

# Jonathan S Gal

## List of Publications by Year in descending order

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35  
papers

329  
citations

1307594

7  
h-index

940533

16  
g-index

36  
all docs

36  
docs citations

36  
times ranked

596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thoracic Approach to Spine Procedures. , 2022, , 678-687.		0
2	Anesthesia provider performance in the first two years of merit-based incentive payment system: Shifts in reporting and predictors of receiving bonus payments. Journal of Clinical Anesthesia, 2022, 76, 110582.	1.6	6
3	Clinical Trials in Spinal Tumors: A Two-Decade Review. World Neurosurgery, 2022, 161, e39-e53.	1.3	3
4	Delayed extubation in spine surgery is associated with increased postoperative complications and hospital episode-based resource utilization. Journal of Clinical Anesthesia, 2022, 77, 110636.	1.6	7
5	Incidence and Severity of Concussions Among Young Soccer Players Based on Age, Sex, and Player Position. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712110592.	1.7	2
6	Seasonal Effects on Surgical Site Infections Following Spine Surgery. World Neurosurgery, 2022, , .	1.3	4
7	Post-operative tranexamic acid decreases chest tube drainage following vertebral body tethering surgery for scoliosis correction. Spine Deformity, 2022, , 1.	1.5	1
8	Robust Prediction of Non-home Discharge After Thoracolumbar Spine Surgery With Ensemble Machine Learning and Validation on a Nationwide Cohort. World Neurosurgery, 2022, 165, e83-e91.	1.3	4
9	Clinical Considerations and Outcomes for Spine Surgery Patients with a History of Transplant: A Systematic Scoping Review Protocol. Methods and Protocols, 2022, 5, 47.	2.0	1
10	Surgery for spinal deformity: non-elective admission status is associated with higher cost of care and longer length of stay. Spine Deformity, 2021, 9, 373-379.	1.5	2
11	Surgeon experience influences patient characteristics and outcomes in spine deformity surgery. Spine Deformity, 2021, 9, 341-348.	1.5	6
12	Utilization of the American Society of Anesthesiologists (ASA) classification system in evaluating outcomes and costs following deformity spine procedures. Spine Deformity, 2021, 9, 185-190.	1.5	13
13	Anesthesiology payment methods: US perspective. International Anesthesiology Clinics, 2021, 59, 37-46.	0.8	0
14	Comparison of Cost and Perioperative Outcome Profiles for Primary and Revision Posterior Cervical Fusion Procedures. Spine, 2021, 46, 1295-1301.	2.0	1
15	The Impact of Non-Elective Admission on Cost of Care and Length of Stay in Anterior Cervical Discectomy and Fusion. Spine, 2021, Publish Ahead of Print, 1535-1541.	2.0	2
16	Comparison of Surgical Outcomes of Microdiscectomy Procedures by Patient Admission Status. World Neurosurgery, 2021, 150, e38-e44.	1.3	0
17	Palliative Care Consultation for Hospitalized Patients with Primary and Secondary Brain Tumors at a Single Academic Center. Journal of Palliative Medicine, 2021, 24, 1550-1554.	1.1	4
18	Drivers of Prolonged Hospitalization Following Spine Surgery. Journal of Bone and Joint Surgery - Series A, 2021, 103, 64-73.	3.0	9

#	ARTICLE	IF	CITATIONS
19	Application of Cooperative Game Theory Principles to Interpret Machine Learning Models of Nonhome Discharge Following Spine Surgery. <i>Spine</i> , 2021, 46, 803-812.	2.0	10
20	The Impact of ASA Status on Cost of Care and Length of Stay Following Posterior Cervical Decompression and Fusion. <i>World Neurosurgery</i> , 2021, , .	1.3	3
21	American Society of Anesthesiologistsâ€™ Status Association With Cost and Length of Stay in Lumbar Laminectomy and Fusion. <i>Spine</i> , 2020, 45, 333-338.	2.0	6
22	Disparities in Outcomes by Insurance Payer Groups for Patients Undergoing Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2020, 45, 770-775.	2.0	30
23	The Impact of Diabetes on Outcomes and Health Care Costs Following Anterior Cervical Discectomy and Fusion. <i>Global Spine Journal</i> , 2020, , 219256822096405.	2.3	1
24	A Comparison of the Elixhauser and Charlson Comorbidity Indices: Predicting In-Hospital Complications Following Anterior Lumbar Interbody Fusions. <i>World Neurosurgery</i> , 2020, 144, e353-e360.	1.3	10
25	Intraoperative Electronic Alerts Improve Compliance With National Quality Program Measure for Perioperative Temperature Management. <i>Anesthesia and Analgesia</i> , 2020, 130, 1167-1175.	2.2	6
26	Reductions in commuting mobility correlate with geographic differences in SARS-CoV-2 prevalence in New York City. <i>Nature Communications</i> , 2020, 11, 4674.	12.8	105
27	Later Surgical Start Time Is Associated With Longer Length of Stay and Higher Cost in Cervical Spine Surgery. <i>Spine</i> , 2020, 45, 1171-1177.	2.0	9
28	Adjacent Segment Reoperation and Other Perioperative Outcomes in Patients Who Underwent Anterior Lumbar Interbody Fusions at One and Two Levels. <i>World Neurosurgery</i> , 2020, 139, e480-e488.	1.3	6
29	Adult spinal deformity surgery: the effect of surgical start time on patient outcomes and cost of care. <i>Spine Deformity</i> , 2020, 8, 1017-1023.	1.5	1
30	Machine Learning With Feature Domains Elucidates Candidate Drivers of Hospital Readmission Following Spine Surgery in a Large Single-Center Patient Cohort. <i>Neurosurgery</i> , 2020, 87, E500-E510.	1.1	8
31	Utility of the Hospital Frailty Risk Score for Predicting Adverse Outcomes in Degenerative Spine Surgery Cohorts. <i>Neurosurgery</i> , 2020, 87, 1223-1230.	1.1	49
32	Perioperative Outcomes of Spinal Cord Stimulator Placement in Patients with Complex Regional Pain Syndrome Compared with Patients without Complex Regional Pain Syndrome. <i>World Neurosurgery</i> , 2020, 137, e106-e117.	1.3	3
33	Posterior Cervical Decompression and Fusion: Assessing Risk Factors for Nonhome Discharge and the Impact of Disposition on Postdischarge Outcomes. <i>World Neurosurgery</i> , 2019, 125, e958-e965.	1.3	11
34	Assessing Variability in In-Hospital Complication Rates Between Surgical Services for Patients Undergoing Posterior Cervical Decompression and Fusion. <i>Spine</i> , 2019, 44, 163-168.	2.0	3
35	Anesthetic considerations for a novel anterior surgical approach to pediatric scoliosis correction. <i>Paediatric Anaesthesia</i> , 2017, 27, 1028-1036.	1.1	3