Jonathan S Schildcrout

List of Publications by Year
in descending order

96 papers	4,045 citations	126907 33 h-index	128289 60 g-index
98 all docs	98 docs citations	98 times ranked	6521 citing authors

#	Article	IF	Citations
1	Generalized case–control sampling under generalized linear models. Biometrics, 2023, 79, 332-343.	1.4	1
2	Design and Analysis of Two-Phase Studies with Multivariate Longitudinal Data. Biometrics, 2023, 79, 1420-1432.	1.4	1
3	Perioperative oxidative stress predicts subsequent pain-related outcomes in the 6 months after total knee arthroplasty. Pain, 2023, 164, 111-118.	4.2	3
4	Model–assisted analyses of longitudinal, ordinal outcomes with absorbing states. Statistics in Medicine, 2022, , .	1.6	1
5	Preoperative Predictors of Complex Regional Pain Syndrome Outcomes in the 6 Months Following Total Knee Arthroplasty. Journal of Pain, 2022, 23, 1712-1723.	1.4	13
6	Perioperative Oxidative Stress Prospectively Predicts CRPS-Related Outcomes in the 6 months Following Total Knee Arthroplasty. Journal of Pain, 2022, 23, 2.	1.4	0
7	Frequency of benign neutropenia among Black versus White individuals undergoing a bone marrow assessment. Journal of Cellular and Molecular Medicine, 2022, 26, 3628-3635.	3.6	5
8	Should We Implement Geographic or Patient-Reported Social Determinants of Health Measures in Cardiovascular Patients?. Ethnicity and Disease, 2021, 31, 9-22.	2.3	10
9	Two–wave two–phase outcome–dependent sampling designs, with applications to longitudinal binary data. Statistics in Medicine, 2021, 40, 1863-1876.	1.6	5
10	Opportunity for Genotype–Guided Prescribing Among Adult Patients in 11 US Health Systems. Clinical Pharmacology and Therapeutics, 2021, 110, 179-188.	4.7	35
11	Disparities in Research Participation by Level of Health Literacy. Mayo Clinic Proceedings, 2021, 96, 314-321.	3.0	21
12	Comparison of Decision Modeling Approaches for Health Technology and Policy Evaluation. Medical Decision Making, 2021, 41, 453-464.	2.4	10
13	A Health-Literacy Intervention for Early Childhood Obesity Prevention: A Cluster-Randomized Controlled Trial. Pediatrics, 2021, 147, .	2.1	14
14	Association Between a Common, Benign Genotype and Unnecessary Bone Marrow Biopsies Among African American Patients. JAMA Internal Medicine, 2021, 181, 1100.	5.1	18
15	Survey design and analysis considerations when utilizing misclassified sampling strata. BMC Medical Research Methodology, 2021, 21, 145.	3.1	1
16	Fitting marginal models in small samples: A simulation study of marginalized multilevel models and generalized estimating equations. Statistics in Medicine, 2021, 40, 5298-5312.	1.6	2
17	Two-Phase, Generalized Case-Control Designs for the Study of Quantitative Longitudinal Outcomes. American Journal of Epidemiology, 2020, 189, 81-90.	3.4	6
18	Outcome-Dependent Sampling in Cluster-Correlated Data Settings with Application to Hospital Profiling. Journal of the Royal Statistical Society Series A: Statistics in Society, 2020, 183, 379-402.	1.1	5

