

Global prevalence and incidence of traumatic spinal cord

Clinical Epidemiology

6, 309

DOI: [10.2147/clep.s68889](https://doi.org/10.2147/clep.s68889)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Degenerative Cervical Myelopathy. <i>Neurosurgery</i> , 2015, 77, S51-S67.	0.6	197
2	Test-retest reliability of the Quebec user evaluation of satisfaction with assistive technology 2.0-Korean version for individuals with spinal cord injury. <i>Journal of Physical Therapy Science</i> , 2015, 27, 1291-1293.	0.2	15
3	Epidemiology and contemporary risk profile of traumatic spinal cord injury in Switzerland. <i>Injury Epidemiology</i> , 2015, 2, 28.	0.8	59
4	Acute Spinal Cord Injury. <i>Journal of Spinal Disorders and Techniques</i> , 2015, 28, 202-210.	1.8	173
5	Chemokine-Ligands/Receptors: Multiplayers in Traumatic Spinal Cord Injury. <i>Mediators of Inflammation</i> , 2015, 2015, 1-9.	1.4	17
6	Sexual and reproductive function in spinal cord injury and spinal surgery patients. <i>Orthopedic Reviews</i> , 2015, 7, 5842.	0.3	18
7	The Potential for iPS-Derived Stem Cells as a Therapeutic Strategy for Spinal Cord Injury: Opportunities and Challenges. <i>Journal of Clinical Medicine</i> , 2015, 4, 37-65.	1.0	21
8	Prevalence of Spinal Cord Injury in Iran: A 3-Source Capture-Recapture Study. <i>Neuroepidemiology</i> , 2015, 45, 28-33.	1.1	23
9	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
10	Clinical Evaluation and Airway Management for Adults with Cervical Spine Instability. <i>Anesthesiology Clinics</i> , 2015, 33, 315-327.	0.6	17
11	Study participation rate of patients with acute spinal cord injury early during rehabilitation. <i>Spinal Cord</i> , 2015, 53, 738-742.	0.9	5
12	Emergency Neurological Life Support: Traumatic Spine Injury. <i>Neurocritical Care</i> , 2015, 23, 155-164.	1.2	14
13	BDNF promotes the growth of human neurons through crosstalk with the Wnt/ β -catenin signaling pathway via GSK-3 β . <i>Neuropeptides</i> , 2015, 54, 35-46.	0.9	52
14	Global neurotrauma research challenges and opportunities. <i>Nature</i> , 2015, 527, S193-S197.	13.7	359
15	Polydatin Protects Bone Marrow Stem Cells against Oxidative Injury: Involvement of Nrf 2/ARE Pathways. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	37
16	Advances in the management of infertility in men with spinal cord injury. <i>Asian Journal of Andrology</i> , 2016, 18, 382.	0.8	48
17	Inflammogenesis of Secondary Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 98.	1.8	322
18	The Role of microRNA Markers in the Diagnosis, Treatment, and Outcome Prediction of Spinal Cord Injury. <i>Frontiers in Surgery</i> , 2016, 3, 56.	0.6	29

