

# Joel A Finkelstein

## List of Publications by Year in descending order

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93  
papers

2,601  
citations

186265  
28  
h-index

206112  
48  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insertional Torque and Pull-out Strengths of Conical and Cylindrical Pedicle Screws in Cadaveric Bone. <i>Spine</i> , 1996, 21, 2429-2434.	2.0	169
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	Survival and Clinical Outcomes in Surgically Treated Patients With Metastatic Epidural Spinal Cord Compression: Results of the Prospective Multicenter AOSpine Study. <i>Journal of Clinical Oncology</i> , 2016, 34, 268-276.	1.6	163
4	Do Patient Expectations of Spinal Surgery Relate to Functional Outcome?. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 1154-1161.	1.5	114
5	Quality of Life in Surgical Treatment of Metastatic Spine Disease. <i>Spine</i> , 2003, 28, 508-512.	2.0	106
6	Palliation of bone metastases: a survey of patterns of practice among Canadian radiation oncologists. <i>Radiotherapy and Oncology</i> , 2000, 56, 305-314.	0.6	103
7	Health Conditions: Effect on Function, Health-Related Quality of Life, and Life Satisfaction After Traumatic Spinal Cord Injury. A Prospective Observational Registry Cohort Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 443-451.	0.9	92
8	Patient-reported outcomes in spine surgery: past, current, and future directions. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 155-164.	1.7	81
9	The impact of surgical wait time on patient-based outcomes in posterior lumbar spinal surgery. <i>European Spine Journal</i> , 2007, 16, 1832-1839.	2.2	70
10	Volumetric quantification of cement leakage following percutaneous vertebroplasty in metastatic and osteoporotic vertebrae. <i>Journal of Neurosurgery: Spine</i> , 2003, 99, 56-59.	1.7	65
11	Response Shift in Outcome Assessment in Patients Undergoing Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2590-2595.	3.0	64
12	Health-related quality of life following decompression compared to decompression and fusion for degenerative lumbar spondylolisthesis: a Canadian multicentre study. <i>Canadian Journal of Surgery</i> , 2014, 57, E126-E133.	1.2	61
13	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
14	Biomechanics of vertebral level, geometry, and transcortical tumors in the metastatic spine. <i>Journal of Biomechanics</i> , 2007, 40, 46-54.	2.1	47
15	Percutaneous vertebroplasty in patients with intractable pain from osteoporotic or metastatic fractures: A prospective study using quality-of-life assessment. <i>Canadian Association of Radiologists Journal</i> , 2006, 57, 13-21.	2.0	47
16	Mortality and complications following stabilization of femoral metastatic lesions: a population-based study of regional variation and outcome. <i>Canadian Journal of Surgery</i> , 2009, 52, 302-308.	1.2	46
17	Prospective patient-based assessment of effectiveness of palliative radiotherapy for bone metastases. <i>Radiotherapy and Oncology</i> , 2001, 61, 77-82.	0.6	43
18	Traditional assessment of health outcome following total knee arthroplasty was confounded by response shift phenomenon. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 91-96.	5.0	41