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19	Methodological Issues in Population-Based Studies of Multigenerational Associations. American Journal of Epidemiology, 2020, 189, 1600-1609.	3.4	5
20	The Partnership to Improve Diabetes Education Trial: a Cluster Randomized Trial Addressing Health Communication in Diabetes Care. Journal of General Internal Medicine, 2020, 35, 1052-1059.	2.6	5
21	Prescribing Prevalence of Medications With Potential Genotype-Guided Dosing in Pediatric Patients. JAMA Network Open, 2020, 3, e2029411.	5.9	34
22	Factors associated with antidepressant use among low-income racially and ethnically diverse patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2019, 33, 107405.	2.3	4
23	A Decision-Theoretic Approach to Panel-Based, Preemptive Genotyping. MDM Policy and Practice, 2019, 4, 238146831986433.	0.9	10
24	Pathway analysis of a genome-wide gene by air pollution interaction study in asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 539-547.	3.9	13
25	Opioid Prescriptions at Hospital Discharge Are Associated With More Postdischarge Healthcare Utilization. Journal of the American Heart Association, 2019, 8, e010664.	3.7	8
26	Provider Networks in the Neonatal Intensive Care Unit Associate with Length of Stay. , 2019, 2019, 127-134.		10
27	Enrichment sampling for a multi-site patient survey using electronic health records and census data. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 219-227.	4.4	4
28	Likelihood-based analysis of outcome-dependent sampling designs with longitudinal data. Statistics in Medicine, 2018, 37, 2120-2133.	1.6	3
29	Outcome-related, Auxiliary Variable Sampling Designs for Longitudinal Binary Data. Epidemiology, 2018, 29, 58-66.	2.7	4
30	Extending the Case–Control Design to Longitudinal Data. Epidemiology, 2018, 29, 67-75.	2.7	17
31	Health Literacy and 1-Year Mortality: Mechanisms of Association in Adults Hospitalized for Cardiovascular Disease. Mayo Clinic Proceedings, 2018, 93, 1728-1738.	3.0	26
32	Parents' attitudes toward consent and data sharing in biobanks: A multisite experimental survey. AJOB Empirical Bioethics, 2018, 9, 128-142.	1.6	25
33	Numeracy, Health Literacy, Cognition, and 30-Day Readmissions among Patients with Heart Failure. Journal of Hospital Medicine, 2018, 13, 145-151.	1.4	26
34	Public Attitudes toward Consent and Data Sharing in Biobank Research: A Large Multi-site Experimental Survey in the US. American Journal of Human Genetics, 2017, 100, 414-427.	6.2	172
35	On the Potential of Preemptive Genotyping Towards Preventing Medication-Related Adverse Events: Results from the South Korean National Health Insurance Database. Drug Safety, 2017, 40, 1-2.	3.2	12
36	Preparedness for hospital discharge and prediction of readmission. Journal of Hospital Medicine, 2016, 11, 603-609.	1.4	44

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37	A Multimodal Intervention Improves Postanesthesia Care Unit Handovers. Survey of Anesthesiology, 2016, 60, 83.	0.1	1
38	Perceptions of Provider Communication Among Vulnerable Patients With Diabetes: Influences of Medical Mistrust and Health Literacy. Journal of Health Communication, 2016, 21, 127-134.	2.4	51
39	Perceived health competence predicts health behavior and health-related quality of life in patients with cardiovascular disease. Patient Education and Counseling, 2016, 99, 2071-2079.	2.2	36
40	Conducting a large, multi-site survey about patients' views on broad consent: challenges and solutions. BMC Medical Research Methodology, 2016, 16, 162.	3.1	9
41	A prognostic model based on readily available clinical data enriched aÂpre-emptive pharmacogenetic testing program. Journal of Clinical Epidemiology, 2016, 72, 107-115.	5.0	16
42	High-Dose Perioperative Atorvastatin and Acute Kidney Injury Following Cardiac Surgery. JAMA - Journal of the American Medical Association, 2016, 315, 877.	7.4	200
43	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. Journal of Allergy and Clinical Immunology, 2016, 137, 390-399.	2.9	119
44	Biased sampling designs to improve research efficiency: Factors influencing pulmonary function over time in children with asthma. Annals of Applied Statistics, 2015, 9, 731-753.	1.1	13
45	Supervising Anesthesiologists Cannot Be Effectively Compared According to Their Patients' Postanesthesia Care Unit Admission Pain Scores. Anesthesia and Analgesia, 2015, 120, 923-932.	2.2	23
46	A Multimodal Intervention Improves Postanesthesia Care Unit Handovers. Anesthesia and Analgesia, 2015, 121, 957-971.	2.2	64
47	Medication Nonadherence Before Hospitalization for Acute Cardiac Events. Journal of Health Communication, 2015, 20, 34-42.	2.4	38
48	Development of a multivariable model to predict vulnerability in older American patients hospitalised with cardiovascular disease. BMJ Open, 2015, 5, e008122.	1.9	13
49	Effect of Health Literacy on Research Follow-Up. Journal of Health Communication, 2015, 20, 83-91.	2.4	13
50	Common SCN10A variants modulate PR interval and heart rate response during atrial fibrillation. Europace, 2014, 16, 485-490.	1.7	24
51	Biobanks and Electronic Medical Records: Enabling Cost-Effective Research. Science Translational Medicine, 2014, 6, 234cm3.	12.4	118
52	Determinants of health after hospital discharge: rationale and design of the Vanderbilt Inpatient Cohort Study (VICS). BMC Health Services Research, 2014, 14, 10.	2.2	55
53	Characteristics Associated With Postdischarge Medication Errors. Mayo Clinic Proceedings, 2014, 89, 1042-1051.	3.0	61
54	We work with them? Healthcare workers interpretation of organizational relations mined from electronic health records. International Journal of Medical Informatics, 2014, 83, 495-506.	3.3	23

