

Julio C Furlan

List of Publications by Citations

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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	Acute cervical traumatic spinal cord injury: MR imaging findings correlated with neurologic outcome--prospective study with 100 consecutive patients. <i>Radiology</i> , 2007 , 243, 820-7	20.5	283
103	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> , 2011 , 28, 1371-99	5.4	221
102	Cardiovascular complications after acute spinal cord injury: pathophysiology, diagnosis, and management. <i>Neurosurgical Focus</i> , 2008 , 25, E13	4.2	169
101	Autonomic dysreflexia in acute spinal cord injury: an under-recognized clinical entity. <i>Journal of Neurotrauma</i> , 2003 , 20, 707-16	5.4	162
100	A Clinical Practice Guideline for the Management of Patients With Degenerative Cervical Myelopathy: Recommendations for Patients With Mild, Moderate, and Severe Disease and Nonmyelopathic Patients With Evidence of Cord Compression. <i>Global Spine Journal</i> , 2017 , 7, 70S-83S	2.7	158
99	Global incidence and prevalence of traumatic spinal cord injury. <i>Canadian Journal of Neurological Sciences</i> , 2013 , 40, 456-64	1	146
98	Descending vasomotor pathways in humans: correlation between axonal preservation and cardiovascular dysfunction after spinal cord injury. <i>Journal of Neurotrauma</i> , 2003 , 20, 1351-63	5.4	121
97	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> , 2011 , 25, 433-42	4.7	114
96	The impact of age on mortality, impairment, and disability among adults with acute traumatic spinal cord injury. <i>Journal of Neurotrauma</i> , 2009 , 26, 1707-17	5.4	96
95	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> , 2011 , 14, 348-55	2.8	94
94	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> , 2017 , 7, 195S-202S	2.7	90
93	Medical co-morbidities, secondary complications, and mortality in elderly with acute spinal cord injury. <i>Journal of Neurotrauma</i> , 2003 , 20, 391-9	5.4	84
92	Degenerative cervical myelopathy - update and future directions. <i>Nature Reviews Neurology</i> , 2020 , 16, 108-124	15	82
91	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> , 2008 , 25, 1273-301	5.4	75
90	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> , 2017 , 7, 203S-211S	2.7	72
89	Assessment of impairment in patients with acute traumatic spinal cord injury: a systematic review of the literature. <i>Journal of Neurotrauma</i> , 2011 , 28, 1445-77	5.4	70
88	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> , 2009 , 67, 936-43		66

