

# Sean D Christie

## List of Publications by Year in descending order

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Version: 2024-02-01

97  
papers

2,209  
citations

236925

25  
h-index

265206

42  
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102  
all docs

102  
docs citations

102  
times ranked

2175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Associated With Return to Work After Surgery for Degenerative Cervical Spondylotic Myelopathy: Cohort Analysis From the Canadian Spine Outcomes and Research Network. <i>Global Spine Journal</i> , 2022, 12, 573-578.	2.3	3
2	Characterization of Hyperacute Neuropathic Pain after Spinal Cord Injury: A Prospective Study. <i>Journal of Pain</i> , 2022, 23, 89-97.	1.4	5
3	Cervical Sagittal Alignment in Patients with Cervical Spondylotic Myelopathy. <i>Spine</i> , 2022, 47, E177-E186.	2.0	14
4	A nationwide prospective multicenter study of external ventricular drainage: accuracy, safety, and related complications. <i>Journal of Neurosurgery</i> , 2022, 137, 249-257.	1.6	5
5	Fulfillment of Patient Expectations After Spine Surgery is Critical to Patient Satisfaction: A Cohort Study of Spine Surgery Patients. <i>Neurosurgery</i> , 2022, 91, 173-181.	1.1	4
6	Surgical outcomes of patients who fail to reach minimal clinically important differences: comparison of minimally invasive versus open transforaminal lumbar interbody fusion. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-8.	1.7	2
7	Predictors of home discharge after scheduled surgery for degenerative cervical myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 541-546.	1.7	1
8	Does extending a posterior cervical fusion construct into the upper thoracic spine impact patient-reported outcomes as long as 2 years after surgery in patients with degenerative cervical myelopathy?. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 547-555.	1.7	5
9	Second harmonic generation microscopy of otoconia. <i>Biomedical Optics Express</i> , 2022, 13, 3593.	2.9	10
10	The Effect of Perioperative Adverse Events on Long-Term Patient-Reported Outcomes After Lumbar Spine Surgery. <i>Neurosurgery</i> , 2021, 88, 420-427.	1.1	8
11	A Comparison of Patient and Surgeon Expectations of Spine Surgical Outcomes. <i>Global Spine Journal</i> , 2021, 11, 331-337.	2.3	9
12	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.	3.4	5
13	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100096.	3.8	14
14	Operating in a Climate Crisis: A State-of-the-Science Review of Life Cycle Assessment within Surgical and Anesthetic Care. <i>Environmental Health Perspectives</i> , 2021, 129, 76001.	6.0	67
15	National adverse event profile after lumbar spine surgery for lumbar degenerative disorders and comparison of complication rates between hospitals: a CSORN registry study. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 698-703.	1.7	4
16	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
17	Mental health improvements after elective spine surgery: a Canadian Spine Outcome Research Network (CSORN) study. <i>Spine Journal</i> , 2021, 21, 1332-1339.	1.3	12
18	Effectiveness of Surgical Decompression in Patients With Degenerative Cervical Myelopathy: Results of the Canadian Prospective Multicenter Study. <i>Neurosurgery</i> , 2021, 89, 844-851.	1.1	14

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19	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
20	Case costing in spine surgery: Can surgeons assist with accurate capture of operating room costs?. <i>Healthcare Management Forum</i> , 2021, 34, 158-162.	1.4	0
21	Modic Change and Clinical Assessment Scores in Patients Undergoing Lumbar Surgery for Disk Herniation. <i>Clinical Spine Surgery</i> , 2021, 34, E205-E210.	1.3	4
22	Systematic review of melatonin levels in individuals with complete cervical spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2020, 43, 565-578.	1.4	12
23	Patients'™ expectations of spine surgery for degenerative conditions: results from the Canadian Spine Outcomes and Research Network (CSORN). <i>Spine Journal</i> , 2020, 20, 399-408.	1.3	14
24	Modelling the backlog of COVID-19 cases for a surgical group. <i>Canadian Journal of Surgery</i> , 2020, 63, E391-E392.	1.2	5
25	Back pain in surgically treated degenerative lumbar spondylolisthesis: what can we tell our patients?. <i>Spine Journal</i> , 2020, 20, 1940-1947.	1.3	3
26	In-Hospital Mortality for the Elderly with Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 2332-2342.	3.4	31
27	The clinical utility of the Spinal Instability Neoplastic Score (SINS) system in spinal epidural metastases: a retrospective study. <i>Spinal Cord</i> , 2020, 58, 892-899.	1.9	13
28	Letter: The Risk of COVID-19 Infection During Neurosurgical Procedures: A Review of Severe Acute Respiratory Distress Syndrome Coronavirus 2 (SARS-CoV-2) Modes of Transmission and Proposed Neurosurgery-Specific Measures for Mitigation. <i>Neurosurgery</i> , 2020, 87, E178-E185.	1.1	30
29	Guideline summary review: an evidence-based clinical guideline for the diagnosis and treatment of low back pain. <i>Spine Journal</i> , 2020, 20, 998-1024.	1.3	102
30	Opioid use trends in patients undergoing elective thoracic and lumbar spine surgery. <i>Canadian Journal of Surgery</i> , 2020, 63, E306-E312.	1.2	7
31	Gender differences in the surgical management of lumbar degenerative disease: a scoping review. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 799-816.	1.7	28
32	Clinical predictors of achieving the minimal clinically important difference after surgery for cervical spondylotic myelopathy: an external validation study from the Canadian Spine Outcomes and Research Network. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 129-137.	1.7	14
33	The preliminary opinion of Canadian spine surgeons on Medical Assistance in Dying (MAID); a cross-sectional survey of Canadian Spine Society (CSS) members. <i>North American Spine Society Journal (NASSJ)</i> , 2020, 4, 100037.	0.5	1
34	Proximal Plantar Intrinsic Tendinopathy: Anatomical and Biomechanical Considerations in Plantar Heel Pain. <i>Journal of the American Podiatric Medical Association</i> , 2019, 109, 412-415.	0.3	8
35	Empirical targets for acute hemodynamic management of individuals with spinal cord injury. <i>Neurology</i> , 2019, 93, e1205-e1211.	1.1	31
36	103. Factors associated with motor, sensory, bladder and bowel function recovery after traumatic cauda equina injury (TCEI). <i>Spine Journal</i> , 2019, 19, S49-S50.	1.3	1

