

Nicolas Dea

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,650
citations

279798

23
h-index

302126

39
g-index

61
all docs

61
docs citations

61
times ranked

1986
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient and surgeon radiation exposure during spinal instrumentation using intraoperative computed tomography-based navigation. <i>Spine Journal</i> , 2016, 16, 343-354.	1.3	145
2	Spinal cord perfusion pressure predicts neurologic recovery in acute spinal cord injury. <i>Neurology</i> , 2017, 89, 1660-1667.	1.1	121
3	Economic evaluation comparing intraoperative cone beam CT-based navigation and conventional fluoroscopy for the placement of spinal pedicle screws: a patient-level data cost-effectiveness analysis. <i>Spine Journal</i> , 2016, 16, 23-31.	1.3	104
4	Adverse events in emergency oncological spine surgery: a prospective analysis. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 698-703.	1.7	86
5	Predicting Injury Severity and Neurological Recovery after Acute Cervical Spinal Cord Injury: A Comparison of Cerebrospinal Fluid and Magnetic Resonance Imaging Biomarkers. <i>Journal of Neurotrauma</i> , 2018, 35, 435-445.	3.4	84
6	Giant cell tumors of the spine: has denosumab changed the treatment paradigm?. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 526-533.	1.7	73
7	Frailty and sarcopenia do not predict adverse events in an elderly population undergoing non-complex primary elective surgery for degenerative conditions of the lumbar spine. <i>Spine Journal</i> , 2018, 18, 245-254.	1.3	73
8	Defining the inherent stability of degenerative spondylolisthesis: a systematic review. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 178-189.	1.7	70
9	Sarcopenia, but not frailty, predicts early mortality and adverse events after emergent surgery for metastatic disease of the spine. <i>Spine Journal</i> , 2020, 20, 22-31.	1.3	65
10	Early clinical results with cortically based pedicle screw trajectory for fusion of the degenerative lumbar spine. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 972-975.	1.5	50
11	Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. <i>Neurosurgery</i> , 2020, 87, 303-311.	1.1	47
12	Changing the Adverse Event Profile in Metastatic Spine Surgery. <i>Spine</i> , 2016, 41, S262-S270.	2.0	46
13	Surgical Management of Spinal Chondrosarcomas. <i>Spine</i> , 2016, 41, 678-685.	2.0	43
14	The Economic Burden of Urinary Tract Infection and Pressure Ulceration in Acute Traumatic Spinal Cord Injury Admissions: Evidence for Comparative Economics and Decision Analytics from a Matched Case-Control Study. <i>Journal of Neurotrauma</i> , 2017, 34, 2892-2900.	3.4	40
15	International consensus recommendations for target volume delineation specific to sacral metastases and spinal stereotactic body radiation therapy (SBRT). <i>Radiotherapy and Oncology</i> , 2020, 145, 21-29.	0.6	40
16	Effect of Frailty on Outcome after Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 839-845.	3.4	36
17	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 119-125.	1.7	35
18	Evidence-Based Review and Survey of Expert Opinion of Reconstruction of Metastatic Spine Tumors. <i>Spine</i> , 2016, 41, S254-S261.	2.0	34