87	Assessment of disability in patients with acute traumatic spinal cord injury: a systematic review of the literature. <i>Journal of Neurotrauma</i> , 2011 , 28, 1413-30	5.4	62
86	Interobserver and intraobserver reliability of maximum canal compromise and spinal cord compression for evaluation of acute traumatic cervical spinal cord injury. <i>Spine</i> , 2006 , 31, 1719-25	3.3	61
85	Functional electrical stimulation therapy for grasping in traumatic incomplete spinal cord injury: randomized control trial. <i>Artificial Organs</i> , 2011 , 35, 212-6	2.6	57
84	Role of screening tests for deep venous thrombosis in asymptomatic adults with acute spinal cord injury: an evidence-based analysis. <i>Spine</i> , 2007 , 32, 1908-16	3.3	52
83	The effects of gender on clinical and neurological outcomes after acute cervical spinal cord injury. <i>Journal of Neurotrauma</i> , 2005 , 22, 368-81	5.4	52
82	Clinicopathologic significance of histologic vascular invasion in papillary and follicular thyroid carcinomas. <i>Journal of the American College of Surgeons</i> , 2004 , 198, 341-8	4.4	52
81	Is age a key determinant of mortality and neurological outcome after acute traumatic spinal cord injury?. <i>Neurobiology of Aging</i> , 2010 , 31, 434-46	5.6	51
80	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> , 2007 , 32, 2083-91	3.3	45
79	White blood cell count is an independent predictor of outcomes after acute ischaemic stroke. <i>European Journal of Neurology</i> , 2014 , 21, 215-22	6	43
78	The impact of co-morbidities on age-related differences in mortality after acute traumatic spinal cord injury. <i>Journal of Neurotrauma</i> , 2009 , 26, 1361-7	5.4	43
77	Preoperative magnetic resonance imaging is associated with baseline neurological status and can predict postoperative recovery in patients with cervical spondylotic myelopathy. <i>Spine</i> , 2013 , 38, 1170-6	3.3	41
76	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> , 2013 , 30, 487-91	5.4	38
75	Postoperative magnetic resonance imaging can predict neurological recovery after surgery for cervical spondylotic myelopathy: a prospective study with blinded assessments. <i>Neurosurgery</i> , 2011 , 69, 362-8	3.2	38
74	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> , 2017 , 7, 221S-230S	2.7	37
73	Hematologic abnormalities within the first week after acute isolated traumatic cervical spinal cord injury: a case-control cohort study. <i>Spine</i> , 2006 , 31, 2674-83	3.3	34
72	Early Versus Delayed Surgical Decompression of Spinal Cord after Traumatic Cervical Spinal Cord Injury: A Cost-Utility Analysis. <i>World Neurosurgery</i> , 2016 , 88, 166-174	2.1	31
71	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> , 2012 , 14, 631-40	1	30
70	A Web-based systematic review on traumatic spinal cord injury comparing the "citation classics" with the consumers' perspectives. <i>Journal of Neurotrauma</i> , 2006 , 23, 156-69	5.4	28

69	Hyponatremia in the acute stage after traumatic cervical spinal cord injury: clinical and neuroanatomic evidence for autonomic dysfunction. <i>Spine</i> , 2009 , 34, 501-11	3.3	26
68	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	2.7	25
67	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> , 2007 , 7, 486-95	2.8	25
66	Anatomic landmarks for localization of the spinal accessory nerve. <i>Clinical Anatomy</i> , 2009 , 22, 471-5	2.5	24
65	Biologic basis for the treatment of microscopic, occult well-differentiated thyroid cancer. <i>Surgery</i> , 2001 , 130, 1050-4	3.6	24
64	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> , 2016 , 40, E6	4.2	23
63	A novel approach to quantitatively assess posttraumatic cervical spinal canal compromise and spinal cord compression: a multicenter responsiveness study. <i>Spine</i> , 2011 , 36, 784-93	3.3	23
62	Acute ischemic stroke and abnormal blood hemoglobin concentration. <i>Acta Neurologica Scandinavica</i> , 2016 , 134, 123-30	3.8	23
61	Autonomic dysreflexia: a clinical emergency. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 75, 496-500	3.3	22
60	Autonomic dysreflexia associated with intramedullary astrocytoma of the spinal cord. <i>Lancet Oncology</i> , 2003 , 4, 574-5	21.7	22
59	Headache attributed to autonomic dysreflexia: an underrecognized clinical entity. <i>Neurology</i> , 2011 , 77, 792-8	6.5	21
58	Outcomes after acute ischemic stroke in patients with thrombocytopenia or thrombocytosis. <i>Journal of the Neurological Sciences</i> , 2016 , 362, 198-203	3.2	18
57	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> , 2017 , 7, 212S-220S	2.7	18
56	Surgical anatomy of the extralaryngeal aspect of the superior laryngeal nerve. <i>JAMA Otolaryngology</i> , 2003 , 129, 79-82		18
55	Application of electrophysiological measures in spinal cord injury clinical trials: a narrative review. <i>Spinal Cord</i> , 2019 , 57, 909-923	2.7	17
54	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> , 2013 , 25, 463-71	4.8	17
53	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> , 2011 , 76, 299-303	2.1	17
52	Prognostic relevance of previous exposure to ionizing radiation in well-differentiated thyroid cancer. <i>Langenbeck's Archives of Surgery</i> , 2004 , 389, 198-203	3.4	17