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37	P125. Rates and predictors of return to work after surgery for cervical spondylotic myelopathy: analysis from the Canadian Spine Outcomes and Research Network (CSORN). <i>Spine Journal</i> , 2019, 19, S215-S216.	1.3	0
38	Effect of spinal decompression on back pain in lumbar spinal stenosis: a Canadian Spine Outcomes Research Network (CSORN) study. <i>Spine Journal</i> , 2019, 19, 1001-1008.	1.3	25
39	Consultation and Surgical Wait Times in Cervical Spondylotic Myelopathy. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 430-435.	0.5	3
40	Canadian neurosurgeons's views on medical assistance in dying (MAID): a cross-sectional survey of Canadian Neurosurgical Society (CNSS) members. <i>Journal of Medical Ethics</i> , 2019, 45, 309-313.	1.8	4
41	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
42	Treatment of Mild Cervical Myelopathy. <i>Spine</i> , 2019, 44, 1606-1612.	2.0	14
43	Will cost transparency in the operating theatre cause surgeons to change their practice?. <i>Journal of Clinical Neuroscience</i> , 2019, 60, 1-6.	1.5	17
44	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
45	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
46	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
47	Occipital osteomyelitis and epidural abscess after occipital nerve block: A case report. <i>Canadian Journal of Pain</i> , 2018, 2, 57-61.	1.7	1
48	Predictors of Blood Transfusion in Posterior Lumbar Spinal Fusion. <i>Spine</i> , 2018, 43, E35-E39.	2.0	30
49	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
50	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
51	Forecasting Financial Resources for Future Traumatic Spinal Cord Injury Care Using Simulation Modeling. <i>Journal of Neurotrauma</i> , 2017, 34, 2917-2923.	3.4	15
52	Traumatic Spinal Cord Injury Care in Canada: A Survey of Canadian Centers. <i>Journal of Neurotrauma</i> , 2017, 34, 2848-2855.	3.4	19
53	Spinal cord perfusion pressure predicts neurologic recovery in acute spinal cord injury. <i>Neurology</i> , 2017, 89, 1660-1667.	1.1	121
54	Spinal Cord Injury Clinical Registries: Improving Care across the SCI Care Continuum by Identifying Knowledge Gaps. <i>Journal of Neurotrauma</i> , 2017, 34, 2924-2933.	3.4	19

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55	Protocol-Driven Decision Support within e-Referral Systems to Streamline Patient Consultation, Triage and Referrals from Primary Care to Specialist Clinics. <i>Journal of Medical Systems</i> , 2017, 41, 139.	3.6	8
56	Launch of the Canadian Neurosurgery Research Collaborative. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 204-206.	0.5	9
57	Operative Landscape at Canadian Neurosurgery Residency Programs. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 415-419.	0.5	6
58	Optimization of the mean arterial pressure and timing of surgical decompression in traumatic spinal cord injury: a retrospective study. <i>Spinal Cord</i> , 2017, 55, 1033-1038.	1.9	46
59	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
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	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
62	Synoptic operative reports for spinal cord injury patients as a tool for data quality. <i>Health Informatics Journal</i> , 2016, 22, 984-991.	2.1	9
63	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
64	Health economic aspects of vertebral augmentation procedures. <i>Osteoporosis International</i> , 2015, 26, 1239-1249.	3.1	11
65	Teaching for the Transition: the Canadian PGY-1 Neurosurgery "Rookie Camp"™. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, 25-33.	0.5	13
66	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
67	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
68	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
69	Design and implementation of synoptic operative report template using interoperable standards. <i>Studies in Health Technology and Informatics</i> , 2013, 183, 195-200.	0.3	3
70	Acute Management of Nutritional Demands after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1497-1507.	3.4	43
71	Acute Pharmacological DVT Prophylaxis after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1509-1514.	3.4	57
72	A Systematic Review of Intensive Cardiopulmonary Management after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2011, 28, 1479-1495.	3.4	92

