

Rachel Carroll

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

630
citations

840119

11
h-index

642321

23
g-index

40
all docs

40
docs citations

40
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Implications for health system resilience: Quantifying the impact of the COVID-19-related stay at home orders on cancer screenings and diagnoses in southeastern North Carolina, USA. <i>Preventive Medicine</i> , 2022, 158, 107010.	1.6	6
2	Examining Mental Health Disorders in Overweight and Obese Pediatric Patients. <i>Journal of Pediatric Health Care</i> , 2022, 36, 507-519.	0.6	1
3	Predicting the Distribution of Penaeid Shrimp Reveals Linkages Between Estuarine and Offshore Marine Habitats. <i>Estuaries and Coasts</i> , 2021, 44, 2265-2278.	1.0	6
4	A systematic review of spatial habitat associations and modeling of marine fish distribution: A guide to predictors, methods, and knowledge gaps. <i>PLoS ONE</i> , 2021, 16, e0251818.	1.1	19
5	Using spatial and temporal modeling to visualize the effects of U.S. state issued stay at home orders on COVID-19. <i>Scientific Reports</i> , 2021, 11, 13939.	1.6	10
6	The Quantitative Examination of the Relationship Between Job Satisfaction and Organization Fit in Athletic Trainers. <i>Journal of Athletic Training</i> , 2021, , .	0.9	0
7	Community vulnerability and mobility: What matters most in spatio-temporal modeling of the COVID-19 pandemic?. <i>Social Science and Medicine</i> , 2021, 287, 114395.	1.8	10
8	Latent classes for chemical mixtures analyses in epidemiology: an example using phthalate and phenol exposure biomarkers in pregnant women. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 149-159.	1.8	11
9	Statistical Analysis of fNIRS Data: Consideration of Spatial Varying Coefficient Model of Prefrontal Cortex Activity Changes During Speech Motor Learning in Apraxia of Speech. <i>Frontiers in Applied Mathematics and Statistics</i> , 2020, 6, .	0.7	2
10	An analysis of hurricane impact across multiple cancers: Accessing spatio-temporal variation in cancer-specific survival with Hurricane Katrina and Louisiana SEER data. <i>Health and Place</i> , 2020, 63, 102326.	1.5	6
11	Air Pollution, Clustering of Particulate Matter Components, and Breast Cancer in the Sister Study: A U.S.-Wide Cohort. <i>Environmental Health Perspectives</i> , 2019, 127, 107002.	2.8	66
12	Metallic Air Pollutants and Breast Cancer Risk in a Nationwide Cohort Study. <i>Epidemiology</i> , 2019, 30, 20-28.	1.2	70
13	Trends in Colorectal Cancer Incidence and Survival in Iowa SEER Data: The Timing of It All. <i>Clinical Colorectal Cancer</i> , 2019, 18, e261-e274.	1.0	13
14	A data-driven approach for estimating the change-points and impact of major events on disease risk. <i>Spatial and Spatio-temporal Epidemiology</i> , 2019, 29, 111-118.	0.9	4
15	Temporally dependent accelerated failure time model for capturing the impact of events that alter survival in disease mapping. <i>Biostatistics</i> , 2019, 20, 666-680.	0.9	6
16	Gaining relevance from the random: Interpreting observed spatial heterogeneity. <i>Spatial and Spatio-temporal Epidemiology</i> , 2018, 25, 11-17.	0.9	4
17	Spatially-dependent Bayesian model selection for disease mapping. <i>Statistical Methods in Medical Research</i> , 2018, 27, 250-268.	0.7	8
18	Zero-inflated multiscale models for aggregated small area health data. <i>Environmetrics</i> , 2018, 29, e2477.	0.6	6

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19	Maternal Plasma Concentrations of Per- and Polyfluoroalkyl Substances and Breastfeeding Duration in the Norwegian Mother and Child Cohort. <i>Environmental Epidemiology</i> , 2018, 2, e027.	1.4	15
20	Urinary trace metals individually and in mixtures in association with preterm birth. <i>Environment International</i> , 2018, 121, 582-590.	4.8	85
21	Space-time variation of respiratory cancers in South Carolina: a flexible multivariate mixture modeling approach to risk estimation. <i>Annals of Epidemiology</i> , 2017, 27, 42-51.	0.9	8
22	Assessment of spatial variation in breast cancer-specific mortality using Louisiana SEER data. <i>Social Science and Medicine</i> , 2017, 193, 1-7.	1.8	20
23	Spatiotemporal multivariate mixture models for Bayesian model selection in disease mapping. <i>Environmetrics</i> , 2017, 28, e2465.	0.6	11
24	Spatial small area smoothing models for handling survey data with nonresponse. <i>Statistics in Medicine</i> , 2017, 36, 3708-3745.	0.8	14
25	Comparing multilevel and multiscale convolution models for small area aggregated health data. <i>Spatial and Spatio-temporal Epidemiology</i> , 2017, 22, 39-49.	0.9	3
26	Disease mapping of zero-excessive mesothelioma data in Flanders. <i>Annals of Epidemiology</i> , 2017, 27, 59-66.e3.	0.9	16
27	Extensions to Multivariate Space Time Mixture Modeling of Small Area Cancer Data. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 503.	1.2	7
28	Methods for Analysis of Pre-Post Data in Clinical Research: A Comparison of Five Common Methods. <i>Journal of Biometrics & Biostatistics</i> , 2017, 08, 1-8.	4.0	96
29	Multiscale modeling approach for hierarchical aligned aggregated small area health data. <i>SIGSPATIAL Special</i> , 2016, 8, 12-19.	2.5	0
30	Spatial mixture multiscale modeling for aggregated health data. <i>Biometrical Journal</i> , 2016, 58, 1091-1112.	0.6	4
31	Multiscale measurement error models for aggregated small area health data. <i>Statistical Methods in Medical Research</i> , 2016, 25, 1201-1223.	0.7	5
32	Spatio-temporal Bayesian model selection for disease mapping. <i>Environmetrics</i> , 2016, 27, 466-478.	0.6	10
33	Bayesian latent structure modeling of walking behavior in a physical activity intervention. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2634-2649.	0.7	2
34	Bayesian model selection methods in modeling small area colon cancer incidence. <i>Annals of Epidemiology</i> , 2016, 26, 43-49.	0.9	5
35	Comparing INLA and OpenBUGS for hierarchical Poisson modeling in disease mapping. <i>Spatial and Spatio-temporal Epidemiology</i> , 2015, 14-15, 45-54.	0.9	64
36	Impact of Income on Small Area Low Birth Weight Incidence Using Multiscale Models. <i>AIMS Public Health</i> , 2015, 2, 667-680.	1.1	5

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37	Spatial Environmental Modeling of Autoantibody Outcomes among an African American Population. International Journal of Environmental Research and Public Health, 2014, 11, 2764-2779.	1.2	5
38	Joint spatial Bayesian modeling for studies combining longitudinal and cross-sectional data. Statistical Methods in Medical Research, 2014, 23, 611-624.	0.7	7