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19	C-C motif chemokine ligand 20 regulates neuroinflammation following spinal cord injury via Th17 cell recruitment. <i>Journal of Neuroinflammation</i> , 2016, 13, 162.	3.1	36
20	Walking with a powered robotic exoskeleton: Subjective experience, spasticity and pain in spinal cord injured persons. <i>NeuroRehabilitation</i> , 2016, 39, 277-283.	0.5	65
21	Hybrid EEG/EOG-based brain/neural hand exoskeleton restores fully independent daily living activities after quadriplegia. <i>Science Robotics</i> , 2016, 1, .	9.9	163
22	A Systematic Review of Telerehabilitation and mHealth Interventions for Spinal Cord Injury. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2016, 4, 295-311.	0.3	14
23	Changing demographics of spinal cord injury over a 20-year period: a longitudinal population-based study in Scotland. <i>Spinal Cord</i> , 2016, 54, 270-276.	0.9	106
24	The role of specialist units to provide focused care and complication avoidance following traumatic spinal cord injury: a systematic review. <i>European Spine Journal</i> , 2016, 25, 1813-1820.	1.0	22
25	The epidemiology of thoracolumbar trauma: A meta-analysis. <i>Journal of Orthopaedics</i> , 2016, 13, 383-388.	0.6	85
26	Prevalence and Causes of Paralysis in the United States, 2013. <i>American Journal of Public Health</i> , 2016, 106, 1855-1857.	1.5	135
27	A study of cannabinoid-1 receptors during the early phase of excitotoxic damage to rat spinal locomotor networks in vitro. <i>Neuroscience</i> , 2016, 333, 214-228.	1.1	3
28	Injectable Hydrogels for Spinal Cord Repair: A Focus on Swelling and Intraspinal Pressure. <i>Cells Tissues Organs</i> , 2016, 202, 67-84.	1.3	33
30	Clinical proteomics of enervated neurons. <i>Clinical Proteomics</i> , 2016, 13, 10.	1.1	2
31	Evidence for an Age-Dependent Decline in Axon Regeneration in the Adult Mammalian Central Nervous System. <i>Cell Reports</i> , 2016, 15, 238-246.	2.9	117
32	Taking a bite out of spinal cord injury: do dental stem cells have the teeth for it?. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1413-1437.	2.4	22
33	Methylprednisolone for the Treatment of Patients with Acute Spinal Cord Injuries: A Systematic Review and Meta-Analysis. <i>Journal of Neurotrauma</i> , 2016, 33, 468-481.	1.7	129
34	Carvedilol protects bone marrow stem cells against hydrogen peroxide-induced cell death via PI3K-AKT pathway. <i>Biomedicine and Pharmacotherapy</i> , 2016, 78, 257-263.	2.5	20
35	Is Urgent Decompression Superior to Delayed Surgery for Traumatic Spinal Cord Injury? A Meta-Analysis. <i>World Neurosurgery</i> , 2016, 87, 124-131.	0.7	70
36	Anxiety prevalence following spinal cord injury: a meta-analysis. <i>Spinal Cord</i> , 2016, 54, 570-578.	0.9	65
37	Steroid Use for Acute Spinal Cord Injury in Latin America: A Potentially Dangerous Practice Guided by Fear of Lawsuit. <i>World Neurosurgery</i> , 2016, 88, 342-349.	0.7	12

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38	A rabbit model of lumbar distraction spinal cord injury. <i>Spine Journal</i> , 2016, 16, 643-658.	0.6	14
39	Therapeutical Strategies for Spinal Cord Injury and a Promising Autologous Astrocyte-Based Therapy Using Efficient Reprogramming Techniques. <i>Molecular Neurobiology</i> , 2016, 53, 2826-2842.	1.9	21
40	Adherence to US Preventive Services Task Force recommendations for breast and cervical cancer screening for women who have a spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2017, 40, 76-84.	0.7	9
41	Mechano-Transduction Signals Derived from Self-Assembling Peptide Nanofibers Containing Long Motif of Laminin Influence Neurogenesis in In-Vitro and In-Vivo. <i>Molecular Neurobiology</i> , 2017, 54, 2483-2496.	1.9	33
42	Spinal cord regeneration in <i>Xenopus laevis</i> . <i>Nature Protocols</i> , 2017, 12, 372-389.	5.5	24
43	Therapeutic potential of flavonoids in spinal cord injury. <i>Reviews in the Neurosciences</i> , 2017, 28, 87-101.	1.4	15
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48	A prospective serial MRI study following acute traumatic cervical spinal cord injury. <i>European Spine Journal</i> , 2017, 26, 2324-2332.	1.0	34
49	Traumatic Spinal Cord Injury – Repair and Regeneration. <i>Neurosurgery</i> , 2017, 80, S9-S22.	0.6	554
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52	Mild Acute Intermittent Hypoxia Improves Respiratory Function in Unanesthetized Rats With Midcervical Contusion. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 364-375.	1.4	22
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54	Local injection of Lenti-Olig2 at lesion site promotes functional recovery of spinal cord injury in rats. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 475-487.	1.9	18
55	Fumaric Acid Esters Attenuate Secondary Degeneration after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 3027-3040.	1.7	22