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55	Etomidate Use and Postoperative Outcomes among Cardiac Surgery Patients. Anesthesiology, 2014, 120, 579-589.	2.5	37
56	In Reply. Anesthesiology, 2014, 121, 1128-1130.	2.5	0
57	Duration of Upper and Lower Extremity Peripheral Nerve Blockade Is Prolonged with Dexamethasone When Added to Ropivacaine: A Retrospective Database Analysis. Pain Medicine, 2013, 14, 1239-1247.	1.9	46
58	Genome- and Phenome-Wide Analyses of Cardiac Conduction Identifies Markers of Arrhythmia Risk. Circulation, 2013, 127, 1377-1385.	1.6	167
59	The Pharmacogenomics Research Network Translational Pharmacogenetics Program: Overcoming Challenges of Real-World Implementation. Clinical Pharmacology and Therapeutics, 2013, 94, 207-210.	4.7	164
60	Electronic health record design and implementation for pharmacogenomics: a local perspective. Genetics in Medicine, 2013, 15, 833-841.	2.4	87
61	Comparison of Expert and Novice Performance of a Simulated Transesophageal Echocardiography Examination. Simulation in Healthcare, 2013, 8, 329-334.	1.2	22
62	Improving Needle Visualization by Novice Residents During an In-Plane Ultrasound Nerve Block Simulation Using an In-Plane Multiangle Needle Guide. Pain Medicine, 2013, 14, 1600-1607.	1.9	19
63	Outcome Vector Dependent Sampling with Longitudinal Continuous Response Data: Stratified Sampling Based on Summary Statistics. Biometrics, 2013, 69, 405-416.	1.4	17
64	An Analysis of Risk Factors for Patient Complaints About Ambulatory Anesthesiology Care. Anesthesia and Analgesia, 2013, 116, 1325-1332.	2.2	43
65	A two-stage strategy to accommodate general patterns of confounding in the design of observational studies. Biostatistics, 2012, 13, 274-288.	1.5	8
66	Risk of Burnout in Perioperative Clinicians. Survey of Anesthesiology, 2012, 56, 59.	0.1	4
67	Obesity and Oxidative Stress Predict AKI after Cardiac Surgery. Journal of the American Society of Nephrology: JASN, 2012, 23, 1221-1228.	6.1	137
68	Detecting Adverse Drug Reactions Using Inpatient Medication Orders and Laboratory Tests Data. , 2012, , .		1
69	Estimating Baseline Kidney Function in Hospitalized Patients with Impaired Kidney Function. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 712-719.	4.5	215
70	Outcome–dependent sampling for longitudinal binary response data based on a time–varying auxiliary variable. Statistics in Medicine, 2012, 31, 2441-2456.	1.6	12
71	Predicting warfarin dosage in European–Americans and African–Americans using DNA samples linked to an electronic health record. Pharmacogenomics, 2012, 13, 407-418.	1.3	90
72	The Impact of Peripheral Nerve Techniques on Hospital Stay Following Major Orthopedic Surgery. Pain Medicine, 2012, 13, 828-834.	1.9	38

