

Jonathan S Gal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1940102/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	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
4	Utilization of the American Society of Anesthesiologists (ASA) classification system in evaluating outcomes and costs following deformity spine procedures. <i>Spine Deformity</i> , 2021, 9, 185-190.	1.5	13
5	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
6	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
7	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
8	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
9	Drivers of Prolonged Hospitalization Following Spine Surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 64-73.	3.0	9
10	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
11	Delayed extubation in spine surgery is associated with increased postoperative complications and hospital episode-based resource utilization. <i>Journal of Clinical Anesthesia</i> , 2022, 77, 110636.	1.6	7
12	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
13	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
14	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
15	Surgeon experience influences patient characteristics and outcomes in spine deformity surgery. <i>Spine Deformity</i> , 2021, 9, 341-348.	1.5	6
16	Anesthesia provider performance in the first two years of merit-based incentive payment system: Shifts in reporting and predictors of receiving bonus payments. <i>Journal of Clinical Anesthesia</i> , 2022, 76, 110582.	1.6	6
17	Palliative Care Consultation for Hospitalized Patients with Primary and Secondary Brain Tumors at a Single Academic Center. <i>Journal of Palliative Medicine</i> , 2021, 24, 1550-1554.	1.1	4
18	Seasonal Effects on Surgical Site Infections Following Spine Surgery. <i>World Neurosurgery</i> , 2022, , .	1.3	4

#	ARTICLE	IF	CITATIONS
19	Robust Prediction of Non-home Discharge After Thoracolumbar Spine Surgery With Ensemble Machine Learning and Validation on a Nationwide Cohort. <i>World Neurosurgery</i> , 2022, 165, e83-e91.	1.3	4
20	Anesthetic considerations for a novel anterior surgical approach to pediatric scoliosis correction. <i>Paediatric Anaesthesia</i> , 2017, 27, 1028-1036.	1.1	3
21	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
22	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
23	Clinical Trials in Spinal Tumors: A Two-Decade Review. <i>World Neurosurgery</i> , 2022, 161, e39-e53.	1.3	3
24	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
25	Surgery for spinal deformity: non-elective admission status is associated with higher cost of care and longer length of stay. <i>Spine Deformity</i> , 2021, 9, 373-379.	1.5	2
26	The Impact of Non-Elective Admission on Cost of Care and Length of Stay in Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2021, Publish Ahead of Print, 1535-1541.	2.0	2
27	Incidence and Severity of Concussions Among Young Soccer Players Based on Age, Sex, and Player Position. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712110592.	1.7	2
28	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
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	Comparison of Cost and Perioperative Outcome Profiles for Primary and Revision Posterior Cervical Fusion Procedures. <i>Spine</i> , 2021, 46, 1295-1301.	2.0	1
31	Post-operative tranexamic acid decreases chest tube drainage following vertebral body tethering surgery for scoliosis correction. <i>Spine Deformity</i> , 2022, , 1.	1.5	1
32	Clinical Considerations and Outcomes for Spine Surgery Patients with a History of Transplant: A Systematic Scoping Review Protocol. <i>Methods and Protocols</i> , 2022, 5, 47.	2.0	1
33	Anesthesiology payment methods: US perspective. <i>International Anesthesiology Clinics</i> , 2021, 59, 37-46.	0.8	0
34	Comparison of Surgical Outcomes of Microdiscectomy Procedures by Patient Admission Status. <i>World Neurosurgery</i> , 2021, 150, e38-e44.	1.3	0
35	Thoracic Approach to Spine Procedures. , 2022, , 678-687.		0