

# Ruth E Wachtel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12139831/publications.pdf>

Version: 2024-02-01

52  
papers

2,198  
citations

172457

29  
h-index

223800

46  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow-Induced Dilation of Human Coronary Arterioles. <i>Circulation</i> , 2001, 103, 1992-1998.	1.6	228
2	Diabetes Mellitus Impairs Vasodilation to Hypoxia in Human Coronary Arterioles. <i>Circulation Research</i> , 2003, 92, 151-158.	4.5	167
3	Tactical Decision Making for Selective Expansion of Operating Room Resources Incorporating Financial Criteria and Uncertainty in Subspecialties?? Future Workloads. <i>Anesthesia and Analgesia</i> , 2005, 100, 1425-1432.	2.2	122
4	Tactical Increases in Operating Room Block Time for Capacity Planning Should Not Be Based on Utilization. <i>Anesthesia and Analgesia</i> , 2008, 106, 215-226.	2.2	111
5	Influence of the Operating Room Schedule on Tardiness from Scheduled Start Times. <i>Anesthesia and Analgesia</i> , 2009, 108, 1889-1901.	2.2	101
6	Strategies for Net Cost Reductions with the Expanded Role and Expertise of Anesthesiologists in the Perioperative Surgical Home. <i>Anesthesia and Analgesia</i> , 2014, 118, 1062-1071.	2.2	88
7	Review of Behavioral Operations Experimental Studies of Newsvendor Problems for Operating Room Management. <i>Anesthesia and Analgesia</i> , 2010, 110, 1698-1710.	2.2	78
8	Reducing Tardiness from Scheduled Start Times by Making Adjustments to the Operating Room Schedule. <i>Anesthesia and Analgesia</i> , 2009, 108, 1902-1909.	2.2	76
9	Meta-analysis of desflurane and propofol average times and variability in times to extubation and following commands. <i>Canadian Journal of Anaesthesia</i> , 2011, 58, 714-724.	1.6	72
10	Observational study of operating room times for knee and hip replacement surgery at nine U.S. community hospitals. <i>Health Care Management Science</i> , 2006, 9, 325-339.	2.6	63
11	Decreasing the Hours That Anesthesiologists and Nurse Anesthetists Work Late by Making Decisions to Reduce the Hours of Over-Utilized Operating Room Time. <i>Anesthesia and Analgesia</i> , 2016, 122, 831-842.	2.2	63
12	Capsaicin sensitivity and voltage-gated sodium currents in colon sensory neurons from rat dorsal root ganglia. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, G1180-G1188.	3.4	59
13	Growth Rates in Pediatric Diagnostic Imaging and Sedation. <i>Anesthesia and Analgesia</i> , 2009, 108, 1616-1621.	2.2	59
14	Coordination of Appointments for Anesthesia Care Outside of Operating Rooms Using an Enterprise-Wide Scheduling System. <i>Anesthesia and Analgesia</i> , 2007, 105, 1701-1710.	2.2	54
15	Non-voltage-gated Ca <sup>2+</sup> Influx Through Mechanosensitive Ion Channels in Aortic Baroreceptor Neurons. <i>Circulation Research</i> , 1997, 80, 861-867.	4.5	52
16	Kinetics of nicotinic acetylcholine ion channels in the presence of intravenous anaesthetics and induction agents. <i>British Journal of Pharmacology</i> , 1992, 106, 623-627.	5.4	48
17	Curriculum Providing Cognitive Knowledge and Problem-Solving Skills for Anesthesia Systems-Based Practice. <i>Journal of Graduate Medical Education</i> , 2010, 2, 624-632.	1.3	43
18	Analysis of Operating Room Allocations to Optimize Scheduling of Specialty Rotations for Anesthesia Trainees. <i>Anesthesia and Analgesia</i> , 2010, 111, 520-524.	2.2	43