51	Role of fine-needle aspiration biopsy and frozen section in the management of papillary thyroid carcinoma subtypes. <i>World Journal of Surgery</i> , 2004 , 28, 880-5	3.3	17
50	Attitudes towards the older patients with spinal cord injury among registered nurses: a cross-sectional observational study. <i>Spinal Cord</i> , 2009 , 47, 674-80	2.7	16
49	Significance of Tumor Capsular Invasion in Well-Differentiated Thyroid Carcinomas. <i>American Surgeon</i> , 2007 , 73, 484-491	0.8	16
48	Clomipramine in the treatment of compulsive behavior in frontotemporal dementia: a case series. <i>Alzheimer Disease and Associated Disorders</i> , 2014 , 28, 95-8	2.5	14
47	Attitudes toward the elderly with CNS trauma: a cross-sectional study of neuroscientists, clinicians, and allied-health professionals. <i>Journal of Neurotrauma</i> , 2009 , 26, 209-25	5.4	14
46	Methodology of systematic reviews and recommendations. <i>Journal of Neurotrauma</i> , 2011 , 28, 1335-9	5.4	14
45	Single versus sequential fine-needle aspiration biopsy in the management of thyroid nodular disease. <i>Canadian Journal of Surgery</i> , 2005 , 48, 12-8	2	14
44	Significance of tumor capsular invasion in well-differentiated thyroid carcinomas. <i>American Surgeon</i> , 2007 , 73, 484-91	0.8	14
43	Surgical Management of the Elderly With Traumatic Cervical Spinal Cord Injury: A Cost-Utility Analysis. <i>Neurosurgery</i> , 2016 , 79, 418-25	3.2	13
42	The National Trauma Registry as a Canadian spine trauma database: a validation study using an institutional clinical database. <i>Neuroepidemiology</i> , 2011 , 37, 96-101	5.4	12
41	Sympathetic fiber origin of the superior laryngeal nerve and its branches: an anatomic study. <i>Clinical Anatomy</i> , 2002 , 15, 271-5	2.5	12
40	The Health Economics of the spinal cord injury or disease among veterans of war: A systematic review. <i>Journal of Spinal Cord Medicine</i> , 2017 , 40, 649-664	1.9	11
39	Autonomic dysreflexia following acute myelitis due to neuromyelitis optica. <i>Multiple Sclerosis and Related Disorders</i> , 2018 , 23, 1-3	4	10
38	A scoping review on health economics in neurosurgery for acute spine trauma. <i>Neurosurgical Focus</i> , 2018 , 44, E15	4.2	9
37	Cost-minimization analysis comparing intravenous immunoglobulin with plasma exchange in the management of patients with myasthenia gravis. <i>Muscle and Nerve</i> , 2016 , 53, 872-6	3.4	9
36	Epidemiology of War-Related Spinal Cord Injury Among Combatants: A Systematic Review. <i>Global Spine Journal</i> , 2019 , 9, 545-558	2.7	8
35	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> , 2019 , 42, 10-20	1.9	7
34	Effect of age on spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2007 , 7, 275-6; discussion 276	2.8	7