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19	Early Retropulsion of Titanium-Threaded Cages After Posterior Lumbar Interbody Fusion. <i>Spine</i> , 2001, 26, 1073-1075.	2.0	40
20	Understanding inconsistencies in patient-reported outcomes after spine treatment: response shift phenomena. <i>Spine Journal</i> , 2009, 9, 1039-1045.	1.3	39
21	Guidelines for secondary analysis in search of response shift. <i>Quality of Life Research</i> , 2013, 22, 2663-2673.	3.1	36
22	Patient Factors That Matter in Predicting Hip Arthroplasty Outcomes: A Machine-Learning Approach. <i>Journal of Arthroplasty</i> , 2021, 36, 2024-2032.	3.1	36
23	Successful salvage using percutaneous vertebroplasty in cancer patients with painful spinal metastases or osteoporotic compression fractures. <i>Radiotherapy and Oncology</i> , 2004, 70, 265-267.	0.6	35
24	Computed tomography (CT) evaluation of breast cancer patients with osteolytic bone metastases undergoing palliative radiotherapy—a feasibility study. <i>Radiotherapy and Oncology</i> , 2004, 70, 291-294.	0.6	34
25	Prospective Assessment of Symptom Palliation for Patients Attending a Rapid Response Radiotherapy Program. <i>Journal of Pain and Symptom Management</i> , 2001, 22, 649-656.	1.2	33
26	Changing values, changing outcomes: the influence of reprioritization response shift on outcome assessment after spine surgery. <i>Quality of Life Research</i> , 2013, 22, 2255-2264.	3.1	33
27	Physical Rehabilitation of the Critically Ill Trauma Patient in the ICU. <i>Critical Care Medicine</i> , 2013, 41, 1790-1801.	0.9	30
28	Appraisal assessment in patient-reported outcome research: methods for uncovering the personal context and meaning of quality of life. <i>Quality of Life Research</i> , 2017, 26, 545-554.	3.1	30
29	The who, what and when of surgery for the degenerative lumbar spine: a population-based study of surgeon factors, surgical procedures, recent trends and reoperation rates. <i>Canadian Journal of Surgery</i> , 2009, 52, 283-290.	1.2	29
30	A biomechanical analysis of intravertebral pressures during vertebroplasty of cadaveric spines with and without simulated metastases. <i>Spine</i> , 2003, 28, 1534-9.	2.0	29
31	The effect of pre-vertebroplasty tumor ablation using laser-induced thermotherapy on biomechanical stability and cement fill in the metastatic spine. <i>European Spine Journal</i> , 2007, 16, 1171-1178.	2.2	28
32	Predictive factors of survival in a surgical series of metastatic epidural spinal cord compression and complete external validation of 8 multivariate models of survival in a prospective North American multicenter study. <i>Cancer</i> , 2018, 124, 3536-3550.	4.1	27
33	Reconsidering the minimally important difference: evidence of instability over time and across groups. <i>Spine Journal</i> , 2019, 19, 726-734.	1.3	27
34	Versican G3 domain enhances cellular adhesion and proliferation of bovine intervertebral disc cells cultured in vitro. <i>Life Sciences</i> , 2003, 73, 3399-3413.	4.3	26
35	Clinical features of conjoined lumbosacral nerve roots versus lumbar intervertebral disc herniations. <i>European Spine Journal</i> , 2010, 19, 1094-1098.	2.2	26
36	Postoperative improvement in health-related quality of life: a national comparison of surgical treatment for focal (one- to two-level) lumbar spinal stenosis compared with total joint arthroplasty for osteoarthritis. <i>Spine Journal</i> , 2011, 11, 1033-1041.	1.3	26

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37	Quality of Life and Adaptation in People With Spinal Cord Injury: Response Shift Effects From 1 to 5 Years Postinjury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1599-1608.e1.	0.9	26
38	Lumbar Vertebral Hemangioma Causing Cauda Equina Syndrome. <i>Spine</i> , 2005, 30, E662-E664.	2.0	25
39	Response shift and outcome assessment in orthopedic surgery: is there a difference between complete and partial treatment?. <i>Journal of Clinical Epidemiology</i> , 2009, 62, 1189-1190.	5.0	25
40	Relationship between Preoperative Patient Characteristics and Expectations in Candidates for Total Knee Arthroplasty. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2009, 61, 38-45.	0.6	25
41	Open Posterior Dislocation of the Lumbosacral Junction. <i>Spine</i> , 1996, 21, 378-380.	2.0	23
42	Evaluation of an advanced-practice physiotherapist in triaging patients with lumbar spine pain: surgeonâ€”physiotherapist level of agreement and patient satisfaction. <i>Canadian Journal of Surgery</i> , 2017, 60, 266-272.	1.2	23
43	Efficacy of postoperative radiation treatment for bone metastases in the extremities. <i>Radiotherapy and Oncology</i> , 2017, 124, 45-48.	0.6	22
44	Split Cord Malformation With Diastematomyelia Presenting as Neurogenic Claudication in an Adult. <i>Spine</i> , 2000, 25, 2269-2271.	2.0	21
45	Metastatic Burst Fracture Risk Assessment Based on Complex Loading of the Thoracic Spine. <i>Annals of Biomedical Engineering</i> , 2006, 34, 494-505.	2.5	21
46	Thrombosis of the Axillary Artery Secondary to Compression by the Pectoralis Minor Muscle. <i>Annals of Vascular Surgery</i> , 1993, 7, 287-290.	0.9	20
47	When patients and surgeons disagree about surgical outcome: investigating patient factors and chart note communication. <i>Health and Quality of Life Outcomes</i> , 2015, 13, 161.	2.4	20
48	A non-surgical model of cervical spinal cord injury induced with focused ultrasound and microbubbles. <i>Journal of Neuroscience Methods</i> , 2014, 235, 92-100.	2.5	18
49	Evaluation of the 11th rib extrapleuralâ€”retroperitoneal approach to the thoracolumbar junction. <i>Journal of Neurosurgery: Spine</i> , 2000, 93, 168-174.	1.7	17
50	Threats to the Internal Validity of Spinal Surgery Outcome Assessment: Recalibration Response Shift or Implicit Theories of Change?. <i>Applied Research in Quality of Life</i> , 2014, 9, 215-232.	2.4	17
51	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
52	Use of the CAGE Questionnaire for Screening Problem Drinking in an Out-Patient Palliative Radiotherapy Clinic. <i>Journal of Pain and Symptom Management</i> , 2001, 21, 491-497.	1.2	15
53	An association between anti-inflammatory medication and internal pelvic fistulas. <i>Diseases of the Colon and Rectum</i> , 1987, 30, 168-170.	1.3	14
54	Quantitative MRI in a nonâ€”surgical model of cervical spinal cord injury. <i>NMR in Biomedicine</i> , 2015, 28, 925-936.	2.8	14

