

Alexander C Mclain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5017026/publications.pdf>

Version: 2024-02-01

76
papers

1,696
citations

430874

18
h-index

315739

38
g-index

79
all docs

79
docs citations

79
times ranked

2420
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of infertility in the United States as estimated by the current duration approach and a traditional constructed approach. <i>Fertility and Sterility</i> , 2013, 99, 1324-1331.e1.	1.0	562
2	The prevalence of couple infertility in the United States from a male perspective: evidence from a nationally representative sample. <i>Andrology</i> , 2013, 1, 741-748.	3.5	156
3	Estimating infertility prevalence in low-to-middle-income countries: an application of a current duration approach to Demographic and Health Survey data. <i>Human Reproduction</i> , 2017, 32, 1064-1074.	0.9	72
4	Methodology for Establishing a Population-Based Birth Cohort Focusing on Couple Fertility and Children's Development, the <sc>U</sc>pstate <sc>KIDS</sc> Study. <i>Paediatric and Perinatal Epidemiology</i> , 2014, 28, 191-202.	1.7	70
5	Association between use of marijuana and time to pregnancy in men and women: findings from the National Survey of Family Growth. <i>Fertility and Sterility</i> , 2018, 109, 866-871.	1.0	45
6	Maternal Obesity, Gestational Weight Gain, and Asthma in Offspring. <i>Preventing Chronic Disease</i> , 2017, 14, E109.	3.4	42
7	Persistent organochlorine pollutants and menstrual cycle characteristics. <i>Chemosphere</i> , 2011, 85, 1742-1748.	8.2	34
8	Newborn Adipokines and Birth Outcomes. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 317-325.	1.7	33
9	Wheeze and Food Allergies in Children Born via Cesarean Delivery. <i>American Journal of Epidemiology</i> , 2019, 188, 355-362.	3.4	28
10	Preconception stress and the secondary sex ratio: a prospective cohort study. <i>Fertility and Sterility</i> , 2012, 98, 937-941.	1.0	26
11	Impact of parental obesity on neonatal markers of inflammation and immune response. <i>International Journal of Obesity</i> , 2017, 41, 30-37.	3.4	25
12	Maternal Smoking and Newborn Cytokine and Immunoglobulin Levels. <i>Nicotine and Tobacco Research</i> , 2017, 19, ntw324.	2.6	24
13	Eliciting parental support for the use of newborn blood spots for pediatric research. <i>BMC Medical Research Methodology</i> , 2016, 16, 14.	3.1	24
14	Multiple Testing of Composite Null Hypotheses in Heteroscedastic Models. <i>Journal of the American Statistical Association</i> , 2012, 107, 673-687.	3.1	23
15	Determinants of neonatal brain-derived neurotrophic factor and association with child development. <i>Development and Psychopathology</i> , 2017, 29, 1499-1511.	2.3	23
16	Gender, Illness-Related Diabetes Social Support, and Glycemic Control Among Middle-Aged and Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2016, 71, 1081-1088.	3.9	22
17	Development of a national childhood obesogenic environment index in the United States: differences by region and rurality. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 83.	4.6	21
18	Maternal Lipid Change in Relation to Length of Gestation: A Prospective Cohort Study with Preconception Enrollment of Women. <i>Gynecologic and Obstetric Investigation</i> , 2014, 77, 6-13.	1.6	20