33	Blood alcohol concentration as a determinant of outcomes after traumatic spinal cord injury. <i>European Journal of Neurology</i> , 2013 , 20, 1101-6	6	6
32	Global epidemiology of traumatic spinal cord injury 216-228		6
31	Sudden-onset anisocoria in a patient with upper respiratory tract infection. <i>Cmaj</i> , 2014 , 186, 57-61	3.5	5
30	Prevalence of Galen® anastomosis: an anatomical and comparative study. <i>Journal of Laryngology and Otology</i> , 2002 , 116, 823-5	1.8	5
29	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> , 2019 , 42, 233-241	1.9	4
28	Spinal haemorrhage during anticoagulant regimen for thromboprophylaxis: a unique form of central nervous system haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 746-52	5.5	4
27	Properties of the surface electromyogram following traumatic spinal cord injury: a scoping review. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021 , 18, 105	5.3	4
26	Paraspinal desmoid-type fibromatosis as a cause of low back pain. <i>Spine Journal</i> , 2013 , 13, 1958-9	4	3
25	Mystery case: tancytic ependymoma of the conus medullaris: a rare cause of low back pain. <i>Neurology</i> , 2014 , 82, e212-3	6.5	3
24	Individual characteristics and management decisions affect outcome of anticoagulated patients with intracranial hemorrhage. <i>World Neurosurgery</i> , 2014 , 81, 742-51	2.1	3
23	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	5.7	3
22	A Scoping Review of Registered Clinical Studies on Mild Traumatic Brain Injury and Concussion (2000 to 2019). <i>Neurosurgery</i> , 2020 , 87, 891-899	3.2	3
21	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> , 2021 , 102, 1595-1605	2.8	3
20	Development of Cardiometabolic Health indicators to advance the quality of spinal cord injury rehabilitation: SCI-High Project. <i>Journal of Spinal Cord Medicine</i> , 2019 , 42, 166-175	1.9	2
19	Economic Impact of Aging on the Initial Spine Care of Patients With Acute Spine Trauma: From Bedside to Teller. <i>Neurosurgery</i> , 2019 , 84, 1251-1260	3.2	2
18	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> , 2012 , 17, 75-82	2.6	2
17	Clinical Reasoning: Stepwise paralysis in a patient with adenocarcinoma of lung. <i>Neurology</i> , 2016 , 86, e122-7	6.5	2
16	Factors Associated with Recovery in Motor Strength, Walking Ability, and Bowel and Bladder Function after Traumatic Cauda Equina Injury. <i>Journal of Neurotrauma</i> , 2021 , 38, 322-329	5.4	2

15	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	3	1
14	Development of a core measurement set for research in degenerative cervical myelopathy: a study protocol (AO Spine RECODE-DCM CMS)		1
13	Hypothesis Testing in Superiority, Noninferiority, and Equivalence Clinical Trials: Implications in Physical Medicine and Rehabilitation. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019 , 98, 226-230	2.6	1
12	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> , 2020 , 36, 844-854	1.5	1
11	Traumatic spinal cord injury in military personnel versus civilians: a propensity score-matched cohort study. <i>BMJ Military Health</i> , 2020 , 166, e57-e62	1	1
10	Improving Awareness Could Transform Outcomes in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 1].. <i>Global Spine Journal</i> , 2022 , 12, 28S-38S	2.7	1
9	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> , 2018 , 97, e78-e80	2.6	0
8	Effects on Outcomes of Hyperglycemia in the Hyperacute Stage after Acute Traumatic Spinal Cord Injury. <i>Neurotrauma Reports</i> , 2021 , 2, 14-24	1.6	0
7	Establishing the Socio-Economic Impact of Degenerative Cervical Myelopathy Is Fundamental to Improving Outcomes [AO Spine RECODE-DCM Research Priority Number 8].. <i>Global Spine Journal</i> , 2022 , 12, 122S-129S	2.7	0
6	Developing Peri-Operative Rehabilitation in Degenerative Cervical Myelopathy [AO Spine RECODE-DCM Research Priority Number 6]: An Unexplored Opportunity?. <i>Global Spine Journal</i> , 2022 , 12, 97S-108S	2.7	0
5	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> , 2021 , 100, 57-64	2.6	
4	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> , 2022 , 101, 184-190	2.6	
3	In Reply: A Scoping Review of Registered Clinical Studies on Mild Traumatic Brain Injury and Concussion (2000-2019). <i>Neurosurgery</i> , 2021 , 89, E180-E181	3.2	
2	Economic impact of traumatic spinal cord injury 2022 , 371-384		
1	SCI management 2022 , 349-369		