort Study. *Journal of Neurotrauma*, **2020**, 37, 1740-1751	5.4	11
532	Efficacy of Ultra-Early (24-138.5 h) Surgery with Magnetic Resonance Imaging-Confirmed Decompression in American Spinal Injury Association Impairment Scale Grades A, B, and C Cervical Spinal Cord Injury. *Journal of Neurotrauma*, **2020**, 37, 1759-1760	5.4	2
531	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies **2020**, 15, e0225907		
530	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies **2020**, 15, e0225907		
529	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies **2020**, 15, e0225907		
528	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies **2020**, 15, e0225907		
527	National Spinal Cord Injury Registry of Iran (NSCIR-IR) - a critical appraisal of its strengths and weaknesses. *Chinese Journal of Traumatology - English Edition*, **2019**, 22, 300-303	2.3	2

526	Quantification of computational geometric congruence in surface-based registration for spinal intra-operative three-dimensional navigation. *PLoS ONE*, **2019**, 14, e0207137	3.7	2
525	Duration of symptoms in the quantification of upper limb disability and impairment for individuals with mild degenerative cervical myelopathy (DCM). *PLoS ONE*, **2019**, 14, e0222134	3.7	8
524	The graded redefined assessment of strength sensibility and prehension version 2 (GV2): Psychometric properties. *Journal of Spinal Cord Medicine*, **2019**, 42, 149-157	1.9	3
523	Is there any gender or age-related discrepancy in the waiting time for each step in the surgical management of acute traumatic cervical spinal cord injury?. *Journal of Spinal Cord Medicine*, **2019**, 42, 233-241	1.9	4
522	Sex-related discrepancies in the epidemiology, injury characteristics and outcomes after acute spine trauma: A retrospective cohort study. *Journal of Spinal Cord Medicine*, **2019**, 42, 10-20	1.9	7
521	Generation of Definitive Neural Progenitor Cells from Human Pluripotent Stem Cells for Transplantation into Spinal Cord Injury. *Methods in Molecular Biology*, **2019**, 1919, 25-41	1.4	6
520	Utilization of Spinal Intra-operative Three-dimensional Navigation by Canadian Surgeons and Trainees: A Population-based Time Trend Study. *Canadian Journal of Neurological Sciences*, **2019**, 46, 87-95	1	6
519	Examining the fundamental biology of a novel population of directly reprogrammed human neural precursor cells. *Stem Cell Research and Therapy*, **2019**, 10, 166	8.3	16
518	Development and Implementation of Clinical Practice Guidelines: An Update and Synthesis of the Literature With a Focus in Application to Spinal Conditions. *Global Spine Journal*, **2019**, 9, 53S-64S	2.7	3
517	Evolution and Advancement of Adult Spinal Deformity Research and Clinical Care: An Overview of the Scoli-RISK-1 Study. *Global Spine Journal*, **2019**, 9, 8S-14S	2.7	6
516	RE-CODE DCM (search Objectives and ommon ata lements for egenerative ervical yelopathy): A Consensus Process to Improve Research Efficiency in DCM, Through Establishment of a Standardized Dataset for Clinical Research and the Definition of the Research Priorities. *Global Spine Journal*, **2019**, 9, 65S-76S	2.7	43
515	Predictors of Return to Normal Neurological Function After Surgery for Moderate and Severe Degenerative Cervical Myelopathy: An Analysis of A Global AOSpine Cohort of Patients. *Neurosurgery*, **2019**, 85, E917-E923	3.2	5
514	AOSpine Global Survey: International Trends in Utilization of Magnetic Resonance Imaging/Computed Tomography for Spinal Trauma and Spinal Cord Injury across AO Regions. *Journal of Neurotrauma*, **2019**, 36, 3323-3331	5.4	4
513	Management of Acute Traumatic Central Cord Syndrome: A Narrative Review. *Global Spine Journal*, **2019**, 9, 89S-97S	2.7	14
512	Regeneration of Spinal Cord Connectivity Through Stem Cell Transplantation and Biomaterial Scaffolds. *Frontiers in Cellular Neuroscience*, **2019**, 13, 248	6.1	60
511	Association of Pneumonia, Wound Infection, and Sepsis with Clinical Outcomes after Acute Traumatic Spinal Cord Injury. *Journal of Neurotrauma*, **2019**, 36, 3044-3050	5.4	24
510	Using a machine learning approach to predict outcome after surgery for degenerative cervical myelopathy. *PLoS ONE*, **2019**, 14, e0215133	3.7	43
509	Endogenous Interleukin-10 Deficiency Exacerbates Vascular Pathology in Traumatic Cervical Spinal Cord Injury. *Journal of Neurotrauma*, **2019**, 36, 2298-2307	5.4	6

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