#	ARTICLE	IF	CITATIONS
19	Interpregnancy weight change and adverse maternal outcomes: a retrospective cohort study. <i>Annals of Epidemiology</i> , 2017, 27, 632-637.e5.	1.9	19
20	Use of assisted reproductive technology treatment as reported by mothers in comparison with registry data: the Upstate KIDS Study. <i>Fertility and Sterility</i> , 2015, 103, 1461-1468.	1.0	18
21	Which US States Pose the Greatest Threats to Military Readiness and Public Health? Public Health Policy Implications for a Cross-sectional Investigation of Cardiorespiratory Fitness, Body Mass Index, and Injuries Among US Army Recruits. <i>Journal of Public Health Management and Practice</i> , 2019, 25, 36-44.	1.4	18
22	Symptom Management Among Cancer Survivors: Randomized Pilot Intervention Trial of Heart Rate Variability Biofeedback. <i>Applied Psychophysiology Biofeedback</i> , 2020, 45, 99-108.	1.7	17
23	A survival analysis approach to modeling human fecundity. <i>Biostatistics</i> , 2012, 13, 4-17.	1.5	16
24	A Joint Mixed Effects Dispersion Model for Menstrual Cycle Length and Time-to-Pregnancy. <i>Biometrics</i> , 2012, 68, 648-656.	1.4	16
25	Efficient Sieve Maximum Likelihood Estimation of Time-Transformation Models. <i>Journal of Statistical Theory and Practice</i> , 2013, 7, 285-303.	0.5	15
26	A multiple imputation approach for semiparametric cure model with interval censored data. <i>Computational Statistics and Data Analysis</i> , 2016, 99, 105-114.	1.2	15
27	Spatial clustering patterns and regional variations for food and physical activity environments across the United States. <i>International Journal of Environmental Health Research</i> , 2021, 31, 1-15.	2.7	15
28	Semiparametric modeling of grouped current duration data with preferential reporting. <i>Statistics in Medicine</i> , 2014, 33, 3961-3972.	1.6	14
29	Disparities in Diabetes by Education and Race/Ethnicity in the U.S., 1973-2012. <i>American Journal of Preventive Medicine</i> , 2016, 51, 947-957.	3.0	14
30	A dietary pattern based on estrogen metabolism is associated with breast cancer risk in a prospective cohort of postmenopausal women. <i>International Journal of Cancer</i> , 2018, 143, 580-590.	5.1	14
31	Health-related quality of life among adults 65 years and older in the United States, 2011-2012: a multilevel small area estimation approach. <i>Annals of Epidemiology</i> , 2017, 27, 52-58.	1.9	12
32	Comparison of Methods Used to Estimate the Global Burden of Disease Related to Undernutrition and Suboptimal Breastfeeding. <i>Advances in Nutrition</i> , 2019, 10, 380-390.	6.4	12
33	Light-Intensity Physical Activity and Cardiometabolic Risk Among Older Adults With Multiple Chronic Conditions. <i>American Journal of Health Promotion</i> , 2019, 33, 507-515.	1.7	12
34	Nonparametric estimation of the conditional mean residual life function with censored data. <i>Lifetime Data Analysis</i> , 2011, 17, 514-532.	0.9	11
35	Accuracy of self-reported survey data on assisted reproductive technology treatment parameters and reproductive history. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 215, 219.e1-219.e6.	1.3	11
36	Multiple Imputation for Bounded Variables. <i>Psychometrika</i> , 2018, 83, 919-940.	2.1	11

#	ARTICLE	IF	CITATIONS
37	Bayesian nonparametric multiple testing. <i>Computational Statistics and Data Analysis</i> , 2016, 101, 64-79.	1.2	10
38	Modeling Heaped Count Data. <i>The Stata Journal</i> , 2015, 15, 457-479.	2.2	9
39	Estimating county-level tobacco use and exposure in South Carolina: a spatial model-based small area estimation approach. <i>Annals of Epidemiology</i> , 2018, 28, 481-488.e4.	1.9	9
40	Concentrations of immune marker in newborn dried blood spots and early childhood development: Results from the Upstate KIDS Study. <i>Paediatric and Perinatal Epidemiology</i> , 2018, 32, 337-345.	1.7	8
41	Estimates of Childhood Overweight and Obesity at the Region, State, and County Levels: A Multilevel Small-Area Estimation Approach. <i>American Journal of Epidemiology</i> , 2021, 190, 2618-2629.	3.4	8
42	Clustering of fecundability within women. <i>Paediatric and Perinatal Epidemiology</i> , 2011, 25, 460-465.	1.7	7
43	An estrogen-related lifestyle score is associated with risk of postmenopausal breast cancer in the PLCO cohort. <i>Breast Cancer Research and Treatment</i> , 2018, 170, 613-622.	2.5	7
44	Fecundity and Infertility Among Women with Disabilities in the United States. <i>Journal of Women's Health</i> , 2019, 28, 934-940.	3.3	7
45	Socioeconomic Differences in Access to Neighborhood and Network Social Capital and Associations With Body Mass Index Among Black Americans. <i>American Journal of Health Promotion</i> , 2020, 34, 150-160.	1.7	7
46	Linking Activity, Nutrition, and Child Health (LAUNCH): protocol for a longitudinal cohort study of children as they develop from infancy to preschool age. <i>BMC Public Health</i> , 2020, 20, 931.	2.9	7
47	Shift Work Adaptation Among Police Officers: The BCOPS Study. <i>Chronobiology International</i> , 2021, 38, 907-923.	2.0	7
48	Challenges for Estimating the Global Prevalence of Micronutrient Deficiencies and Related Disease Burden: A Case Study of the Global Burden of Disease Study. <i>Current Developments in Nutrition</i> , 2021, 5, nzab141.	0.3	7
49	Estimating time to event characteristics via longitudinal threshold regression models – an application to cervical dilation progression. <i>Statistics in Medicine</i> , 2016, 35, 4368-4379.	1.6	6
50	Small area estimation of county-level U.S. HIV-prevalent cases. <i>Annals of Epidemiology</i> , 2020, 48, 30-35.e9.	1.9	6
51	Gestational weight gain disparities in South Carolina: Temporal trends, 2004–2015. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 37-46.	1.7	6
52	The Association of Cardiorespiratory Fitness and Ideal Cardiovascular Health in the Aerobics Center Longitudinal Study. <i>Journal of Physical Activity and Health</i> , 2019, 16, 968-975.	2.0	6
53	Longitudinal and cross-sectional associations between the dietary inflammatory index and objectively and subjectively measured sleep among police officers. <i>Journal of Sleep Research</i> , 2022, 31, e13543.	3.2	6
54	Modeling longitudinal data with a random change point and no time zero: Applications to inference and prediction of the labor curve. <i>Biometrics</i> , 2014, 70, 1052-1060.	1.4	5

