

# Julio C Furlan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104  
papers

3,567  
citations

32  
h-index

58  
g-index

111  
ext. papers

4,334  
ext. citations

3.7  
avg, IF

5.47  
L-index

#	Paper	IF	Citations
104	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> , <b>2022</b> , 12, e057650	3	1
103	A Scoping Review of Registered Clinical Studies on Management of Individuals With Acute Spinal Cord Injury (2000-2020): Trends and Characteristics of the Research Initiatives.. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2022</b> , 101, 184-190	2.6	
102	Economic impact of traumatic spinal cord injury <b>2022</b> , 371-384		
101	SCI management <b>2022</b> , 349-369		
100	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1].. <i>Global Spine Journal</i> , <b>2022</b> , 12, 28S-38S	2.7	1
99	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> , <b>2022</b> , 12, 122S-129S	2.7	0
98	Developing Peri-Operative Rehabilitation in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 6]: An Unexplored Opportunity?. <i>Global Spine Journal</i> , <b>2022</b> , 12, 97S-108S	2.7	0
97	Peripheral Neuropathy in the Lower Limbs of Individuals With Spinal Cord Injury or Disease: A Retrospective Study. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2021</b> , 100, 57-64	2.6	
96	In Reply: A Scoping Review of Registered Clinical Studies on Mild Traumatic Brain Injury and Concussion (2000-2019). <i>Neurosurgery</i> , <b>2021</b> , 89, E180-E181	3.2	
95	Properties of the surface electromyogram following traumatic spinal cord injury: a scoping review. <i>Journal of NeuroEngineering and Rehabilitation</i> , <b>2021</b> , 18, 105	5.3	4
94	Factors Associated with Recovery in Motor Strength, Walking Ability, and Bowel and Bladder Function after Traumatic Cauda Equina Injury. <i>Journal of Neurotrauma</i> , <b>2021</b> , 38, 322-329	5.4	2
93	Clinical Benefits and System Design of FES-Rowing Exercise for Rehabilitation of Individuals with Spinal Cord Injury: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2021</b> , 102, 1595-1605	2.8	3
92	Effects on Outcomes of Hyperglycemia in the Hyperacute Stage after Acute Traumatic Spinal Cord Injury. <i>Neurotrauma Reports</i> , <b>2021</b> , 2, 14-24	1.6	0
91	Degenerative cervical myelopathy - update and future directions. <i>Nature Reviews Neurology</i> , <b>2020</b> , 16, 108-124	15	82
90	Age as a determinant of inflammatory response and survival of glia and axons after human traumatic spinal cord injury. <i>Experimental Neurology</i> , <b>2020</b> , 332, 113401	5.7	3
89	A Scoping Review of Registered Clinical Studies on Mild Traumatic Brain Injury and Concussion (2000 to 2019). <i>Neurosurgery</i> , <b>2020</b> , 87, 891-899	3.2	3
88	Personalized adapted locomotor training for an individual with sequelae of West Nile virus infection: a mixed-method case report. <i>Physiotherapy Theory and Practice</i> , <b>2020</b> , 36, 844-854	1.5	1

