Ashley I. Naimi

List of Publications by Year
in descending order

96 papers	2,020 citations	304743 22 h-index	289244 40 g-index
97 all docs	97 docs citations	97 times ranked	2992 citing authors

#	Article	IF	Citations
1	Stacked generalization: an introduction to super learning. European Journal of Epidemiology, 2018, 33, 459-464.	5.7	191
2	An Introduction to G Methods. International Journal of Epidemiology, 2017, 46, dyw323.	1.9	132
3	The Parametric g-Formula for Time-to-event Data. Epidemiology, 2014, 25, 889-897.	2.7	127
4	Constructing Inverse Probability Weights for Continuous Exposures. Epidemiology, 2014, 25, 292-299.	2.7	99
5	Estimating Risk Ratios and Risk Differences Using Regression. American Journal of Epidemiology, 2020, 189, 508-510.	3.4	93
6	Reflection on modern methods: demystifying robust standard errors for epidemiologists. International Journal of Epidemiology, 2021, 50, 346-351.	1.9	88
7	Extreme Heat and Risk of Early Delivery Among Preterm and Term Pregnancies. Epidemiology, 2014, 25, 344-350.	2.7	81
8	Mediation Analysis for Health Disparities Research. American Journal of Epidemiology, 2016, 184, 315-324.	3.4	73
9	Mediation misgivings: ambiguous clinical and public health interpretations of natural direct and indirect effects. International Journal of Epidemiology, 2014, 43, 1656-1661.	1.9	69
10	Analysis of Occupational Asbestos Exposure and Lung Cancer Mortality Using the G Formula. American Journal of Epidemiology, 2013, 177, 989-996.	3.4	49
11	Human Chorionic Gonadotropin Partially Mediates Phthalate Association With Male and Female Anogenital Distance. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1216-E1224.	3.6	47
12	Secular Trends in Preeclampsia Incidence and Outcomes in a Large Canada Database: A Longitudinal Study Over 24 Years. Canadian Journal of Cardiology, 2016, 32, 987.e15-987.e23.	1.7	47
13	Altered mitochondrial regulation in quadriceps muscles of patients with COPD. Clinical Physiology and Functional Imaging, 2010, 31, no-no.	1.2	35
14	Causal Inference in Occupational Epidemiology: Accounting for the Healthy Worker Effect by Using Structural Nested Models. American Journal of Epidemiology, 2013, 178, 1681-1686.	3.4	33
15	Preconception Blood Pressure Levels and Reproductive Outcomes in a Prospective Cohort of Women Attempting Pregnancy. Hypertension, 2018, 71, 904-910.	2.7	32
16	Machine learning as a strategy to account for dietary synergy: an illustration based on dietary intake and adverse pregnancy outcomes. American Journal of Clinical Nutrition, 2020, 111, 1235-1243.	4.7	32
17	Teaching yourself about structural racism will improve your machine learning. Biostatistics, 2020, 21, 339-344.	1.5	31
18	Challenges in Obtaining Valid Causal Effect Estimates With Machine Learning Algorithms. American Journal of Epidemiology, 2023, 192, 1536-1544.	3.4	30