#	ARTICLE	IF	CITATIONS
55	Joint Analysis of Longitudinal and Survival Data Measured on Nested Timescales by Using Shared Parameter Models: An Application to Fecundity Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2015, 64, 339-357.	1.0	5
56	Trends in time-to-pregnancy in the USA: 2002 to 2017. <i>Human Reproduction</i> , 2021, 36, 2331-2338.	0.9	5
57	A Two-Step Approach for Analysis of Nonignorable Missing Outcomes in Longitudinal Regression: an Application to Upstate KIDS Study. <i>Paediatric and Perinatal Epidemiology</i> , 2017, 31, 468-478.	1.7	4
58	An Estrogen-Related Dietary Pattern and Postmenopausal Breast Cancer Risk in a Cohort of Women with a Family History of Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1223-1226.	2.5	4
59	Prediction intervals for penalized longitudinal models with multisource summary measures: An application to childhood malnutrition. <i>Statistics in Medicine</i> , 2019, 38, 1002-1012.	1.6	4
60	Basis for changes in the disease burden estimates related to vitamin A and zinc deficiencies in the 2017 and 2019 Global Burden of Disease Studies. <i>Public Health Nutrition</i> , 2022, 25, 2225-2231.	2.2	4
61	Clustering of retrospectively reported and prospectively observed time-to-pregnancy. <i>Annals of Epidemiology</i> , 2015, 25, 959-963.	1.9	3
62	Estimating covariate-adjusted measures of diagnostic accuracy based on pooled biomarker assessments. <i>Biometrical Journal</i> , 2016, 58, 944-961.	1.0	3
63	A Varying-Coefficient Generalized Odds Rate Model With Time-Varying Exposure: An Application to Fitness and Cardiovascular Disease Mortality. <i>Biometrics</i> , 2019, 75, 853-863.	1.4	3
64	Personal network characteristics and body mass index: the role of education among Black Americans. <i>Journal of Public Health</i> , 2019, 41, 130-137.	1.8	3
65	Semiparametric regression of the illness-death model with interval censored disease incidence time: An application to the ACLS data. <i>Statistical Methods in Medical Research</i> , 2020, 29, 3707-3720.	1.5	3
66	Multiple processes independently predict motor learning. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 151.	4.6	3
67	Association of Patient Experience With Guideline-Concordant Colon Cancer Treatment in the Elderly. <i>JCO Oncology Practice</i> , 2021, 17, e753-e763.	2.9	3
68	Estimating Childhood Stunting and Overweight Trends in the European Region from Sparse Longitudinal Data. <i>Journal of Nutrition</i> , 2022, 152, 1773-1782.	2.9	3
69	Incongruity of youth food and physical activity environments in the United States: Variations by region, rurality, and income. <i>Preventive Medicine</i> , 2021, 148, 106594.	3.4	2
70	Behavioral, Environmental, and Demographic Factors Associated with Objectively Measured Physical Activity in Infants. <i>Childhood Obesity</i> , 2022, 18, 466-475.	1.5	2
71	Modeling fecundity in the presence of a sterile fraction using a semi-parametric transformation model for grouped survival data. <i>Statistical Methods in Medical Research</i> , 2016, 25, 22-36.	1.5	1
72	Re: The Use of Time to Pregnancy for Estimating and Monitoring Human Fecundity From Demographic and Health Surveys. <i>Epidemiology</i> , 2021, 32, e16-e17.	2.7	1

#	ARTICLE	IF	CITATIONS
73	Length-biased semicompeting risks models for cross-sectional data: An application to current duration of pregnancy attempt data. <i>Annals of Applied Statistics</i> , 2021, 15, 1054-1067.	1.1	1
74	Innovative Applications of Shared Random Parameter Models for Analyzing Longitudinal Data Subject to Dropout. <i>Lecture Notes in Statistics</i> , 2013, , 139-156.	0.2	0
75	Social inequalities in accelerated aging among southern U.S. women: an analysis of the biosocial and behavioral pathways linking social determinants to telomere length. <i>Biodemography and Social Biology</i> , 2021, 66, 118-131.	1.0	0
76	Estimating confidence intervals for spatial hierarchical mixed-effects models with post-stratification. <i>Spatial Statistics</i> , 2022, 51, 100670.	1.9	0