# Cole Brokamp

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2533069/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 65<br>papers | 1,866<br>citations | 257357<br>24<br>h-index | 276775<br>41<br>g-index |
| 67<br>all docs | 67<br>docs citations | 67<br>times ranked | 2835<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Children from disadvantaged neighborhoods experience disproportionate injury from interpersonal violence. Journal of Pediatric Surgery, 2023, 58, 545-551. | 0.8 | 12 |
| 2 | A high resolution spatiotemporal fine particulate matter exposure assessment model for the contiguous United States. Environmental Advances, 2022, 7, 100155. | 2.2 | 6 |
| 3 | Neighborhood Socioeconomic Deprivation and Health Care Utilization of Medically Complex Children. Pediatrics, 2022, 149, . | 1.0 | 2 |
| 4 | Impact of Personal, Subhourly Exposure to Ultrafine Particles on Respiratory Health in Adolescents with Asthma. Annals of the American Thoracic Society, 2022, 19, 1516-1524. | 1.5 | 2 |
| 5 | Residential greenness, asthma, and lung function among children at high risk of allergic sensitization: a prospective cohort study. Environmental Health, 2022, 21, 52. | 1.7 | 12 |
| 6 | P395. Environmental Risk of Psychiatric Disease: A Systematic Review on Air Pollution, Mental Health, and Frontolimbic Brain Regions. Biological Psychiatry, 2022, 91, S247. | 0.7 | 0 |
| 7 | Childhood Asthma Incidence, Early and Persistent Wheeze, and Neighborhood Socioeconomic Factors in the ECHO/CREW Consortium. JAMA Pediatrics, 2022, 176, 759. | 3.3 | 41 |
| 8 | Mental and Physical Stress Responses to Personal Ultrafine Particle Exposure in Adolescents. International Journal of Environmental Research and Public Health, 2022, 19, 7509. | 1.2 | 3 |
| 9 | Proadrenomedullin Predicts Severe Disease in Children With Suspected Community-acquired Pneumonia. Clinical Infectious Diseases, 2021, 73, e524-e530. | 2.9 | 12 |
| 10 | Neighborhood socioeconomic deprivation, racial segregation, and organ donation across 5 states. American Journal of Transplantation, 2021, 21, 1206-1214. | 2.6 | 11 |
| 11 | Lessons and tips for designing a machine learning study using EHR data. Journal of Clinical and Translational Science, 2021, 5, e21. | 0.3 | 18 |
| 12 | A distributed geospatial approach to describe community characteristics for multisite studies. Journal of Clinical and Translational Science, 2021, 5, e86. | 0.3 | 3 |
| 13 | Seasonality, mediation and comparison (SMAC) methods to identify influences on lung function decline. MethodsX, 2021, 8, 101313. | 0.7 | 1 |
| 14 | Source-specific contributions of particulate matter to asthma-related pediatric emergency department utilization. Health Information Science and Systems, 2021, 9, 12. | 3.4 | 2 |
| 15 | Identifying sensitive windows of airborne lead exposure associated with behavioral outcomes at age 12. Environmental Epidemiology, 2021, 5, e144. | 1.4 | 10 |
| 16 | Residential surrounding greenness and self-reported symptoms of anxiety and depression in adolescents. Environmental Research, 2021, 194, 110628. | 3.7 | 37 |
| 17 | Level of Neighborhood Deprivation Predicts Fruit & Vegetable and Sugar-Sweetened Beverage Intake in Children Aged 12â€“24 Months. Current Developments in Nutrition, 2021, 5, 113. | 0.1 | 1 |
| 18 | Seasonal variation of lung function in cystic fibrosis: Longitudinal modeling to compare a Midwest US cohort to international populations. Science of the Total Environment, 2021, 776, 145905. | 3.9 | 2 |