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19	Estimating the Effect of Cumulative Occupational Asbestos Exposure on Time to Lung Cancer Mortality. Epidemiology, 2014, 25, 246-254.	2.7	27
20	Machine Learning for Fetal Growth Prediction. Epidemiology, 2018, 29, 290-298.	2.7	27
21	Stochastic Mediation Contrasts in Epidemiologic Research: Interpregnancy Interval and the Educational Disparity in Preterm Delivery. American Journal of Epidemiology, 2014, 180, 436-445.	3.4	26
22	Associations between Area-Level Unemployment, Body Mass Index, and Risk Factors for Cardiovascular Disease in an Urban Area. International Journal of Environmental Research and Public Health, 2009, 6, 3082-3096.	2.6	23
23	A multistate framework for the analysis of subsequent injury in sport (<scp>Mâ€FASIS</scp>). Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 128-139.	2.9	23
24	The Role of Preterm Birth in the Association Between Opioid Maintenance Therapy and Neonatal Abstinence Syndrome. Paediatric and Perinatal Epidemiology, 2018, 32, 213-222.	1.7	23
25	Things Donâ€™t Always Go as Expected: The Example of Nondifferential Misclassification of Exposureâ€”Bias and Error. American Journal of Epidemiology, 2020, 189, 365-368.	3.4	23
26	A Comparison of Methods to Estimate the Hazard Ratio Under Conditions of Time-varying Confounding and Nonpositivity. Epidemiology, 2011, 22, 718-723.	2.7	21
27	Counterfactual Theory in Social Epidemiology: Reconciling Analysis and Action for the Social Determinants of Health. Current Epidemiology Reports, 2015, 2, 52-60.	2.4	21
28	Team-based versus traditional primary care models and short-term outcomes after hospital discharge. Cmaj, 2017, 189, E585-E593.	2.0	21
29	Analysis of â€˜sensitiveâ€™ periods of fetal and child growth. International Journal of Epidemiology, 2019, 48, 116-123.	1.9	21
30	Assessing the component associations of the healthy worker survivor bias: occupational asbestos exposure and lung cancer mortality. Annals of Epidemiology, 2013, 23, 334-341.	1.9	20
31	Effects of Hypothetical Interventions on Ischemic Stroke Using Parametric G-Formula. Stroke, 2019, 50, 3286-3288.	2.0	20
32	The Implications of Using Lagged and Baseline Exposure Terms in Longitudinal Causal and Regression Models. American Journal of Epidemiology, 2019, 188, 753-759.	3.4	19
33	Fetuses-at-risk, to avoid paradoxical associations at early gestational ages: extension to preterm infant mortality. International Journal of Epidemiology, 2014, 43, 1154-1162.	1.9	18
34	The Effect of Preconception-Initiated Low-Dose Aspirin on Human Chorionic Gonadotropinâ€"Detected Pregnancy, Pregnancy Loss, and Live Birth. Annals of Internal Medicine, 2021, 174, 595-601.	3.9	18
35	On wagging tales about causal inference. International Journal of Epidemiology, 2017, 46, 1340-1342.	1.9	17
36	Optimal Timing of Physician Visits after Hospital Discharge to Reduce Readmission. Health Services Research, 2018, 53, 4682-4703.	2.0	17

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37	*AIPW*: An R Package for Augmented Inverse Probability–Weighted Estimation of Average Causal Effects. American Journal of Epidemiology, 2021, 190, 2690-2699.	3.4	17
38	Assessing the Relationship Between Hazard Mitigation Plan Quality and Rural Status in a Cohort of 57 Counties from 3 States in the Southeastern U.S.. Challenges, 2012, 3, 183-193.	1.7	16
39	The Impact of Computing Interpregnancy Intervals Without Accounting for Intervening Pregnancy Events. Paediatric and Perinatal Epidemiology, 2018, 32, 141-148.	1.7	15
40	Child maltreatment as a social determinant of midlife health-related quality of life in women: do psychosocial factors explain this association?. Quality of Life Research, 2018, 27, 3243-3254.	3.1	14
41	Prevalence and predictors of burnout among obstetrics and gynecology residents in Canada. Gynecological Surgery, 2016, 13, 323-327.	0.9	13
42	Commentary. Epidemiology, 2016, 27, 843-847.	2.7	13
43	Causal Inference in the Face of Competing Events. Current Epidemiology Reports, 2020, 7, 125-131.	2.4	11
44	Hidden Imputations and the Kaplan-Meier Estimator. American Journal of Epidemiology, 2020, 189, 1408-1411.	3.4	11
45	Association of Overweight and Obesity Development Between Pregnancies With Stillbirth and Infant Mortality in a Cohort of Multiparous Women. Obstetrics and Gynecology, 2020, 135, 634-643.	2.4	11
46	Methodological challenges in studying the causal determinants of child growth. International Journal of Epidemiology, 2016, 45, dyw090.	1.9	10
47	Invited Commentary: Boundless Science—Putting Natural Direct and Indirect Effects in a Clearer Empirical Context: Figure 1.. American Journal of Epidemiology, 2015, 182, 109-114.	3.4	9
48	Delivery at Term: Impact of University Education by Week of Gestation. Journal of Obstetrics and Gynaecology Canada, 2016, 38, 118-124.	0.7	9
49	Three alternative methods to resolve paradoxical associations of exposures before term. European Journal of Epidemiology, 2016, 31, 1011-1019.	5.7	9
50	Can Confidence Intervals Be Interpreted?. American Journal of Epidemiology, 2020, 189, 631-633.	3.4	8
51	Mediation considerations: serum potassium and the racial disparity in diabetes risk. American Journal of Clinical Nutrition, 2011, 94, 614-616.	4.7	7
52	Prepregnancy obesity and the racial disparity in infant mortality. Obesity, 2016, 24, 2578-2584.	3.0	7
53	Comparison of Parametric and Nonparametric Estimators for the Association Between Incident Prepregnancy Obesity and Stillbirth in a Population-Based Cohort Study. American Journal of Epidemiology, 2019, 188, 1328-1336.	3.4	7
54	Life-course impact of child maltreatment on midlife health-related quality of life in women: longitudinal mediation analysis for potential pathways. Annals of Epidemiology, 2020, 43, 58-65.	1.9	7