87	Traumatic spinal cord injury in military personnel versus civilians: a propensity score-matched cohort study. <i>BMJ Military Health</i> , <b>2020</b> , 166, e57-e62	1	1
86	Development of Cardiometabolic Health indicators to advance the quality of spinal cord injury rehabilitation: SCI-High Project. <i>Journal of Spinal Cord Medicine</i> , <b>2019</b> , 42, 166-175	1.9	2
85	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?. <i>Journal of Spinal Cord Medicine</i> , <b>2019</b> , 42, 233-241	1.9	4
84	Sex-related discrepancies in the epidemiology, injury characteristics and outcomes after acute spine trauma: A retrospective cohort study. <i>Journal of Spinal Cord Medicine</i> , <b>2019</b> , 42, 10-20	1.9	7
83	Economic Impact of Aging on the Initial Spine Care of Patients With Acute Spine Trauma: From Bedside to Teller. <i>Neurosurgery</i> , <b>2019</b> , 84, 1251-1260	3.2	2
82	Epidemiology of War-Related Spinal Cord Injury Among Combatants: A Systematic Review. <i>Global Spine Journal</i> , <b>2019</b> , 9, 545-558	2.7	8
81	Application of electrophysiological measures in spinal cord injury clinical trials: a narrative review. <i>Spinal Cord</i> , <b>2019</b> , 57, 909-923	2.7	17
80	Hypothesis Testing in Superiority, Noninferiority, and Equivalence Clinical Trials: Implications in Physical Medicine and Rehabilitation. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2019</b> , 98, 226-230	2.6	1
79	Second-Order Peer Reviews of Clinically Relevant Articles for the Physiatrist: Is Pregabalin Effective in the Treatment of Radiating Low Back Pain Into the Leg?. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 97, e78-e80	2.6	0
78	A scoping review on health economics in neurosurgery for acute spine trauma. <i>Neurosurgical Focus</i> , <b>2018</b> , 44, E15	4.2	9
77	Autonomic dysreflexia following acute myelitis due to neuromyelitis optica. <i>Multiple Sclerosis and Related Disorders</i> , <b>2018</b> , 23, 1-3	4	10
76	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury and Central Cord Syndrome: Recommendations on the Timing (≤4 Hours Versus >24 Hours) of Decompressive Surgery. <i>Global Spine Journal</i> , <b>2017</b> , 7, 195S-202S	2.7	90
75	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury: Recommendations on the Use of Methylprednisolone Sodium Succinate. <i>Global Spine Journal</i> , <b>2017</b> , 7, 203S-211S	2.7	72
74	The Health Economics of the spinal cord injury or disease among veterans of war: A systematic review. <i>Journal of Spinal Cord Medicine</i> , <b>2017</b> , 40, 649-664	1.9	11
73	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury: Recommendations on the Role of Baseline Magnetic Resonance Imaging in Clinical Decision Making and Outcome Prediction. <i>Global Spine Journal</i> , <b>2017</b> , 7, 221S-230S	2.7	37
72	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> , <b>2017</b> , 7, 70S-83S	2.7	158
71	A Clinical Practice Guideline for the Management of Patients With Acute Spinal Cord Injury: Recommendations on the Type and Timing of Anticoagulant Thromboprophylaxis. <i>Global Spine Journal</i> , <b>2017</b> , 7, 212S-220S	2.7	18
70	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> , <b>2017</b> , 7, 231S-238S	2.7	25

