

Christopher Bailey

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,793
citations

186265
28
h-index

189892
50
g-index

81
all docs

81
docs citations

81
times ranked

2796
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcome of Plate Fixation of Olecranon Fractures. <i>Journal of Orthopaedic Trauma</i> , 2001, 15, 542-548.	1.4	182
2	The Influence of Time from Injury to Surgery on Motor Recovery and Length of Hospital Stay in Acute Traumatic Spinal Cord Injury: An Observational Canadian Cohort Study. <i>Journal of Neurotrauma</i> , 2015, 32, 645-654.	3.4	167
3	POSTERIOR ANKLE ARTHROSCOPY. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002, 84, 763-769.	3.0	133
4	Comparison of operative and nonoperative treatment for thoracolumbar burst fractures in patients without neurological deficit: a systematic review. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 351-358.	1.7	131
5	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.	3.4	124
6	Spinal cord perfusion pressure predicts neurologic recovery in acute spinal cord injury. <i>Neurology</i> , 2017, 89, 1660-1667.	1.1	121
7	Surgery versus Conservative Care for Persistent Sciatica Lasting 4 to 12 Months. <i>New England Journal of Medicine</i> , 2020, 382, 1093-1102.	27.0	113
8	Orthosis versus no orthosis for the treatment of thoracolumbar burst fractures without neurologic injury: a multicenter prospective randomized equivalence trial. <i>Spine Journal</i> , 2014, 14, 2557-2564.	1.3	97
9	Interbody Device Shape and Size Are Important to Strengthen the Vertebrae-Implant Interface. <i>Spine</i> , 2005, 30, 638-644.	2.0	80
10	En bloc marginal excision of a multilevel cervical chordoma. <i>Journal of Neurosurgery: Spine</i> , 2006, 4, 409-414.	1.7	80
11	Minimizing Errors in Acute Traumatic Spinal Cord Injury Trials by Acknowledging the Heterogeneity of Spinal Cord Anatomy and Injury Severity: An Observational Canadian Cohort Analysis. <i>Journal of Neurotrauma</i> , 2014, 31, 1540-1547.	3.4	69
12	Increased oxidative activity in human blood neutrophils and monocytes after spinal cord injury. <i>Experimental Neurology</i> , 2009, 215, 308-316.	4.1	66
13	Comparison of thoracolumbosacral orthosis and no orthosis for the treatment of thoracolumbar burst fractures: interim analysis of a multicenter randomized clinical equivalence trial. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 295-303.	1.7	65
14	Accuracy and safety of pedicle screw fixation in thoracic spine trauma. <i>Journal of Neurosurgery: Spine</i> , 2006, 5, 520-526.	1.7	59
15	Predicting the need for tracheostomy in patients with cervical spinal cord injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 73, 880-884.	2.1	59
16	Industry and evidence-based medicine: Believable or conflicted? A systematic review of the surgical literature. <i>Canadian Journal of Surgery</i> , 2011, 54, 321-326.	1.2	58
17	Influence of postoperative sagittal balance and spinopelvic parameters on the outcome of patients surgically treated for degenerative lumbar spondylolisthesis. <i>Journal of Neurosurgery: Spine</i> , 2017, 26, 448-453.	1.7	57
18	A Multicenter Randomized Control Trial Comparing a Novel Intramedullary Device (InterTAN) Versus Conventional Treatment (Sliding Hip Screw) of Geriatric Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2017, 31, 1-8.	1.4	55