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55	Defining and Identifying Per-protocol Effects in Randomized Trials. Epidemiology, 2020, 31, 692-694.	2.7	7
56	Vaginal bleeding and nausea in early pregnancy as predictors of clinical pregnancy loss. American Journal of Obstetrics and Gynecology, 2020, 223, 570.e1-570.e14.	1.3	7
57	The Feasibility of a Randomized Trial Using a Progressive Exercise Program in Patients with Severe Hip Osteoarthritis. Journal of Musculoskeletal Pain, 2008, 16, 309-317.	0.3	6
58	Stillbirth Rates among Haitians in Canada. Paediatric and Perinatal Epidemiology, 2014, 28, 333-337.	1.7	6
59	Invited Commentary: Estimating Population Impact in the Presence of Competing Events. American Journal of Epidemiology, 2015, 181, 571-574.	3.4	6
60	The Counterfactual Implications of Fundamental Cause Theory. Current Epidemiology Reports, 2016, 3, 92-97.	2.4	6
61	Impact of Food Insecurity on Depressive Symptoms Among HIV–HCV Co-infected People. AIDS and Behavior, 2017, 21, 3464-3472.	2.7	6
62	Differential impact of socioeconomic position across life on oral cancer risk in Kerala, India: An investigation of life course models under a time varying framework. Community Dentistry and Oral Epidemiology, 2018, 46, 592-600.	1.9	6
63	The Impact of Undersampling on the Predictive Performance of Logistic Regression and Machine Learning Algorithms. Epidemiology, 2020, 31, e42-e44.	2.7	6
64	Simulation as a Tool for Teaching and Learning Epidemiologic Methods. American Journal of Epidemiology, 2021, 190, 900-907.	3.4	6
65	The Role of the Natural Course in Causal Analysis. American Journal of Epidemiology, 2022, 191, 341-348.	3.4	6
66	Use of Machine Learning to Estimate the Per-Protocol Effect of Low-Dose Aspirin on Pregnancy Outcomes. JAMA Network Open, 2022, 5, e2143414.	5.9	6
67	Cumulative risk of stillbirth in the presence of competing events. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 1071-1074.	2.3	5
68	Defining, Quantifying, and Interpreting "Noncollapsibility" in Epidemiologic Studies of Measures of "Effect". American Journal of Epidemiology, 2021, 190, 697-700.	3.4	5
69	Incremental Propensity Score Effects for Time-fixed Exposures. Epidemiology, 2021, 32, 202-208.	2.7	5
70	Commentary. Epidemiology, 2015, 26, 27-29.	2.7	4
71	Mediation, interaction, interference for social epidemiology. International Journal of Epidemiology, 2016, 45, dyw279.	1.9	4
72	Team-based innovations in primary care delivery in Quebec and timely physician follow-up after hospital discharge: a population-based cohort study. CMAJ Open, 2017, 5, E28-E35.	2.4	4