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56	Thorn in My Spine: A case of a retained intradural extramedullary foreign body. <i>Clinical Imaging</i> , 2017, 45, 118-121.	0.8	3
57	Upper limb robotics applied to neurorehabilitation: An overview of clinical practice. <i>NeuroRehabilitation</i> , 2017, 41, 5-15.	0.5	13
58	Defined and Scalable Differentiation of Human Oligodendrocyte Precursors from Pluripotent Stem Cells in a 3D Culture System. <i>Stem Cell Reports</i> , 2017, 8, 1770-1783.	2.3	59
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61	Perspectives on classical controversies about the motor cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 1828-1848.	0.9	92
62	Cardiac arrest attributable to dysfunction of the autonomic nervous system after traumatic cervical spinal cord injury. <i>Chinese Journal of Traumatology - English Edition</i> , 2017, 20, 118-121.	0.7	8
63	The Nationwide Burden of Neurological Conditions Requiring Emergency Neurosurgery. <i>Neurosurgery</i> , 2017, 81, 422-431.	0.6	10
64	People with Spinal Cord Injury in the United States. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, S124-S126.	0.7	15
65	Proton NMR metabolic profiling of CSF reveals distinct differentiation of meningitis from negative controls. <i>Clinica Chimica Acta</i> , 2017, 469, 42-52.	0.5	10
66	D-β-Hydroxybutyrate promotes functional recovery and relieves pain hypersensitivity in mice with spinal cord injury. <i>British Journal of Pharmacology</i> , 2017, 174, 1961-1971.	2.7	66
67	Ketogenic Metabolism Inhibits Histone Deacetylase (HDAC) and Reduces Oxidative Stress After Spinal Cord Injury in Rats. <i>Neuroscience</i> , 2017, 366, 36-43.	1.1	74
68	Traumatic spinal cord injury in the north-east Tanzania – describing incidence, etiology and clinical outcomes retrospectively. <i>Global Health Action</i> , 2017, 10, 1355604.	0.7	40
69	Translational Advances in the Management of Acute Spinal Cord Injury. <i>Neurosurgery</i> , 2017, 64, 119-128.	0.6	25
70	Multimodal sensor-based weight drop spinal cord impact system for large animals. <i>Spine Journal</i> , 2017, 17, 1947-1955.	0.6	2
71	Cervical Cord-Canal Mismatch: A New Method for Identifying Predisposition to Spinal Cord Injury. <i>World Neurosurgery</i> , 2017, 108, 112-117.	0.7	27
72	Emergency Neurological Life Support: Traumatic Spine Injury. <i>Neurocritical Care</i> , 2017, 27, 170-180.	1.2	32
73	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

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74	Functional gait analysis in a spinal contusion rat model. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 540-546.	2.9	25
75	People with Spinal Cord Injury in Spain. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, S112-S115.	0.7	3
76	The Cross-Cultural Societal Response to SCI. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, S41-S54.	0.7	9
77	Current Options for Cell Therapy in Spinal Cord Injury. <i>Trends in Molecular Medicine</i> , 2017, 23, 831-849.	3.5	141
78	A profile of traumatic spinal cord injury and medical complications in Latvia. <i>Spinal Cord Series and Cases</i> , 2017, 3, 17088.	0.3	10
79	Reinnervation of the diaphragm by the inferior laryngeal nerve to the phrenic nerve in ventilator-dependent tetraplegic patients with C3-5 damage. <i>ERJ Open Research</i> , 2017, 3, 00052-2017.	1.1	1
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81	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury: Recommendations on the Type and Timing of Rehabilitation. <i>Global Spine Journal</i> , 2017, 7, 231S-238S.	1.2	47
82	Evaluation of sexual and fertility dysfunction in spinal cord-injured men in Jamaica. <i>Spinal Cord Series and Cases</i> , 2017, 3, 17026.	0.3	11
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84	Development of an instrumented spinal cord surrogate using optical fibers: A feasibility study. <i>Medical Engineering and Physics</i> , 2017, 48, 212-216.	0.8	1
85	Complications in the Management of Patients with Spine Trauma. <i>Neurosurgery Clinics of North America</i> , 2017, 28, 147-155.	0.8	16
86	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
87	Characterization of the Antibody Response after Cervical Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1209-1226.	1.7	33
88	The age factor in axonal repair after spinal cord injury: A focus on neuron-intrinsic mechanisms. <i>Neuroscience Letters</i> , 2017, 652, 41-49.	1.0	42
89	Stem cells for spinal cord injury: Strategies to inform differentiation and transplantation. <i>Biotechnology and Bioengineering</i> , 2017, 114, 245-259.	1.7	43
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91	Three Dimensional Quantification of Microarchitecture and Vessel Regeneration by Synchrotron Radiation Microcomputed Tomography in a Rat Model of Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1187-1199.	1.7	30

