

Johannes Ledolter

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,156
citations

471509

17
h-index

434195

31
g-index

76
all docs

76
docs citations

76
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	Monte Carlo EM Estimation for Time Series Models Involving Counts. Journal of the American Statistical Association, 1995, 90, 242-252.	3.1	211
2	Estimating Surgical Case Durations and Making Comparisons Among Facilities. Anesthesia and Analgesia, 2013, 116, 1103-1115.	2.2	71
3	Analysis of Variance of Communication Latencies in Anesthesia. Anesthesia and Analgesia, 2011, 113, 888-896.	2.2	67
4	Monte Carlo EM Estimation for Time Series Models Involving Counts. Journal of the American Statistical Association, 1995, 90, 242.	3.1	50
5	State-Space Analysis of Wildlife Telemetry Data. Journal of the American Statistical Association, 1991, 86, 596-602.	3.1	46
6	Parsimony and Its Importance in Time Series Forecasting. Technometrics, 1981, 23, 411-414.	1.9	44
7	Influence of Provider Type (Nurse Anesthetist or Resident Physician), Staff Assignments, and Other Covariates on Daily Evaluations of Anesthesiologists's Quality of Supervision. Anesthesia and Analgesia, 2014, 119, 670-678.	2.2	37
8	Bernoulli Cumulative Sum (CUSUM) Control Charts for Monitoring of Anesthesiologists's Performance in Supervising Anesthesia Residents and Nurse Anesthetists. Anesthesia and Analgesia, 2014, 119, 679-685.	2.2	35
9	Some comments on the initialization of exponential smoothing. Journal of Forecasting, 1984, 3, 79-84.	2.8	34
10	A new nonparametric quality control technique. Communications in Statistics Part B: Simulation and Computation, 1992, 21, 423-443.	1.2	34
11	Importance of Appropriately Modeling Procedure and Duration in Logistic Regression Studies of Perioperative Morbidity and Mortality. Anesthesia and Analgesia, 2011, 113, 1197-1201.	2.2	32
12	Credibility Models with Time-Varying Trend Components. ASTIN Bulletin, 1991, 21, 73-91.	1.0	30
13	Control Chart Monitoring of the Numbers of Cases Waiting When Anesthesiologists Do Not Bring in Members of Call Team. Anesthesia and Analgesia, 2010, 111, 196-203.	2.2	29
14	Peripapillary Retinal Pigment Epithelium Layer Shape Changes From Acetazolamide Treatment in the Idiopathic Intracranial Hypertension Treatment Trial. , 2017, 58, 2554.		29
15	Projects in Introductory Statistics Courses. American Statistician, 1995, 49, 364-367.	1.6	28
16	Evaluating the Impact of the 65 mph Maximum Speed Limit on Iowa Rural Interstates. American Statistician, 1996, 50, 79-85.	1.6	28
17	Pupillary response abnormalities in depressive disorders. Psychiatry Research, 2016, 246, 492-499.	3.3	27
18	Focus on Data: Statistical Design of Experiments and Sample Size Selection Using Power Analysis. , 2020, 61, 11.		26