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73	Metabolic Syndrome and the Effectiveness of Low-dose Aspirin on Reproductive Outcomes. Epidemiology, 2019, 30, 573-581.	2.7	4
74	Mediation analysis for estimating cardioprotection of longitudinal RAS inhibition beyond lowering blood pressure and albuminuria in type 1 diabetes. Annals of Epidemiology, 2020, 41, 7-13.e1.	1.9	4
75	Can Ensemble Machine Learning Improve the Accuracy of Severe Maternal Morbidity Screening in a Perinatal Database?. Epidemiology, 2022, 33, 95-104.	2.7	4
76	Does weight mediate the effect of smoking on coronary heart disease? Parametric mediational g-formula analysis. PLoS ONE, 2022, 17, e0262403.	2.5	4
77	Obtaining Actionable Inferences from Epidemiologic Actions. Epidemiology, 2019, 30, 243-245.	2.7	3
78	SIMULATION IN PRACTICE: THE BALANCING INTERCEPT. American Journal of Epidemiology, 2021, 190, 1696-1698.	3.4	3
79	Incremental intervention effects in studies with dropout and many timepoints#. Journal of Causal Inference, 2021, 9, 302-344.	1.2	3
80	Use of a Doubly Robust Machine-Learning–Based Approach to Evaluate Body Mass Index as a Modifier of the Association Between Fruit and Vegetable Intake and Preeclampsia. American Journal of Epidemiology, 2022, 191, 1396-1406.	3.4	3
81	Equal Weighting of the Healthy Eating Index–2010 Components May Not be Appropriate for Pregnancy. Journal of Nutrition, 2022, 152, 1886-1894.	2.9	3
82	Semiparametric Adjusted Exposure-Response Curves. Epidemiology, 2014, 25, 919-922.	2.7	2
83	Population-Wide Folic Acid Fortification and Preterm Birth: Testing the Folate Depletion Hypothesis. American Journal of Public Health, 2015, 105, 793-795.	2.7	2
84	Comparison of stillbirth rates by cause among Haitians and non‐Haitians in Canada. International Journal of Gynecology and Obstetrics, 2016, 134, 315-319.	2.3	2
85	Inverse Probability Weights for the Analysis of Polytomous Outcomes. American Journal of Epidemiology, 2018, 187, 1125-1127.	3.4	2
86	Effect of preconception low dose aspirin on pregnancy and live birth according to socioeconomic status: A secondary analysis of a randomized clinical trial. PLoS ONE, 2019, 14, e0200533.	2.5	2
87	Performance Evaluation of Parametric and Nonparametric Methods When Assessing Effect Measure Modification. American Journal of Epidemiology, 2022, 191, 198-207.	3.4	2
88	2014 Articles of the Year, Reviewers of the Year, and Figure of the Year. American Journal of Epidemiology, 2015, 181, 221-222.	3.4	1
89	The Author Responds. Epidemiology, 2017, 28, e50-e51.	2.7	1
90	Effect of Population-Specific Birthweight Curves on Disparities in Perinatal Mortality in Small-for-Gestational Age Pregnancies. American Journal of Perinatology, 2018, 35, 695-702.	1.4	1

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91	Visualization tool of variable selection in bias–variance tradeoff for inverse probability weights. Annals of Epidemiology, 2020, 41, 56-59.	1.9	1
92	Machine learning can improve the development of evidence-based dietary guidelines. Public Health Nutrition, 2022, 25, 2566-2569.	2.2	1
93	Public Health and the Risk Factor: A History of an Uneven Medical Revolution: By William G. Rothstein. American Journal of Epidemiology, 2009, 169, 781-782.	3.4	0
94	Inverse Probability Weighting With Time-varying Confounding and Nonpositivity. Epidemiology, 2012, 23, 179.	2.7	0
95	The Authors Respond to â€œIssues With the Consecutive-Pregnancies Approachâ€. American Journal of Epidemiology, 2019, 188, 1343-1344.	3.4	0
96	Practical Strategies for Mitigating the Unknowable. American Journal of Epidemiology, 2021, , .	3.4	0