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93	TRPA1 polymorphisms in chronic and complete spinal cord injury patients with neuropathic pain: a pilot study. <i>Spinal Cord Series and Cases</i> , 2017, 3, 17089.	0.3	8
94	Spinal Cord Edema After Spinal Cord Injury. , 2017, , 261-275.		3
95	Comparison among bone marrow mesenchymal stem and mononuclear cells to promote functional recovery after spinal cord injury in rabbits. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 1026-1035.	0.3	4
96	What Is Spinal Cord Injury?. <i>Frontiers for Young Minds</i> , 2017, 5, .	0.8	0
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101	Functional Test Scales for Evaluating Cell-Based Therapies in Animal Models of Spinal Cord Injury. <i>Stem Cells International</i> , 2017, 2017, 1-12.	1.2	5
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103	Does spending matters? Re-looking into various covariates associated with Out of Pocket Expenditure (OOPE) and catastrophic spending on accidental injury from NSSO 71st round data. <i>Health Economics Review</i> , 2017, 7, 48.	0.8	11
104	Concept Development of a New Lumbar Intervertebral Disk Implant. <i>MATEC Web of Conferences</i> , 2017, 137, 02002.	0.1	1
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107	Autonomic Nervous System in Paralympic Athletes with Spinal Cord Injury. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2018, 29, 245-266.	0.7	12
108	<sc>FGF</sc>1 improves functional recovery through inducing <sc>PRDX</sc>1 to regulate autophagy and antiROS after spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2727-2738.	1.6	50
109	Proton NMR based serum metabolic profile correlates with the neurological recovery in treated acute spinal cord injury (ASCI) subjects: A pilot study. <i>Clinica Chimica Acta</i> , 2018, 480, 150-160.	0.5	7

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111	Improving Sperm Viability After Spinal Cord Injury Using Hyperbaric Therapy. <i>World Neurosurgery</i> , 2018, 113, e232-e238.	0.7	6
112	Critical role of sigma-1 receptors in central neuropathic pain-related behaviours after mild spinal cord injury in mice. <i>Scientific Reports</i> , 2018, 8, 3873.	1.6	50
113	Biochemical profiling of rat embryonic stem cells grown on electrospun polyester fibers using synchrotron infrared microspectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3649-3660.	1.9	6
114	Exosomes in Acquired Neurological Disorders: New Insights into Pathophysiology and Treatment. <i>Molecular Neurobiology</i> , 2018, 55, 9280-9293.	1.9	86
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116	Hyperphosphorylated Tau as a Novel Biomarker for Traumatic Axonal Injury in the Spinal Cord. <i>Journal of Neurotrauma</i> , 2018, 35, 1929-1941.	1.7	21
117	The emerging role of long non-coding RNA in spinal cord injury. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2055-2061.	1.6	44
118	Spinal Cord Stimulation as a Neuromodulatory Intervention for Altered Motor Control Following Spinal Cord Injury. <i>Biosystems and Biorobotics</i> , 2018, , 501-521.	0.2	2
119	Worldwide Steroid Prescription for Acute Spinal Cord Injury. <i>Global Spine Journal</i> , 2018, 8, 303-310.	1.2	20
120	Gait Training by FES. <i>Biosystems and Biorobotics</i> , 2018, , 307-323.	0.2	2
121	Robot-assisted upper extremity rehabilitation for cervical spinal cord injuries: a systematic scoping review. <i>Disability and Rehabilitation: Assistive Technology</i> , 2018, 13, 704-715.	1.3	36
122	Descriptive epidemiology of traumatic spinal injury in Japan. <i>Journal of Orthopaedic Science</i> , 2018, 23, 273-276.	0.5	26
123	Rho Inhibitor VX-210 in Acute Traumatic Subaxial Cervical Spinal Cord Injury: Design of the SPinal Cord Injury Rho INhibition InvestiGation (SPRING) Clinical Trial. <i>Journal of Neurotrauma</i> , 2018, 35, 1049-1056.	1.7	74
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125	Potential immunotherapies for traumatic brain and spinal cord injury. <i>Chinese Journal of Traumatology - English Edition</i> , 2018, 21, 125-136.	0.7	35
126	Brain changes after spinal cord injury, a quantitative meta-analysis and review. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 272-293.	2.9	57
127	Facilitators and Barriers to International Collaboration in Spinal Cord Injury: Results from a Survey of Clinicians and Researchers. <i>Journal of Neurotrauma</i> , 2018, 35, 478-485.	1.7	13