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19	Effect of older age on treatment decisions and outcomes among patients with traumatic spinal cord injury. <i>Cmaj</i> , 2015, 187, 873-880.	2.0	51
20	MicroRNA Biomarkers in Cerebrospinal Fluid and Serum Reflect Injury Severity in Human Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2358-2371.	3.4	46
21	Parallel Metabolomic Profiling of Cerebrospinal Fluid and Serum for Identifying Biomarkers of Injury Severity after Acute Human Spinal Cord Injury. <i>Scientific Reports</i> , 2016, 6, 38718.	3.3	38
22	The reliability of differentiating neurogenic claudication from vascular claudication based on symptomatic presentation. <i>Canadian Journal of Surgery</i> , 2013, 56, 372-377.	1.2	36
23	Cement Augmentation of Vertebral Screws Enhances the Interface Strength Between Interbody Device and Vertebral Body. <i>Spine</i> , 2007, 32, 334-341.	2.0	34
24	Spinal cord injuries related to cervical spine fractures in elderly patients: factors affecting mortality. <i>Spine Journal</i> , 2013, 13, 862-866.	1.3	33
25	Type II Error in the Spine Surgical Literature. <i>Spine</i> , 2004, 29, 1146-1149.	2.0	32
26	A Biomechanical Assessment of Soft-Tissue Damage in the Cervical Spine Following a Unilateral Facet Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e156.	3.0	32
27	Radiographic assessment of degenerative lumbar spinal stenosis: is MRI superior to CT?. <i>European Spine Journal</i> , 2017, 26, 362-367.	2.2	31
28	Empirical targets for acute hemodynamic management of individuals with spinal cord injury. <i>Neurology</i> , 2019, 93, e1205-e1211.	1.1	31
29	Surgeon-industry conflict of interest: survey of North Americans' opinions regarding surgeons consulting with industry. <i>Spine Journal</i> , 2014, 14, 584-591.	1.3	30
30	A Targeted Proteomics Analysis of Cerebrospinal Fluid after Acute Human Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2054-2068.	3.4	30
31	Predictors of Blood Transfusion in Posterior Lumbar Spinal Fusion. <i>Spine</i> , 2018, 43, E35-E39.	2.0	30
32	An analysis of ideal and actual time to surgery after traumatic spinal cord injury in Canada. <i>Spinal Cord</i> , 2017, 55, 618-623.	1.9	29
33	Remote inflammatory response in liver is dependent on the segmental level of spinal cord injury. <i>Journal of Trauma</i> , 2012, 72, 1194-1201.	2.3	27
34	The importance of the posterior osteoligamentous complex to subaxial cervical spine stability in relation to a unilateral facet injury. <i>Spine Journal</i> , 2012, 12, 590-595.	1.3	27
35	Effect of preoperative symptom duration on outcome in lumbar spinal stenosis: a Canadian Spine Outcomes and Research Network registry study. <i>Spine Journal</i> , 2019, 19, 1470-1477.	1.3	27
36	Use of incisional vacuum-assisted closure in the prevention of postoperative infection in high-risk patients who underwent spine surgery: a proof-of-concept study. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 430-439.	1.7	26

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37	Comparative Assessment of Sacral Screw Loosening Augmented with PMMA Versus a Calcium Triglyceride Bone Cement. <i>Spine</i> , 2011, 36, E699-E704.	2.0	25
38	Clinical outcomes research in spine surgery: what are appropriate follow-up times?. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 397-404.	1.7	25
39	Physician-industry conflict of interest: public opinion regarding industry-sponsored research. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 1-10.	1.7	24
40	Decompression alone vs. decompression plus fusion for claudication secondary to lumbar spinal stenosis. <i>Spine Journal</i> , 2019, 19, 1633-1639.	1.3	24
41	Treatment of thoracolumbar burst fractures: extended follow-up of a randomized clinical trial comparing orthosis versus no orthosis. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 42-47.	1.7	22
42	Comparing the Fixation of a Novel Hollow Screw Versus a Conventional Solid Screw in Human Sacra Under Cyclic Loading. <i>Spine</i> , 2008, 33, 1870-1875.	2.0	21
43	Traumatic Spinal Cord Injury Care in Canada: A Survey of Canadian Centers. <i>Journal of Neurotrauma</i> , 2017, 34, 2848-2855.	3.4	19
44	The Effect of Soft-Tissue Restraints After Type II Odontoid Fractures in the Elderly. <i>Spine</i> , 2012, 37, 1030-1035.	2.0	18
45	Patterns of C-2 fracture in the elderly: comparison of etiology, treatment, and mortality among specific fracture types. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 494-500.	1.7	18
46	Assessment of hepatic inflammation after spinal cord injury using intravital microscopy. <i>Injury</i> , 2011, 42, 691-696.	1.7	16
47	The impact of spine stability on cervical spinal cord injury with respect to demographics, management, and outcome: a prospective cohort from a national spinal cord injury registry. <i>Spine Journal</i> , 2018, 18, 88-98.	1.3	16
48	Human Spinal Cord Injury Causes Specific Increases in Surface Expression of Beta Integrins on Leukocytes. <i>Journal of Neurotrauma</i> , 2011, 28, 269-280.	3.4	15
49	Obesity and spinal epidural lipomatosis in cauda equina syndrome. <i>Spine Journal</i> , 2018, 18, 407-413.	1.3	15
50	The Effect of Prolonged Postoperative Antibiotic Administration on the Rate of Infection in Patients Undergoing Posterior Spinal Surgery Requiring a Closed-Suction Drain. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 1732-1740.	3.0	15
51	Treatment of Mild Cervical Myelopathy. <i>Spine</i> , 2019, 44, 1606-1612.	2.0	14
52	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100096.	3.8	14
53	The Strength Profile of the Thoracolumbar Endplate Reflects the Sagittal Contours of the Spine. <i>Spine</i> , 2011, 36, 124-128.	2.0	13
54	Predicting Recruitment Feasibility for Acute Spinal Cord Injury Clinical Trials in Canada Using National Registry Data. <i>Journal of Neurotrauma</i> , 2017, 34, 599-606.	3.4	13