69	Psychometric analysis and critical appraisal of the original, revised, and modified versions of the Japanese Orthopaedic Association score in the assessment of patients with cervical spondylotic myelopathy. <i>Neurosurgical Focus</i> , <b>2016</b> , 40, E6	4.2	23
68	Cost-minimization analysis comparing intravenous immunoglobulin with plasma exchange in the management of patients with myasthenia gravis. <i>Muscle and Nerve</i> , <b>2016</b> , 53, 872-6	3.4	9
67	Outcomes after acute ischemic stroke in patients with thrombocytopenia or thrombocytosis. <i>Journal of the Neurological Sciences</i> , <b>2016</b> , 362, 198-203	3.2	18
66	Early Versus Delayed Surgical Decompression of Spinal Cord after Traumatic Cervical Spinal Cord Injury: A Cost-Utility Analysis. <i>World Neurosurgery</i> , <b>2016</b> , 88, 166-174	2.1	31
65	Acute ischemic stroke and abnormal blood hemoglobin concentration. <i>Acta Neurologica Scandinavica</i> , <b>2016</b> , 134, 123-30	3.8	23
64	Surgical Management of the Elderly With Traumatic Cervical Spinal Cord Injury: A Cost-Utility Analysis. <i>Neurosurgery</i> , <b>2016</b> , 79, 418-25	3.2	13
63	Clinical Reasoning: Stepwise paralysis in a patient with adenocarcinoma of lung. <i>Neurology</i> , <b>2016</b> , 86, e122-7	6.5	2
62	White blood cell count is an independent predictor of outcomes after acute ischaemic stroke. <i>European Journal of Neurology</i> , <b>2014</b> , 21, 215-22	6	43
61	Sudden-onset anisocoria in a patient with upper respiratory tract infection. <i>Cmaj</i> , <b>2014</b> , 186, 57-61	3.5	5
60	Clomipramine in the treatment of compulsive behavior in frontotemporal dementia: a case series. <i>Alzheimer Disease and Associated Disorders</i> , <b>2014</b> , 28, 95-8	2.5	14
59	Mystery case: tancytic ependymoma of the conus medullaris: a rare cause of low back pain. <i>Neurology</i> , <b>2014</b> , 82, e212-3	6.5	3
58	Individual characteristics and management decisions affect outcome of anticoagulated patients with intracranial hemorrhage. <i>World Neurosurgery</i> , <b>2014</b> , 81, 742-51	2.1	3
57	Blood alcohol concentration as a determinant of outcomes after traumatic spinal cord injury. <i>European Journal of Neurology</i> , <b>2013</b> , 20, 1101-6	6	6
56	The influence of age on functional recovery of adults with spinal cord injury or disease after inpatient rehabilitative care: a pilot study. <i>Aging Clinical and Experimental Research</i> , <b>2013</b> , 25, 463-71	4.8	17
55	Process benchmarking appraisal of surgical decompression of spinal cord following traumatic cervical spinal cord injury: opportunities to reduce delays in surgical management. <i>Journal of Neurotrauma</i> , <b>2013</b> , 30, 487-91	5.4	38
54	Paraspinal desmoid-type fibromatosis as a cause of low back pain. <i>Spine Journal</i> , <b>2013</b> , 13, 1958-9	4	3
53	Preoperative magnetic resonance imaging is associated with baseline neurological status and can predict postoperative recovery in patients with cervical spondylotic myelopathy. <i>Spine</i> , <b>2013</b> , 38, 1170-6	3.3	41
52	Autonomic dysreflexia: a clinical emergency. <i>Journal of Trauma and Acute Care Surgery</i> , <b>2013</b> , 75, 496-500	3	22

51	Global incidence and prevalence of traumatic spinal cord injury. <i>Canadian Journal of Neurological Sciences</i> , <b>2013</b> , 40, 456-64	1	146
50	Use of a modified Comprehensive Pain Evaluation Questionnaire (CPEQ): characteristics and functional status of patients on entry to a tertiary care pain clinic. <i>Pain Research and Management</i> , <b>2012</b> , 17, 75-82	2.6	2
49	Spinal haemorrhage during anticoagulant regimen for thromboprophylaxis: a unique form of central nervous system haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2012</b> , 83, 746-52	5.5	4
48	The combined use of surgery and radiotherapy to treat patients with epidural cord compression due to metastatic disease: a cost-utility analysis. <i>Neuro-Oncology</i> , <b>2012</b> , 14, 631-40	1	30
47	Functional electrical stimulation therapy of voluntary grasping versus only conventional rehabilitation for patients with subacute incomplete tetraplegia: a randomized clinical trial. <i>Neurorehabilitation and Neural Repair</i> , <b>2011</b> , 25, 433-42	4.7	114
46	Postoperative magnetic resonance imaging can predict neurological recovery after surgery for cervical spondylotic myelopathy: a prospective study with blinded assessments. <i>Neurosurgery</i> , <b>2011</b> , 69, 362-8	3.2	38
45	A novel approach to quantitatively assess posttraumatic cervical spinal canal compromise and spinal cord compression: a multicenter responsiveness study. <i>Spine</i> , <b>2011</b> , 36, 784-93	3.3	23
44	Functional electrical stimulation therapy for grasping in traumatic incomplete spinal cord injury: randomized control trial. <i>Artificial Organs</i> , <b>2011</b> , 35, 212-6	2.6	57
43	Survey of neurosurgical management of central nervous system hemorrhage in patients receiving anticoagulation therapy: current practice is highly variable and may be suboptimal. <i>World Neurosurgery</i> , <b>2011</b> , 76, 299-303	2.1	17
42	Assessment of disability in patients with acute traumatic spinal cord injury: a systematic review of the literature. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 1413-30	5.4	62
41	Timing of decompressive surgery of spinal cord after traumatic spinal cord injury: an evidence-based examination of pre-clinical and clinical studies. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 1371-99	5.4	221
40	Functional and clinical outcomes following surgical treatment in patients with cervical spondylotic myelopathy: a prospective study of 81 cases. <i>Journal of Neurosurgery: Spine</i> , <b>2011</b> , 14, 348-55	2.8	94
39	Methodology of systematic reviews and recommendations. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 1335-9	5.4	14
38	Assessment of impairment in patients with acute traumatic spinal cord injury: a systematic review of the literature. <i>Journal of Neurotrauma</i> , <b>2011</b> , 28, 1445-77	5.4	70
37	The National Trauma Registry as a Canadian spine trauma database: a validation study using an institutional clinical database. <i>Neuroepidemiology</i> , <b>2011</b> , 37, 96-101	5.4	12
36	Headache attributed to autonomic dysreflexia: an underrecognized clinical entity. <i>Neurology</i> , <b>2011</b> , 77, 792-8	6.5	21
35	Is age a key determinant of mortality and neurological outcome after acute traumatic spinal cord injury?. <i>Neurobiology of Aging</i> , <b>2010</b> , 31, 434-46	5.6	51
34	The impact of co-morbidities on age-related differences in mortality after acute traumatic spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2009</b> , 26, 1361-7	5.4	43

