

Ahilan Sivaganesan

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,273
citations

331670

21
h-index

395702

33
g-index

56
all docs

56
docs citations

56
times ranked

1469
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction model for outcome after low-back surgery: individualized likelihood of complication, hospital readmission, return to work, and 12-month improvement in functional disability. <i>Neurosurgical Focus</i> , 2015, 39, E13.	2.3	96
2	Preoperative Opioids and 1-year Patient-reported Outcomes After Spine Surgery. <i>Spine</i> , 2019, 44, 887-895.	2.0	70
3	Neuroimaging of ventriculoperitoneal shunt complications in children. <i>Pediatric Radiology</i> , 2012, 42, 1029-1046.	2.0	68
4	Spine Surgery in the Ambulatory Surgery Center Setting: Value-Based Advancement or Safety Liability?. <i>Neurosurgery</i> , 2018, 83, 159-165.	1.1	68
5	Patient-Specific Factors Associated With Dissatisfaction After Elective Surgery for Degenerative Spine Diseases. <i>Neurosurgery</i> , 2015, 77, 157-163.	1.1	66
6	The effect of NSAIDs on spinal fusion: a cross-disciplinary review of biochemical, animal, and human studies. <i>European Spine Journal</i> , 2017, 26, 2719-2728.	2.2	56
7	Comparison of Outcomes Following Anterior vs Posterior Fusion Surgery for Patients With Degenerative Cervical Myelopathy: An Analysis From Quality Outcomes Database. <i>Neurosurgery</i> , 2019, 84, 919-926.	1.1	56
8	Traumatic atlantooccipital dislocation: comprehensive assessment of mortality, neurologic improvement, and patient-reported outcomes at a Level 1 trauma center over 15 years. <i>Spine Journal</i> , 2015, 15, 2385-2395.	1.3	47
9	Measuring clinically relevant improvement after lumbar spine surgery: is it time for something new?. <i>Spine Journal</i> , 2020, 20, 847-856.	1.3	44
10	A predictive model and nomogram for predicting return to work at 3 months after cervical spine surgery: an analysis from the Quality Outcomes Database. <i>Neurosurgical Focus</i> , 2018, 45, E9.	2.3	38
11	Effect of complications within 90 days on patient-reported outcomes 3 months and 12 months following elective surgery for lumbar degenerative disease. <i>Neurosurgical Focus</i> , 2015, 39, E8.	2.3	37
12	Comparing different chronic preoperative opioid use definitions on outcomes after spine surgery. <i>Spine Journal</i> , 2019, 19, 984-994.	1.3	37
13	Impact of occupational characteristics on return to work for employed patients after elective lumbar spine surgery. <i>Spine Journal</i> , 2019, 19, 1969-1976.	1.3	34
14	Predictive Model for Medical and Surgical Readmissions Following Elective Lumbar Spine Surgery. <i>Spine</i> , 2019, 44, 588-600.	2.0	33
15	Effect of obesity on cost per quality-adjusted life years gained following anterior cervical discectomy and fusion in elective degenerative pathology. <i>Spine Journal</i> , 2016, 16, 1342-1350.	1.3	28
16	Predictors of the efficacy of epidural steroid injections for structural lumbar degenerative pathology. <i>Spine Journal</i> , 2016, 16, 928-934.	1.3	27
17	Drivers of Cost in Adult Thoracolumbar Spine Deformity Surgery. <i>World Neurosurgery</i> , 2018, 118, e206-e211.	1.3	26
18	Causes and Timing of Unplanned 90-day Readmissions Following Spine Surgery. <i>Spine</i> , 2018, 43, 991-998.	2.0	25