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55	Venting during prophylactic nailing for femoral metastases: current orthopedic practice. Canadian Journal of Surgery, 2003, 46, 427-31.	1.2	14
56	How do validated measures of functional outcome compare with commonly used outcomes in administrative database research for lumbar spinal surgery?. European Spine Journal, 2010, 19, 1369-1377.	2.2	12
57	CT (ISO-C-3D) image based computer assisted navigation in trauma surgery: A preliminary report. Injury Extra, 2008, 39, 39-43.	0.2	11
58	Development of a Competence-Based Spine Surgery Fellowship Curriculum Set of Learning Objectives in Canada. Spine, 2016, 41, 530-537.	2.0	10
59	Moving toward better health: exercise practice is associated with improved outcomes after spine surgery in people with degenerative lumbar conditions. Canadian Journal of Surgery, 2021, 64, E419-E427.	1.2	10
60	Patient factors that matter in predicting spine surgery outcomes: a machine learning approach. Journal of Neurosurgery: Spine, 2021, 35, 127-136.	1.7	10
61	Doing Good, Feeling Good, and Having More: Resources Mediate the Health Benefits of Altruism Differently for Males and Females with Lumbar Spine Disorders. Applied Research in Quality of Life, 2012, 7, 263-279.	2.4	8
62	The impact of thermal cycling on Staphylococcus aureus biofilm growth on stainless steel and titanium orthopaedic plates. BMC Musculoskeletal Disorders, 2018, 19, 260.	1.9	7
63	Outcome of spine surgery in patients with depressed mental states: a Canadian spine outcome research network study. Spine Journal, 2022, 22, 1700-1707.	1.3	7
64	A study of micromotion and appositional bone growth to a canine madreporic-surfaced femoral component. Journal of Arthroplasty, 1994, 9, 317-324.	3.1	6
65	Validation of a freehand technique for cortical bone trajectory screws in the lumbar spine. Journal of Neurosurgery: Spine, 2019, 31, 201-208.	1.7	6
66	Immediate Pain Relief and Improved Structural Stability after Percutaneous Vertebroplasty for a Severely Destructive Vertebral Compression Fracture. Journal of Palliative Medicine, 2009, 12, 97-100.	1.1	5
67	Minimally Invasive Tubular Lumbar Discectomy Versus Conventional Open Lumbar Discectomy: An Observational Study From the Canadian Spine Outcomes and Research Network. Global Spine Journal, 2023, 13, 1293-1303.	2.3	4
68	National adverse event profile after lumbar spine surgery for lumbar degenerative disorders and comparison of complication rates between hospitals: a CSORN registry study. Journal of Neurosurgery: Spine, 2021, 35, 698-703.	1.7	4
69	Fulfillment of Patient Expectations After Spine Surgery is Critical to Patient Satisfaction: A Cohort Study of Spine Surgery Patients. Neurosurgery, 2022, 91, 173-181.	1.1	4
70	Thermal cycling can extend tool life in orthopaedic operating rooms. Journal of Orthopaedic Research, 2016, 34, 539-543.	2.3	3
71	Measurement of appraisal is a valuable adjunct to the current spine outcome tools: a clinician's perspective on the Rapkin and Schwartz commentary. Quality of Life Research, 2019, 28, 2631-2632.	3.1	3
72	Psychometric properties of the Optimal Screening for Prediction of Referral and Outcome Yellow Flags (OSPRO-YF) in patients with lumbar spine pain. European Journal of Physiotherapy, 2019, , 1-7.	1.3	3