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128	Resilience and the rehabilitation of adult spinal cord injury survivors: A qualitative systematic review. <i>Journal of Advanced Nursing</i> , 2018, 74, 23-33.	1.5	42
129	The meaning of work after spinal cord injury: a scoping review. <i>Spinal Cord</i> , 2018, 56, 92-105.	0.9	29
130	Rapid recovery and altered neurochemical dependence of locomotor central pattern generation following lumbar neonatal spinal cord injury. <i>Journal of Physiology</i> , 2018, 596, 281-303.	1.3	15
131	Quercetin reduces neural tissue damage and promotes astrocyte activation after spinal cord injury in rats. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2298-2306.	1.2	45
132	Locomotor recovery after lumbar spinal cord injury: fact or fancy?. <i>Journal of Physiology</i> , 2018, 596, 137-138.	1.3	1
133	A Community Perspective on Bowel Management and Quality of Life after Spinal Cord Injury: The Influence of Autonomic Dysreflexia. <i>Journal of Neurotrauma</i> , 2018, 35, 1091-1105.	1.7	59
134	Zhenbao pill protects against acute spinal cord injury via <i>miR-146a-5p</i> regulating the expression of GPR17. <i>Bioscience Reports</i> , 2018, 38, .	1.1	21
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136	Balance, gait, and falls in spinal cord injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 159, 367-384.	1.0	29
137	Ageing, Disability, and Spinal Cord Injury: Some Issues of Analysis. <i>Current Gerontology and Geriatrics Research</i> , 2018, 2018, 1-7.	1.6	26
138	Thermoregulation following spinal cord injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 157, 799-820.	1.0	34
139	Snx27 Deletion Promotes Recovery From Spinal Cord Injury by Neuroprotection and Reduces Macrophage/Microglia Proliferation. <i>Frontiers in Neurology</i> , 2018, 9, 1059.	1.1	5
140	Energy Expenditure as a Function of Activity Level After Spinal Cord Injury: The Need for Tetraplegia-Specific Energy Balance Guidelines. <i>Frontiers in Physiology</i> , 2018, 9, 1286.	1.3	14
141	Multimorbidity of overweight and obesity alongside anxiety and depressive disorders in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2018, , 1-9.	0.7	12
142	3D MALDI mass spectrometry imaging reveals specific localization of long-chain acylcarnitines within a 10-day time window of spinal cord injury. <i>Scientific Reports</i> , 2018, 8, 16083.	1.6	21
143	Improvement of Sexual and Reproductive Function in Men with Spinal Cord Lesion. <i>Acta Clinica Croatica</i> , 2018, 57, 149-156.	0.1	7
144	Engaging cervical spinal circuitry with non-invasive spinal stimulation and buspirone to restore hand function in chronic motor complete patients. <i>Scientific Reports</i> , 2018, 8, 15546.	1.6	63
145	Bowel Dysfunction in Spinal Cord Injury. <i>Current Gastroenterology Reports</i> , 2018, 20, 47.	1.1	46

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147	Cell Transplantation for Spinal Cord Injury: Tumorigenicity of Induced Pluripotent Stem Cell-Derived Neural Stem/Progenitor Cells. <i>Stem Cells International</i> , 2018, 2018, 1-7.	1.2	57
148	Quantitative Approach Based on Wearable Inertial Sensors to Assess and Identify Motion and Errors in Techniques Used during Training of Transfers of Simulated c-Spine-Injured Patients. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-9.	1.1	6
149	Early (≤ 48 Hours) versus Late (>48 Hours) Surgery in Spinal Cord Injury: Treatment Outcomes and Risk Factors for Spinal Cord Injury. <i>World Neurosurgery</i> , 2018, 118, e513-e525.	0.7	22
150	Sexual Health in Men With Traumatic Spinal Cord Injuries: A Review and Recommendations for Primary Health-Care Providers. <i>American Journal of Men's Health</i> , 2018, 12, 2044-2054.	0.7	35
151	Biomaterial-Supported Cell Transplantation Treatments for Spinal Cord Injury: Challenges and Perspectives. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 430.	1.8	83
152	History of Glial Cell Line-Derived Neurotrophic Factor (GDNF) and Its Use for Spinal Cord Injury Repair. <i>Brain Sciences</i> , 2018, 8, 109.	1.1	39
153	Stem Cell Applications in Spinal Cord Injury: A Primer. , 2018, , 43-72.		2
154	Retraining Reflexes: Clinical Translation of Spinal Reflex Operant Conditioning. <i>Neurotherapeutics</i> , 2018, 15, 669-683.	2.1	10
155	Epidemiology and pathophysiology of neurogenic bladder after spinal cord injury. <i>World Journal of Urology</i> , 2018, 36, 1517-1527.	1.2	119
156	DNA hydroxymethylation mediated traumatic spinal injury by influencing cell death-related gene expression. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9295-9302.	1.2	10
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