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55	Characterization of Cerebrospinal Fluid Ubiquitin C-Terminal Hydrolase L1 as a Biomarker of Human Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2021, 38, 2055-2064.	3.4	13
56	Systemic inflammatory response syndrome in patients with spinal cord injury: does its presence at admission affect patient outcomes?. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 296-302.	1.7	12
57	Posterolateral Versus Posterior Interbody Fusion in Lumbar Degenerative Spondylolisthesis. <i>Clinical Spine Surgery</i> , 2018, 31, E446-E452.	1.3	12
58	Does the wait for lumbar degenerative spinal stenosis surgery have a detrimental effect on patient outcomes? A prospective observational study. <i>CMAJ Open</i> , 2016, 4, E185-E193.	2.4	11
59	A rare case of atlantooccipital dissociation in the context of occipitalization of the atlas, with a 2-year follow-up. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 189-193.	1.7	10
60	Development of a Competence-Based Spine Surgery Fellowship Curriculum Set of Learning Objectives in Canada. <i>Spine</i> , 2016, 41, 530-537.	2.0	10
61	Ectopic spinal calcification associated with diffuse idiopathic skeletal hyperostosis (DISH): A quantitative micro-CT analysis. <i>Journal of Orthopaedic Research</i> , 2019, 37, 717-726.	2.3	10
62	An anatomic study of the interspinous space of the lumbosacral spine. <i>European Spine Journal</i> , 2012, 21, 145-148.	2.2	8
63	Quality of Life and Slip Progression in Degenerative Spondylolisthesis Treated Nonoperatively. <i>Spine</i> , 2018, 43, E574-E579.	2.0	8
64	Patient reported outcomes following surgery for degenerative spondylolisthesis: comparison of a universal and multi-tier health care system. <i>Spine Journal</i> , 2019, 19, 24-33.	1.3	8
65	The Impact of Surgical Site Infection on Patient Outcomes After Open Posterior Instrumented Thoracolumbar Surgery for Degenerative Disorders. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 2105-2114.	3.0	8
66	Influence of graft size on spinal instability with anterior cervical plate fixation following in vitro flexion-distraction injuries. <i>Spine Journal</i> , 2016, 16, 523-529.	1.3	7
67	Use of co-registered high-resolution computed tomography scans before and after screw insertion as a novel technique for bone mineral density determination along screw trajectory. <i>Bone</i> , 2009, 44, 1163-1168.	2.9	6
68	Geomapping of Traumatic Spinal Cord Injury in Canada and Factors Related to Triage Pattern. <i>Journal of Neurotrauma</i> , 2017, 34, 2856-2866.	3.4	6
69	Charcot spinal arthropathy in patients with congenital insensitivity to pain: a report of two cases and review of the literature. <i>Neurosurgical Review</i> , 2018, 41, 899-908.	2.4	6
70	Meeting the Privacy Requirements for the Development of a Multi-Centre Patient Registry in Canada: The Rick Hansen Spinal Cord Injury Registry. <i>Healthcare Policy</i> , 2013, 8, 87-99.	0.6	5
71	Using Evidence To Inform Practice and Policy To Enhance the Quality of Care for Persons with Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 2934-2940.	3.4	5
72	The Relationship Between the Duration of Acute Cauda Equina Compression and Functional Outcomes in a Rat Model. <i>Spine</i> , 2014, 39, E1123-E1131.	2.0	3

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73	Use of the alpha shape to quantify finite helical axis dispersion during simulated spine movements. <i>Journal of Biomechanics</i> , 2016, 49, 112-118.	2.1	3
74	Consultation and Surgical Wait Times in Cervical Spondylotic Myelopathy. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 430-435.	0.5	3
75	Letter to the Editor. Treatment of thoracolumbar burst fractures: extended follow-up of a randomized clinical trial comparing orthosis versus no orthosis. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 128-129.	1.7	2
76	Comparison of Clinical Outcomes Between Posterior Instrumented Fusion With and Without Interbody Fusion for Isthmic Spondylolisthesis. <i>Clinical Spine Surgery</i> , 2021, 34, E13-E18.	1.3	2
77	Comparative Assessment of Sacral Screw Loosening Augmented With PMMA Versus a Calcium Triglyceride Bone Cement. , 2010, , .		0
78	Sub-Axial Cervical Spine Instability Following Unilateral Facet Injury: A Biomechanical Analysis. , 2010, , .		0
79	Anterior Versus Posterior Fixation for an Isolated Posterior Facet Complex Injury in the Sub-Axial Cervical Spine. , 2011, , .		0
80	Accuracy of Patient-Specific Drill Guide Template for Bilateral C1-C2 Laminar Screw Placement: A Cadaveric Study. <i>World Neurosurgery</i> , 2022, 162, e225-e234.	1.3	0