#	ARTICLE	IF	CITATIONS
19	Financial Implications of a Hospital's Specialization in Rare Physiologically Complex Surgical Procedures. <i>Anesthesiology</i> , 2005, 103, 161-167.	2.5	42
20	Determinants, Associations, and Psychometric Properties of Resident Assessments of Anesthesiologist Operating Room Supervision. <i>Anesthesia and Analgesia</i> , 2013, 116, 1342-1351.	2.2	37
21	A Simple Method for Deciding When Patients Should Be Ready on the Day of Surgery Without Procedure-Specific Data. <i>Anesthesia and Analgesia</i> , 2007, 105, 127-140.	2.2	37
22	Differentiating among Hospitals Performing Physiologically Complex Operative Procedures in the Elderly. <i>Anesthesiology</i> , 2004, 100, 1552-1561.	2.5	34
23	Mechanical stimulation of neurites generates an inward current in putative aortic baroreceptor neurons in vitro. <i>Brain Research</i> , 1997, 757, 149-154.	2.2	33
24	The "Fourth Mission": A & A Case Reports, 2015, 5, 206-211.	0.7	33
25	Use of Discharge Abstract Databases to Differentiate among Pediatric Hospitals Based on Operative Procedures. <i>Anesthesiology</i> , 2003, 99, 480-487.	2.5	32
26	National Incidence of Use of Monitored Anesthesia Care. <i>Anesthesia and Analgesia</i> , 2011, 113, 165-169.	2.2	32
27	Mechanosensitive ion channels in putative aortic baroreceptor neurons. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H1497-H1501.	3.2	31
28	Estimate of the Relative Risk of Succinylcholine for Triggering Malignant Hyperthermia. <i>Anesthesia and Analgesia</i> , 2013, 116, 118-122.	2.2	30
29	Effects of diltiazem and verapamil on responses to acetylcholine. <i>British Journal of Pharmacology</i> , 1987, 92, 561-566.	5.4	29
30	Quantifying Effect of a Hospital's Caseload for a Surgical Specialty on That of Another Hospital Using Multi-Attribute Market Segments. <i>Health Care Management Science</i> , 2005, 8, 121-131.	2.6	29
31	Control Chart Monitoring of the Numbers of Cases Waiting When Anesthesiologists Do Not Bring in Members of Call Team. <i>Anesthesia and Analgesia</i> , 2010, 111, 196-203.	2.2	29
32	Difficulties and Challenges Associated with Literature Searches in Operating Room Management, Complete with Recommendations. <i>Anesthesia and Analgesia</i> , 2013, 117, 1460-1479.	2.2	29
33	Case Scheduling Preferences of One Surgeon's Cataract Surgery Patients. <i>Anesthesia and Analgesia</i> , 2009, 108, 579-582.	2.2	28
34	Monitoring changes in individual surgeon's workloads using anesthesia data. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 571-577.	1.6	26
35	Should Anesthesia Groups Advocate Funding of Clinics and Scheduling Systems to Increase Operating Room Workload?. <i>Anesthesiology</i> , 2009, 111, 1016-1024.	2.5	25
36	Event-based knowledge elicitation of operating room management decision-making using scenarios adapted from information systems data. <i>BMC Medical Informatics and Decision Making</i> , 2011, 11, 2.	3.0	22

#	ARTICLE	IF	CITATIONS
37	Application of a Similarity Index to State Discharge Abstract Data to Identify Opportunities for Growth of Surgical and Anesthesia Practices. <i>Anesthesia and Analgesia</i> , 2007, 104, 1157-1170.	2.2	19
38	Application of an Online Reference for Reviewing Basic Statistical Principles of Operating Room Management. <i>Journal of Statistics Education</i> , 2010, 18, .	1.4	17
39	Mechanism of Volatile Anesthetic Action on Ion Channels. <i>Annals of the New York Academy of Sciences</i> , 1991, 625, 116-128.	3.8	12
40	Use of State Discharge Abstract Data to Identify Hospitals Performing Similar Types of Operative Procedures. <i>Anesthesia and Analgesia</i> , 2010, 110, 1146-1154.	2.2	11
41	Scheduling for anesthesia at geographic locations remote from the operating room. <i>Current Opinion in Anaesthesiology</i> , 2014, 27, 426-430.	2.0	10
42	Use of BMDP statistical package to generate maximum likelihood estimates for single channel data. <i>Journal of Neuroscience Methods</i> , 1988, 25, 121-128.	2.5	9
43	Aliphatic alcohols increase the decay rate of glutamate-activated currents at the crayfish neuromuscular junction. <i>British Journal of Pharmacology</i> , 1984, 83, 393-397.	5.4	7
44	Effects of some depressant drugs on synaptic responses to glutamate at the crayfish neuromuscular junction. <i>British Journal of Pharmacology</i> , 1984, 83, 387-391.	5.4	6
45	Elevated Levels of Glucose and Fructose Reduce <sup>22</sup> Na <sup>+</sup> Uptake and Whole Cell Na <sup>+</sup> Current in Cultured Neuroblastoma Cells. <i>Journal of Neurochemistry</i> , 1994, 62, 63-69.	3.9	6
46	Case Sequencing of Diagnostic Imaging Studies Performed Under General Anesthesia or Monitored Anesthesia Care During Nights and Weekends. <i>A &amp; A Case Reports</i> , 2015, 5, 162-166.	0.7	6
47	Ophthalmologic Surgery Is Unique in Operating Room Management. <i>Anesthesia and Analgesia</i> , 2014, 119, 1243-1245.	2.2	5
48	Reducing surgical patient fasting times. <i>AORN Journal</i> , 2009, 89, 830-832.	0.3	3
49	Growth in an Anesthesiologist- and Nurse Anesthetist-Supervised Sedation Nurse Program Using Propofol and Dexmedetomidine. <i>A &amp; A Case Reports</i> , 2016, 6, 402-410.	0.7	2
50	Fitting of Single-Channel Dwell Time Distributions. <i>Methods in Neurosciences</i> , 1991, 4, 410-428.	0.5	0
51	Should Evaluation of Surgeons Based on Total Hospital Costs Have Considered Operating Room Times?. <i>Journal of the American College of Surgeons</i> , 2006, 203, 400-400.	0.5	0
52	Numerous studies have considered opportunity costs of operating time. <i>Surgery</i> , 2010, 147, 172.	1.9	0