33	Attitudes toward the elderly with CNS trauma: a cross-sectional study of neuroscientists, clinicians, and allied-health professionals. <i>Journal of Neurotrauma</i> , <b>2009</b> , 26, 209-25	5.4	14
32	The impact of age on mortality, impairment, and disability among adults with acute traumatic spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2009</b> , 26, 1707-17	5.4	96
31	Anatomic landmarks for localization of the spinal accessory nerve. <i>Clinical Anatomy</i> , <b>2009</b> , 22, 471-5	2.5	24
30	Attitudes towards the older patients with spinal cord injury among registered nurses: a cross-sectional observational study. <i>Spinal Cord</i> , <b>2009</b> , 47, 674-80	2.7	16
29	Hyponatremia in the acute stage after traumatic cervical spinal cord injury: clinical and neuroanatomic evidence for autonomic dysfunction. <i>Spine</i> , <b>2009</b> , 34, 501-11	3.3	26
28	Epidemiology and clinical outcomes of acute spine trauma and spinal cord injury: experience from a specialized spine trauma center in Canada in comparison with a large national registry. <i>Journal of Trauma</i> , <b>2009</b> , 67, 936-43		66
27	Motor and sensory assessment of patients in clinical trials for pharmacological therapy of acute spinal cord injury: psychometric properties of the ASIA Standards. <i>Journal of Neurotrauma</i> , <b>2008</b> , 25, 1273-301	5.4	75
26	Cardiovascular complications after acute spinal cord injury: pathophysiology, diagnosis, and management. <i>Neurosurgical Focus</i> , <b>2008</b> , 25, E13	4.2	169
25	Significance of Tumor Capsular Invasion in Well-Differentiated Thyroid Carcinomas. <i>American Surgeon</i> , <b>2007</b> , 73, 484-491	0.8	16
24	Acute cervical traumatic spinal cord injury: MR imaging findings correlated with neurologic outcome--prospective study with 100 consecutive patients. <i>Radiology</i> , <b>2007</b> , 243, 820-7	20.5	283
23	Effect of age on spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , <b>2007</b> , 7, 275-6; discussion 276	2.8	7
22	Use of osteogenic protein-1 in patients at high risk for spinal pseudarthrosis: a prospective cohort study assessing safety, health-related quality of life, and radiographic fusion. Invited submission from the Joint Section on Disorders of the Spine and Peripheral Nerves, March 2007. <i>Journal of Neurosurgery: Spine</i> , <b>2007</b> , 7, 106-27	2.8	25
21	A quantitative and reproducible method to assess cord compression and canal stenosis after cervical spine trauma: a study of interrater and intrarater reliability. <i>Spine</i> , <b>2007</b> , 32, 2083-91	3.3	45
20	Role of screening tests for deep venous thrombosis in asymptomatic adults with acute spinal cord injury: an evidence-based analysis. <i>Spine</i> , <b>2007</b> , 32, 1908-16	3.3	52
19	Significance of tumor capsular invasion in well-differentiated thyroid carcinomas. <i>American Surgeon</i> , <b>2007</b> , 73, 484-91	0.8	14
18	A Web-based systematic review on traumatic spinal cord injury comparing the "citation classics" with the consumers' perspectives. <i>Journal of Neurotrauma</i> , <b>2006</b> , 23, 156-69	5.4	28
17	Hematologic abnormalities within the first week after acute isolated traumatic cervical spinal cord injury: a case-control cohort study. <i>Spine</i> , <b>2006</b> , 31, 2674-83	3.3	34
16	Interobserver and intraobserver reliability of maximum canal compromise and spinal cord compression for evaluation of acute traumatic cervical spinal cord injury. <i>Spine</i> , <b>2006</b> , 31, 1719-25	3.3	61