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19	Dressings and drains in posterior spine surgery and their effect on wound complications. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1081-1087.	1.5	31
20	Spine Oncology – Primary Spine Tumors. <i>Neurosurgery</i> , 2017, 80, S124-S130.	1.1	31
21	Empirical targets for acute hemodynamic management of individuals with spinal cord injury. <i>Neurology</i> , 2019, 93, e1205-e1211.	1.1	31
22	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
23	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
24	A comparison of the Wiltse versus midline approaches in degenerative conditions of the lumbar spine. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 332-338.	1.7	29
25	Does Extent of Resection Impact Survival in Patients Bearing Glioblastoma?. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 632-637.	0.5	22
26	Surgical management of spinal osteoblastomas. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 321-327.	1.7	22
27	Optimizing the Adverse Event and HRQOL Profiles in the Management of Primary Spine Tumors. <i>Spine</i> , 2016, 41, S212-S217.	2.0	22
28	Prospective analysis of adverse events in surgical treatment of degenerative spondylolisthesis. <i>Spine Journal</i> , 2014, 14, 2905-2910.	1.3	20
29	Timing of surgery and radiotherapy in the management of metastatic spine disease: expert opinion. <i>Journal of Spine Surgery</i> , 2018, 4, 368-373.	1.2	20
30	Proteomic Portraits Reveal Evolutionarily Conserved and Divergent Responses to Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100096.	3.8	14
31	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
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</i> , 2020, 33, 129-137.	1.7	14
33	Surgical Strategies for Chordoma. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 251-261.	1.7	13
34	Thecal Sac Contouring as a Surrogate for the Cauda Equina and Intracanal Spinal Nerve Roots for Spine Stereotactic Body Radiation Therapy (SBRT): Contour Variability and Recommendations for Safe Practice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 114-120.	0.8	11
35	Systemic considerations for the surgical treatment of spinal metastatic disease: a scoping literature review. <i>Lancet Oncology</i> , The, 2022, 23, e321-e333.	10.7	11
36	Quality of Life and Health Utility Scores Among Canadians Living With Traumatic Spinal Cord Injury - A National Cross-Sectional Study. <i>Spine</i> , 2018, 43, 999-1006.	2.0	9

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37	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
38	Calculating Utilities From the Spine Oncology Study Group Outcomes Questionnaire. <i>Spine</i> , 2021, 46, 1165-1171.	2.0	7
39	Low-back pain after lumbar discectomy for disc herniation: what can you tell your patient?. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 715-721.	1.7	7
40	Outcome of spine surgery in patients with depressed mental states: a Canadian spine outcome research network study. <i>Spine Journal</i> , 2022, 22, 1700-1707.	1.3	7
41	The impact of frailty on patient-reported outcomes after elective thoracolumbar degenerative spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 607-615.	1.7	6
42	Management of recurrent or progressive spinal metastases: reirradiation techniques and surgical principles. <i>Neuro-Oncology Practice</i> , 2020, 7, i45-i53.	1.6	6
43	Characterization of Hyperacute Neuropathic Pain after Spinal Cord Injury: A Prospective Study. <i>Journal of Pain</i> , 2022, 23, 89-97.	1.4	5
44	Decision tree analysis to better control treatment effects in spinal cord injury clinical research. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 464-472.	1.7	5
45	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
46	Introduction to Focus Issue II in Spine Oncology. <i>Spine</i> , 2016, 41, S159-S162.	2.0	4
47	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
48	All over the MAP: describing pressure variability in acute spinal cord injury. <i>Spinal Cord</i> , 2022, 60, 470-475.	1.9	4
49	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
50	Clinical presentation, management and outcomes of sacral metastases: a multicenter, retrospective cohort study. <i>Annals of Translational Medicine</i> , 2019, 7, 214-214.	1.7	3
51	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
52	Effects of Workload on Return to Work After Elective Lumbar Spine Surgery. <i>Global Spine Journal</i> , 2024, 14, 420-428.	2.3	2
53	Introduction. Treatment of spinal cord and spinal axial tumors. <i>Neurosurgical Focus</i> , 2021, 50, E1.	2.3	1
54	Patient perspective: diagnosis and prognosis of acute spinal cord injuries. <i>Spinal Cord</i> , 2021, 59, 865-873.	1.9	1

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55	Patient-Reported Outcomes Following Surgery for Lumbar Disc Herniation: Comparison of a Universal and Multitier Health Care System. <i>Global Spine Journal</i> , 2023, 13, 1695-1702.	2.3	1
56	Bilateral cervical facet dislocations at two adjacent levels: A case report. , 2019, 10, 48.		1
57	Predictors of home discharge after scheduled surgery for degenerative cervical myelopathy. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 541-546.	1.7	1
58	Practice Variation between Salaried and Fee-for-Service Surgeons for Lumbar Surgery. <i>Canadian Journal of Neurological Sciences</i> , 2023, 50, 604-611.	0.5	1
59	Evidence-Based Recommendations for Spine Surgery. <i>Spine</i> , 2021, Publish Ahead of Print, 975-982.	2.0	0
60	Evidence-based Recommendations for Spine Surgery. <i>Spine</i> , 2021, 46, E277-E285.	2.0	0
61	Spinal metastasis of parotid acinic cell carcinoma followed by intradural extramedullary recurrence: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.3	0