

Vikram Tiwari

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

529
citations

687220

13
h-index

677027

22
g-index

31
all docs

31
docs citations

31
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting Daily Surgical Volumes Using Probabilistic Estimates of Providers' Future Availability. <i>Decision Sciences</i> , 2022, 53, 124-149.	3.2	1
2	Is newer always better?: comparing cost and short-term outcomes between laparoscopic and robotic right hemicolectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 2879-2885.	1.3	8
3	Adaptive Capacity Planning for Ambulatory Surgery Centers. <i>Manufacturing and Service Operations Management</i> , 2022, 24, 3135-3157.	2.3	3
4	The Effect of Operational Process Changes on Preoperative Patient Flow: Evidence from Field Research. <i>Production and Operations Management</i> , 2021, 30, 1647-1667.	2.1	5
5	Predicting Length of Stay of Coronary Artery Bypass Grafting Patients Using Machine Learning. <i>Journal of Surgical Research</i> , 2021, 264, 68-75.	0.8	10
6	Transition from Private to Academic Anesthesia Provision Changes Process and Patient Centered Outcomes in an Ambulatory Surgery Center. <i>Journal of Medical Systems</i> , 2020, 44, 204.	2.2	0
7	Should I Buy This? A Decision-Making Tool for Surgical Value-Based Purchasing. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 397-399.	1.1	2
8	A Statistical Model-driven Surgical Case Scheduling System Improves Multiple Measures of Operative Suite Efficiency. <i>Annals of Surgery</i> , 2019, 270, 1000-1004.	2.1	4
9	Scheduling elective surgery patients considering time-dependent health urgency: Modeling and solution approaches. <i>Omega</i> , 2019, 86, 137-153.	3.6	19
10	Scaling Perioperative Services Across Health Care Systems. <i>International Anesthesiology Clinics</i> , 2019, 57, 1-17.	0.3	1
11	Scheduling Elective Surgeries with Emergency Patients at Shared Operating Rooms. <i>Production and Operations Management</i> , 2019, 28, 1407-1430.	2.1	39
12	An enhanced recovery program in colorectal surgery is associated with decreased organ level rates of complications: a difference-in-differences analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2222-2230.	1.3	12
13	Association of Health Literacy With Postoperative Outcomes in Patients Undergoing Major Abdominal Surgery. <i>JAMA Surgery</i> , 2018, 153, 137.	2.2	91
14	Measuring Emergency Department Acuity. <i>Academic Emergency Medicine</i> , 2018, 25, 65-75.	0.8	21
15	A Novel Method of Evaluating Key Factors for Success in a Multifaceted Critical Care Fellowship Using Data Envelopment Analysis. <i>Anesthesia and Analgesia</i> , 2018, 126, 260-269.	1.1	2
16	Does a first-case on-time-start initiative achieve its goal by starting the entire process earlier or by tightening the distribution of start times?. <i>British Journal of Anaesthesia</i> , 2018, 121, 1148-1155.	1.5	7
17	Impact of waiting and provider behavior on surgical outpatients' perception of care. <i>Perioperative Care and Operating Room Management</i> , 2017, 7, 7-11.	0.2	6
18	Perioperative bed capacity planning guided by theory of constraints. , 2016, , .		3

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19	Use of simulation to assess a statistically driven surgical scheduling system. Journal of Surgical Research, 2016, 201, 306-312.	0.8	10
20	A perioperative consult service results in reduction in cost and length of stay for colorectal surgical patients: evidence from a healthcare redesign project. Perioperative Medicine (London, England), 2016, 17(5), 50-60.	0.6	1
21	“What Have We Done for Us Lately?” Defining Performance and Value at the Individual Clinician Level. Anesthesiology Clinics, 2015, 33, 659-677.	0.6	1
22	Predicting Case Volume from the Accumulating Elective Operating Room Schedule Facilitates Staffing Improvements. Anesthesiology, 2014, 121, 171-183.	1.3	34
23	Modeling anesthetic times. Predictors and implications for short-term outcomes. Journal of Surgical Research, 2013, 180, 1-7.	0.8	16
24	Value of a Scheduled Duration Quantified in Terms of Equivalent Numbers of Historical Cases. Anesthesia and Analgesia, 2013, 117, 205-210.	1.1	45
25	Explanation for the Near-Constant Mean Time Remaining in Surgical Cases Exceeding Their Estimated Duration, Necessary for Appropriate Display on Electronic White Boards. Anesthesia and Analgesia, 2013, 117, 487-493.	1.1	32
26	Derivation and out-of-sample validation of a modeling system to predict length of surgery. American Journal of Surgery, 2012, 204, 563-568.	0.9	14
27	Specialization and competition in healthcare delivery networks. Health Care Management Science, 2009, 12, 306-324.	1.5	19
28	Scheduling projects with heterogeneous resources to meet time and quality objectives. European Journal of Operational Research, 2009, 193, 780-790.	3.5	60
29	ASP, The Art and Science of Practice: Recoupling Inventory Control Research and Practice: Guidelines for Achieving Synergy. Interfaces, 2007, 37, 176-186.	1.6	25
30	Scheduling Operating Rooms with Elective and Emergency Surgeries. SSRN Electronic Journal, 0, , .	0.4	2
31	Adaptive Capacity Planning for Ambulatory Surgery Centers. SSRN Electronic Journal, 0, , .	0.4	0