15	The effects of gender on clinical and neurological outcomes after acute cervical spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2005</b> , 22, 368-81	5-4	52
14	Single versus sequential fine-needle aspiration biopsy in the management of thyroid nodular disease. <i>Canadian Journal of Surgery</i> , <b>2005</b> , 48, 12-8	2	14
13	Clinicopathologic significance of histologic vascular invasion in papillary and follicular thyroid carcinomas. <i>Journal of the American College of Surgeons</i> , <b>2004</b> , 198, 341-8	4-4	52
12	Prognostic relevance of previous exposure to ionizing radiation in well-differentiated thyroid cancer. <i>Langenbeck's Archives of Surgery</i> , <b>2004</b> , 389, 198-203	3-4	17
11	Role of fine-needle aspiration biopsy and frozen section in the management of papillary thyroid carcinoma subtypes. <i>World Journal of Surgery</i> , <b>2004</b> , 28, 880-5	3-3	17
10	Autonomic dysreflexia in acute spinal cord injury: an under-recognized clinical entity. <i>Journal of Neurotrauma</i> , <b>2003</b> , 20, 707-16	5-4	162
9	Surgical anatomy of the extralaryngeal aspect of the superior laryngeal nerve. <i>JAMA Otolaryngology</i> , <b>2003</b> , 129, 79-82		18
8	Autonomic dysreflexia associated with intramedullary astrocytoma of the spinal cord. <i>Lancet Oncology</i> , <b>2003</b> , 4, 574-5	21-7	22
7	Descending vasomotor pathways in humans: correlation between axonal preservation and cardiovascular dysfunction after spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2003</b> , 20, 1351-63	5-4	121
6	Medical co-morbidities, secondary complications, and mortality in elderly with acute spinal cord injury. <i>Journal of Neurotrauma</i> , <b>2003</b> , 20, 391-9	5-4	84
5	Sympathetic fiber origin of the superior laryngeal nerve and its branches: an anatomic study. <i>Clinical Anatomy</i> , <b>2002</b> , 15, 271-5	2-5	12
4	Prevalence of Galen's anastomosis: an anatomical and comparative study. <i>Journal of Laryngology and Otology</i> , <b>2002</b> , 116, 823-5	1-8	5
3	Biologic basis for the treatment of microscopic, occult well-differentiated thyroid cancer. <i>Surgery</i> , <b>2001</b> , 130, 1050-4	3-6	24
2	Global epidemiology of traumatic spinal cord injury 216-228		6
1	Development of a core measurement set for research in degenerative cervical myelopathy: a study protocol (AO Spine RECODE-DCM CMS)		1