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73	Title is missing!. Spine, 2003, 28, 960.	2.0	2
74	Computer-assisted orthopaedic fracture reduction. Current Orthopaedic Practice, 2011, 22, 109-115.	0.2	2
75	Surgical outcomes of patients who fail to reach minimal clinically important differences: comparison of minimally invasive versus open transforaminal lumbar interbody fusion. Journal of Neurosurgery: Spine, 2022, , 1-8.	1.7	2
76	Health Related Quality of Life Following Decompression Compared to Decompression and Fusion for Degenerative Spondylolisthesis: A Canadian Multicenter Study. Spine Journal, 2010, 10, S35-S36.	1.3	1
77	Postoperative Improvement in Health Related Quality of Life: A National Comparison of Surgical Treatment for Focal (1â€“2 Level) Lumbar Spinal Stenosis Compared to Total Joint Replacement for Osteoarthritis. Spine Journal, 2010, 10, S96-S97.	1.3	1
78	The Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression: The AOSpine North America Prospective Multicenter Study. Spine Journal, 2013, 13, S55-S56.	1.3	1
79	Prognostic Factors for Survival in Surgical Series of Symptomatic Metastatic Epidural Spinal Cord Compression: A Prospective North American Multicenter Study in 145 Patients. Spine Journal, 2014, 14, S88.	1.3	1
80	Prognostic Factors for Survival in Surgical Series of Symptomatic Metastatic Epidural Spinal Cord Compression: A Prospective North American Multicenter Study in 145 Patients. Spine Journal, 2015, 15, S112-S113.	1.3	1
81	Predictive Factors for Survival in Surgical Series of Symptomatic Metastatic Epidural Spinal Cord Compression: a Prospective North American Multicenter Study in 142 Patients. Spine Journal, 2016, 16, S317-S318.	1.3	1
82	Cortical Bone Trajectory Screws for Fixation Across the Cervicothoracic Junction: Surgical Technique and Outcomes. Global Spine Journal, 2019, 9, 859-865.	2.3	1
83	â€œLooking Under the Hoodâ€“of Anchor-Based Assessment of Clinically Important Change: A Machine Learning Approach. Value in Health, 2021, 24, 1009-1015.	0.3	1
84	P77. Optimizing the spine surgery instrument trays to immediately increase efficiency and lower costs in the operating room. Spine Journal, 2021, 21, S177.	1.3	1
85	â€˜XXâ€™â€“Sacropasty: A Novel Technique for Management of â€œH-Typeâ€“Sacral Insufficiency Fractures. Geriatric Orthopaedic Surgery and Rehabilitation, 2022, 13, 215145932110496.	1.4	1
86	Validation of the Subgroups for Targeted Treatment for Back (STarT Back) screening tool at a tertiary care centre. Canadian Journal of Surgery, 2022, 65, E352-E358.	1.2	1
87	P29. The novel application of photodynamic therapy for spinal metastases: evaluation in a pre-clinical athymic rat model. Spine Journal, 2003, 3, 154-155.	1.3	0
88	Management of Metastatic Disease to the Spine. Techniques in Orthopaedics, 2004, 19, 30-37.	0.2	0
89	The Effect of Surgery on Health Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression: The AOSpine North America Prospective Multicenter Study. Spine Journal, 2011, 11, S80-S81.	1.3	0
90	The Effect of Surgery on Health-Related Quality of Life and Functional Outcome in Patients with Metastatic Epidural Spinal Cord Compression: The AOSpine North America Prospective Multicenter Study. Spine Journal, 2012, 12, S14-S15.	1.3	0

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91	Prognostic Factors for Survival in Surgical Series of Symptomatic Metastatic Epidural Spinal Cord Compression. <i>Neurosurgery</i> , 2015, 62, 221-222.	1.1	0
92	Attendance of older patients with bone metastases at a multidisciplinary bone metastases clinic: an 8-year experience. <i>Annals of Palliative Medicine</i> , 2017, 6, S47-S51.	1.2	0
93	Risk Stratification in a Tertiary Care Spine Centre: Comparison Between STarTBack and OSPRO-YF Screening Tools. <i>Physiotherapy Canada Physiotherapie Canada</i> , 0, , .	0.6	0