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73	Skull Base Hemangiopericytoma: Treatment Options. Canadian Journal of Neurological Sciences, 2010, 37, 131-134.	0.5	1
74	Disorders of the Spinal Cord and Nerve Roots. , 2010, , 539-545.		0
75	MINIMALLY INVASIVE POSTEROLATERAL THORACIC CORPECTOMY. Neurosurgery, 2009, 64, 746-753.	1.1	39
76	Duration of lipid peroxidation after acute spinal cord injury in rats and the effect of methylprednisolone. Neurosurgical Focus, 2008, 25, E5.	2.3	71
77	A Novel Minimally Invasive Technique for Spinal Cord Untethering. Operative Neurosurgery, 2007, 60, ONS-70-ONS-74.	0.8	15
78	Advances and Technical Standards in Neurosurgery. Volume 31. 2006. Edited by J.D. Pickard, N. Akalan, C. Di Rocco, et al. Published by Springer Wien NewYork. 289 pages. Price C\$200.. Canadian Journal of Neurological Sciences, 2007, 34, 110-111.	0.5	0
79	Minimally Invasive Cervical Stenosis Decompression. Neurosurgery Clinics of North America, 2006, 17, 423-428.	1.7	15
80	Minimally Invasive Lumbar Discectomy and Foraminotomy. Neurosurgery Clinics of North America, 2006, 17, 459-466.	1.7	7
81	Vertebroplasty and Kyphoplasty. Neurosurgery Clinics of North America, 2006, 17, 507-518.	1.7	19
82	Cervical juxtafacet cysts: case report and literature review. Spine Journal, 2006, 6, 279-281.	1.3	28
83	Minimally Invasive Resection of Intradural-Extramedullary Spinal Neoplasms. Operative Neurosurgery, 2006, 58, ONS-52-ONS-58.	0.8	66
84	Dynamic Interspinous Process Technology. Spine, 2005, 30, S73-S78.	2.0	109
85	Fractures of the upper thoracic spine: approaches and surgical management. Clinical Neurosurgery, 2005, 52, 171-6.	0.2	3
86	Intraspinal Transplantation of hNT Neurons in the Lesioned Adult Rat Spinal Cord. Canadian Journal of Neurological Sciences, 2004, 31, 87-96.	0.5	10
87	Fourth Ventricular Neurocytoma: Case Report and Review of the Literature. Canadian Journal of Neurological Sciences, 2004, 31, 558-564.	0.5	21
88	Neural Transplantation in Spinal Cord Injury. Canadian Journal of Neurological Sciences, 2001, 28, 6-15.	0.5	7
89	A Novel Cyclopropanation. Australian Journal of Chemistry, 1996, 49, 243.	0.9	2
90	Some nitro derivatives of 1,4-benzodioxino[2,3-b]pyridine. Crystal and molecular structure of 2,7,8-trinitro-1,4-benzodioxino[2,3-b]pyridine. Journal of Heterocyclic Chemistry, 1994, 31, 717-723. <sup>2,6</sup>		2

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91	Strict self-assembly of [Fe(cyclam)] <sup>3+</sup> and [hydrogenbis(1,1-ferrocenedicarboxylate)] <sup>3-</sup> into a novel mixed-valent one-dimensional polymer containing an Fe(II)N <sub>4</sub> O <sub>2</sub> chromophore. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2563-2564.	2.0	27
92	Trimethylamine-N-oxide induced disproportionation of Re <sub>2</sub> (CO) <sub>10</sub> : Synthesis and X-ray crystal structure of [fac-Re(CO) <sub>3</sub> (ONMe <sub>3</sub> ) <sub>3</sub> ] [ReO <sub>4</sub> ]. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 591-594.	0.2	7
93	Ionic liquid mediated synthesis and x-ray crystal structure of trans-difluorotetrakis-(1-methylimidazole)iron(III) tetrafluoroborate. <i>Inorganic Chemistry</i> , 1993, 32, 5415-5417.	4.0	27
94	Interaction of alkylaluminum reagents with organotransition-metal arene complexes: net addition of alkide, haloalkide, and dichloromethide to [(arene) <sub>2</sub> Fe] <sup>2+</sup> cations. <i>Organometallics</i> , 1992, 11, 337-344.	2.3	20
95	Air stable liquid clathrates: Solid state structure and hydrocarbon solubility of organic cation triiodide salts. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1991, 11, 103-114.	1.6	16
96	Role of Decompressive Surgery in Disorders Associated with Spinal Cord Lesions. , 0, , .		0
97	Beneficial Effects of Preoperative Exercise on the Outcomes of Lumbar Fusion Spinal Surgery. <i>Physiotherapy Canada Physiotherapie Canada</i> , 0, , .	0.6	1