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73	Modulators of normal electrocardiographic intervals identified in a large electronic medical record. Heart Rhythm, 2011, 8, 271-277.	0.7	52
74	Outcome-Dependent Sampling from Existing Cohorts with Longitudinal Binary Response Data: Study Planning and Analysis. Biometrics, 2011, 67, 1583-1593.	1.4	9
75	Analyses of longitudinal, hospital clinical laboratory data with application to blood glucose concentrations. Statistics in Medicine, 2011, 30, 3208-3220.	1.6	9
76	Selective Local Anesthetic Placement Using Ultrasound Guidance and Neurostimulation for Infraclavicular Brachial Plexus Block. Anesthesia and Analgesia, 2010, 110, 1480-1485.	2.2	34
77	A Computerized Provider Order Entry Intervention for Medication Safety During Acute Kidney Injury: A Quality Improvement Report. American Journal of Kidney Diseases, 2010, 56, 832-841.	1.9	107
78	An analytical approach to characterize morbidity profile dissimilarity between distinct cohorts using electronic medical records. Journal of Biomedical Informatics, 2010, 43, 914-923.	4.3	25
79	Longitudinal Studies of Binary Response Data Following Case–Control and Stratified Case–Control Sampling: Design and Analysis. Biometrics, 2010, 66, 365-373.	1.4	24
80	Identification of Genomic Predictors of Atrioventricular Conduction. Circulation, 2010, 122, 2016-2021.	1.6	117
81	Improving actual handover behavior with a simulation-based training intervention. Proceedings of the Human Factors and Ergonomics Society, 2010, 54, 957-961.	0.3	9
82	Intraoperative Risk Factors for Acute Respiratory Distress Syndrome in Critically Ill Patients. Anesthesia and Analgesia, 2010, 111, 464-467.	2.2	60
83	Development of Inpatient Risk Stratification Models of Acute Kidney Injury for Use in Electronic Health Records. Medical Decision Making, 2010, 30, 639-650.	2.4	80
84	Factors Influencing the Statistical Power of Complex Data Analysis Protocols for Molecular Signature Development from Microarray Data. PLoS ONE, 2009, 4, e4922.	2.5	20
85	Regression modelling of correlated data in ecology: subject–specific and population averaged response patterns. Journal of Applied Ecology, 2009, 46, 1018-1025.	4.0	67
86	Analysis of longitudinal laboratory data in the presence of common selection mechanisms: A view toward greater emphasis on pre–marketing pharmaceutical safety. Statistics in Medicine, 2008, 27, 2248-2266.	1.6	3
87	On outcome-dependent sampling designs for longitudinal binary response data with time-varying covariates. Biostatistics, 2008, 9, 735-749.	1.5	30
88	Marginalized Models for Moderate to Long Series of Longitudinal Binary Response Data. Biometrics, 2007, 63, 322-331.	1.4	28
89	Medication Administration Discrepancies Persist Despite Electronic Ordering. Journal of the American Medical Informatics Association: JAMIA, 2007, 14, 756-764.	4.4	45
90	Effect of Particulate Air Pollution on Lung Function in Adult and Pediatric Subjects in a Seattle Panel Study. Chest, 2006, 129, 1614-1622.	0.8	139

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91	Ambient Air Pollution and Asthma Exacerbations in Children: An Eight-City Analysis. American Journal of Epidemiology, 2006, 164, 505-517.	3.4	179
92	In vivo processes in cognitive therapy for depression: Frequency and benefits. Psychotherapy Research, 2005, 15, 366-373.	1.8	44
93	Regression analysis of longitudinal binary data with time-dependent environmental covariates: bias and efficiency. Biostatistics, 2005, 6, 633-652.	1.5	59
94	Effect of Ambient Air Pollution on Pulmonary Exacerbations and Lung Function in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 816-821.	5.6	219
95	Effectiveness of early coronary angioplasty and abciximab for failed thrombolysis (reteplase or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Cardiology, 1999, 84, 779-784.	1.6	74
96	Predicting rodent carcinogenicity from mutagenic potency measured in the Ames Salmonella assay. , 1997, 29, 312-322.		55