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19	Why are patients dissatisfied after spine surgery when improvements in disability and pain are clinically meaningful?. Spine Journal, 2020, 20, 1535-1543.	1.3	25
20	Informatics for Neurocritical Care: Challenges and Opportunities. Neurocritical Care, 2014, 20, 132-141.	2.4	24
21	Can facet joint fluid on MRI and dynamic instability be a predictor of improvement in back pain following lumbar fusion for degenerative spondylolisthesis?. European Spine Journal, 2016, 25, 2408-2415.	2.2	24
22	Drivers of Variability in 90-Day Cost for Elective Anterior Cervical Discectomy and Fusion for Cervical Degenerative Disease. Neurosurgery, 2018, 83, 898-904.	1.1	23
23	Quality of Life and General Health After Elective Surgery for Cervical Spine Pathologies. Neurosurgery, 2015, 77, 553-560.	1.1	20
24	Is There a Preoperative Morphine Equianalgesic Dose that Predicts Ability to Achieve a Clinically Meaningful Improvement Following Spine Surgery?. Neurosurgery, 2018, 83, 245-251.	1.1	20
25	Practice Trends in the Utilization of Intraoperative Neurophysiological Monitoring in Pediatric Neurosurgery as a Function of Complication Rate, and Patient-, Surgeon-, and Procedure-Related Factors. World Neurosurgery, 2014, 81, 617-623.	1.3	19
26	Patient-Reported Outcomes and Costs Associated With Revision Surgery for Degenerative Cervical Spine Diseases. Spine, 2018, 43, E423-E429.	2.0	19
27	Trajectory of Improvement in Myelopathic Symptoms From 3 to 12 Months Following Surgery for Degenerative Cervical Myelopathy. Neurosurgery, 2020, 86, 763-768.	1.1	18
28	Impact of old age on patient-report outcomes and cost utility for anterior cervical discectomy and fusion surgery for degenerative spine disease. European Spine Journal, 2017, 26, 1236-1245.	2.2	17
29	Surgeon-Level Variability in Outcomes, Cost, and Comorbidity Adjusted-Cost for Elective Lumbar Decompression and Fusion. Neurosurgery, 2018, 82, 506-515.	1.1	17
30	Development and Validation of Cervical Prediction Models for Patient-Reported Outcomes at 1 Year After Cervical Spine Surgery for Radiculopathy and Myelopathy. Spine, 2020, 45, 1541-1552.	2.0	17
31	Drivers of Variability in 90-Day Cost for Elective Laminectomy and Fusion for Lumbar Degenerative Disease. Neurosurgery, 2019, 84, 1043-1049.	1.1	14
32	Opioid-free spine surgery: a prospective study of 244 consecutive cases by a single surgeon. Spine Journal, 2020, 20, 1176-1183.	1.3	14
33	Drivers of Variability in 90-day Cost for Primary Single-level Microdiscectomy. Neurosurgery, 2018, 83, 1153-1160.	1.1	12
34	Does Neck Disability Index Correlate With 12-Month Satisfaction After Elective Surgery for Cervical Radiculopathy? Results From a National Spine Registry. Neurosurgery, 2020, 86, 736-741.	1.1	11
35	Predictors of patient satisfaction following 1- or 2-level anterior cervical discectomy and fusion: insights from the Quality Outcomes Database. Journal of Neurosurgery: Spine, 2019, 31, 835-843.	1.7	11
36	Intersurgeon Cost Variability in Anterior Cervical Discectomy and Fusion. Spine, 2018, 43, 1125-1132.	2.0	10

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37	Is Length of Stay Influenced by the Weekday On Which Lumbar Surgery is Performed?. Neurosurgery, 2019, 85, 494-499.	1.1	10
38	Factors Associated With Return-to-Work Following Cervical Spine Surgery in Non-Worker's Compensation Setting. Spine, 2019, 44, 903-907.	2.0	10
39	Survival After Surgery for Renal Cell Carcinoma Metastatic to the Spine: Impact of Modern Systemic Therapies on Outcomes. Neurosurgery, 2020, 87, 1174-1180.	1.1	10
40	Effect of Complications within 90 Days on Cost Per Quality-Adjusted Life Year Gained Following Elective Surgery for Degenerative Lumbar Spine Disease. Neurosurgery, 2017, 64, 157-164.	1.1	9
41	Effect of Modified Japanese Orthopedic Association Severity Classifications on Satisfaction With Outcomes 12 Months After Elective Surgery for Cervical Spine Myelopathy. Spine, 2019, 44, 801-808.	2.0	9
42	Identifying the Most Appropriate ACDF Patients for an Ambulatory Surgery Center. Clinical Spine Surgery, 2020, 33, 418-423.	1.3	8
43	Implication of Biomarker Mutations for Predicting Survival in Patients With Metastatic Lung Cancer to the Spine. Spine, 2018, 43, E1274-E1280.	2.0	7
44	A Strategy for Risk-adjusted Ranking of Surgeons and Practices Based on Patient-reported Outcomes After Elective Lumbar Surgery. Spine, 2019, 44, 670-677.	2.0	6
45	Effect of pre-injection opioid use on post-injection patient-reported outcomes following epidural steroid injections for radicular pain. Spine Journal, 2018, 18, 788-796.	1.3	4
46	Matched-pair cohort study of 1-year patient-reported outcomes following pelvic fixation. Spine Journal, 2016, 16, 742-747.	1.3	3
47	Outcomes and Value in Spine Surgery. Operative Techniques in Orthopaedics, 2017, 27, 208-216.	0.1	3
48	The Legacy of a Neurosurgeon: A U.S.-Based Obituary Analysis. World Neurosurgery, 2019, 130, e908-e914.	1.3	3
49	Addressing the Global Burden of Neurosurgical Disease Beyond the Operating Room: Comment on Recent Global Neurosurgery Article in Journal of Neurosurgery. World Neurosurgery, 2019, 122, 364-365.	1.3	3
50	Value based spine care: Paying for outcomes, not volume. Seminars in Spine Surgery, 2019, 31, 12-19.	0.2	3
51	Perioperative Modifications to the Open TLIF Provide Comparable Short-term Outcomes to the MIS-TLIF. Clinical Spine Surgery, 2021, Publish Ahead of Print, .	1.3	3
52	Maximizing efficiency and diagnostic accuracy triage of acute stroke patients: A case-control study. Interventional Neuroradiology, 2016, 22, 304-309.	1.1	2
53	Clinical and Cost-Effectiveness of Lumbar Interbody Fusion Using Tritanium Posterolateral Cage (vs.) Tj ETQq1 1 0.784314 rgBT / Over 0.7	0.7	1
54	A response to comments by Dr. Manchikanti and Dr. Hirsch. Spine Journal, 2016, 16, 906-907.	1.3	0

#	ARTICLE	IF	CITATIONS
55	Rating Spine Surgeons. Clinical Spine Surgery, 2022, Publish Ahead of Print, .	1.3	0