#	ARTICLE	IF	CITATIONS
19	Analysis of Multi-Unit Variance Components Models with State Space Profiles. <i>Annals of the Institute of Statistical Mathematics</i> , 1998, 50, 147-164.	0.8	23
20	Operating Room Anesthesia Subspecialization Is Not Associated With Significantly Greater Quality of Supervision of Anesthesia Residents and Nurse Anesthetists. <i>Anesthesia and Analgesia</i> , 2017, 124, 1253-1260.	2.2	18
21	Measurement of faculty anesthesiologists' quality of clinical supervision has greater reliability when controlling for the leniency of the rating anesthesia resident: a retrospective cohort study. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 643-655.	1.6	16
22	Analysis of Interventions Influencing or Reducing Patient Waiting While Stratifying by Surgical Procedure. <i>Anesthesia and Analgesia</i> , 2011, 112, 950-957.	2.2	14
23	Importance of operating room case scheduling on analyses of observed reductions in surgical site infections from the purchase and installation of capital equipment in operating rooms. <i>American Journal of Infection Control</i> , 2020, 48, 566-572.	2.3	14
24	Validity of using a work habits scale for the daily evaluation of nurse anesthetists' clinical performance while controlling for the leniencies of the rating anesthesiologists. <i>Journal of Clinical Anesthesia</i> , 2017, 42, 63-68.	1.6	13
25	Interchangeability of counts of cases and hours of cases for quantifying a hospital's change in workload among four-week periods of 1 year. <i>Journal of Clinical Anesthesia</i> , 2018, 49, 118-125.	1.6	12
26	State-Space Analysis of Wildlife Telemetry Data. <i>Journal of the American Statistical Association</i> , 1991, 86, 596.	3.1	12
27	Analysis of many short time sequences: Forecast improvements achieved by shrinkage. <i>Journal of Forecasting</i> , 1993, 12, 1-11.	2.8	10
28	Forecasting Simultaneously High-Dimensional Time Series: A Robust Model-Based Clustering Approach. <i>Journal of Forecasting</i> , 2013, 32, 673-684.	2.8	10
29	Smoothing Time Series with Local Polynomial Regression on Time. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 959-971.	1.0	9
30	Sample sizes for surveillance of <i>S. aureus</i> transmission to monitor effectiveness and provide feedback on intraoperative infection control including for COVID-19. <i>Perioperative Care and Operating Room Management</i> , 2020, 20, 100115.	0.3	9
31	Parsimony and Its Importance in Time Series Forecasting. <i>Technometrics</i> , 1981, 23, 411.	1.9	9
32	Nurse anesthetists' preferences for anesthesiologists' participation in patient care at a large teaching hospital. <i>Journal of Clinical Anesthesia</i> , 2019, 57, 131-138.	1.6	8
33	Circumferential trabecular meshwork cell density in the human eye. <i>Experimental Eye Research</i> , 2021, 205, 108494.	2.6	8
34	A Case Study in Design of Experiments: Improving the Manufacture of Viscose Fiber. <i>Quality Engineering</i> , 2002, 15, 311-322.	1.1	7
35	Does Testing More Frequently Shorten the Time to Detect Disease Progression?. <i>Translational Vision Science and Technology</i> , 2017, 6, 1.	2.2	5
36	Estimation Bias in the First-Order Autoregressive Model and Its Impact on Predictions and Prediction Intervals. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2009, 38, 771-787.	1.2	4

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37	Sample times for surveillance of <i>S. aureus</i> transmission to monitor effectiveness and provide feedback on intraoperative infection control. <i>Perioperative Care and Operating Room Management</i> , 2020, 21, 100137.	0.3	4
38	Association between leniency of anesthesiologists when evaluating certified registered nurse anesthetists and when evaluating didactic lectures. <i>Health Care Management Science</i> , 2020, 23, 640-648.	2.6	4
39	Sex-Specific Differences in Endothelial Function Are Driven by Divergent Mitochondrial Calcium Handling. <i>Journal of the American Heart Association</i> , 2022, 11, .	3.7	4
40	Futility of Cluster Designs at Individual Hospitals to Study Surgical Site Infections and Interventions Involving the Installation of Capital Equipment in Operating Rooms. <i>Journal of Medical Systems</i> , 2020, 44, 82.	3.6	3
41	Forecast efficiency of systematically sampled time series. <i>Communications in Statistics - Theory and Methods</i> , 1982, 11, 2857-2868.	1.0	2
42	On the reciprocity of connections in weighted and unweighted networks. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 5728-5737.	1.0	2
43	Decision models for distinguishing between clinically insignificant and significant tumors in prostate cancer biopsies: an application of Bayes's Theorem to reduce costs and improve outcomes. <i>Health Care Management Science</i> , 2020, 23, 102-116.	2.6	2
44	Random-coefficients hidden-Markov Poisson regression models for inferring a competitor's promotion strategy. <i>Applied Stochastic Models in Business and Industry</i> , 2007, 23, 293-305.	1.5	1
45	A note on transfer function model specification with noisy closed-loop input data. <i>Applied Stochastic Models in Business and Industry</i> , 2010, 26, 473-480.	1.5	1
46	Detecting the Progression of Eye Disease: CUSUM Charts for Assessing the Visual Field and Retinal Nerve Fiber Layer Thickness. <i>Translational Vision Science and Technology</i> , 2013, 2, 2.	2.2	1
47	In reply: Clinical supervision: what does it mean to be better?. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 1273-1274.	1.6	1
48	On the Detection of Contemporaneous Relationships Among Multiple Time Series. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2009, 39, 137-156.	1.2	0
49	A case study in text mining: Textual analysis of the Territorial Papers. <i>Digital Scholarship in the Humanities</i> , 0, , .	0.7	0
50	Focus on Data: Statistical Significance, Effect Size and the Accumulation of Evidence Achieved by Combining Study Results Through Meta-analysis. , 2020, 61, 32.		0