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|---|---|---|---|
| 19 | Voter Participation is Associated with Child Health Outcomes at the Population Level. Journal of Pediatrics, 2021, 235, 277-280. | 0.9 | 4 |
| 20 | Socioeconomic and Racial Disparities in Diabetic Ketoacidosis Admissions in Youth With Type 1 Diabetes. Journal of Hospital Medicine, 2021, 16, 517-523. | 0.7 | 10 |
| 21 | Rheumatic Heart Disease in the United States: Forgotten But Not Gone. Journal of the American Heart Association, 2021, 10, e020992. | 1.6 | 21 |
| 22 | Understanding Pediatric Surgery Cancellation: Geospatial Analysis. Journal of Medical Internet Research, 2021, 23, e26231. | 2.1 | 7 |
| 23 | Rapid cystic fibrosis lung-function decline and in-vitro CFTR modulation. Journal of Cystic Fibrosis, 2021, 20, e69-e71. | 0.3 | 0 |
| 24 | Personal exposure to average weekly ultrafine particles, lung function, and respiratory symptoms in asthmatic and non-asthmatic adolescents. Environment International, 2021, 156, 106740. | 4.8 | 10 |
| 25 | Community Socioeconomic Deprivation and Nonalcoholic Fatty Liver Disease Severity. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 364-370. | 0.9 | 20 |
| 26 | Dynamic predictive probabilities to monitor rapid cystic fibrosis disease progression. Statistics in Medicine, 2020, 39, 740-756. | 0.8 | 15 |
| 27 | Effect of greenness on asthma in children: A systematic review. Public Health Nursing, 2020, 37, 453-460. | 0.7 | 45 |
| 28 | Neighborhood Deprivation Predicts Diet Quality at One Year of Age. Current Developments in Nutrition, 2020, 4, nzaa043_024. | 0.1 | 3 |
| 29 | Subclinical and Overt Newborn Opioid Exposure: Prevalence and First-Year Healthcare Utilization. Journal of Pediatrics, 2020, 222, 52-58.e1. | 0.9 | 5 |
| 30 | Influences of environmental exposures on individuals living with cystic fibrosis. Expert Review of Respiratory Medicine, 2020, 14, 737-748. | 1.0 | 19 |
| 31 | Association Between Neighborhood-level Socioeconomic Deprivation and the Medication Level Variability Index for Children Following Liver Transplantation. Transplantation, 2020, 104, 2346-2353. | 0.5 | 34 |
| 32 | Cystic Fibrosis Point of Personalized Detection (CFPOPD): An Interactive Web Application. JMIR Medical Informatics, 2020, 8, e23530. | 1.3 | 3 |
| 33 | Emergency Medical Services Utilization Is Associated With Community Deprivation in Children. Prehospital Emergency Care, 2019, 23, 225-232. | 1.0 | 18 |
| 34 | Pediatric Psychiatric Emergency Department Utilization and Fine Particulate Matter: A Case-Crossover Study. Environmental Health Perspectives, 2019, 127, 97006. | 2.8 | 41 |
| 35 | Assessing exposure to outdoor air pollution for epidemiological studies: Model-based and personal sampling strategies. Journal of Allergy and Clinical Immunology, 2019, 143, 2002-2006. | 1.5 | 37 |
| 36 | Improving Detection of Rapid Cystic Fibrosis Disease Progressionâ€“Early Translation of a Predictive Algorithm Into a Point-of-Care Tool. IEEE Journal of Translational Engineering in Health and Medicine, 2019, 7, 1-8. | 2.2 | 13 |

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|---|---|---|---|
| 37 | Using high-resolution residential greenspace measures in an urban environment to assess risks of allergy outcomes in children. Science of the Total Environment, 2019, 668, 760-767. | 3.9 | 44 |
| 38 | Neighborhood Poverty and Pediatric Intensive Care Use. Pediatrics, 2019, 144, . | 1.0 | 55 |
| 39 | Validation of the British Thoracic Society Severity Criteria for Pediatric Community-acquired Pneumonia. Pediatric Infectious Disease Journal, 2019, 38, 894-899. | 1.1 | 8 |
| 40 | Residential Greenspace Association with Childhood Behavioral Outcomes. Journal of Pediatrics, 2019, 207, 233-240. | 0.9 | 50 |
| 41 | Material community deprivation and hospital utilization during the first year of life: an urban populationâ€“based cohort study. Annals of Epidemiology, 2019, 30, 37-43. | 0.9 | 107 |
| 42 | Decentralized and reproducible geocoding and characterization of community and environmental exposures for multisite studies. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 309-314. | 2.2 | 67 |
| 43 | Validation of the Pediatric Infectious Diseases Societyâ€“Infectious Diseases Society of America Severity Criteria in Children With Community-Acquired Pneumonia. Clinical Infectious Diseases, 2018, 67, 112-119. | 2.9 | 20 |
| 44 | Predicting Daily Urban Fine Particulate Matter Concentrations Using a Random Forest Model. Environmental Science & Technology, 2018, 52, 4173-4179. | 4.6 | 137 |
| 45 | Pervasive Income-Based Disparities In Inpatient Bed-Day Rates Across Conditions And Subspecialties. Health Affairs, 2018, 37, 551-559. | 2.5 | 33 |
| 46 | DeGAUSS: Decentralized Geomarker Assessment for Multi-Site Studies. Journal of Open Source Software, 2018, 3, 812. | 2.0 | 16 |
| 47 | Association between air pollution and mammographic breast density in the Breast Cancer Surveilance Consortium. Breast Cancer Research, 2017, 19, 36. | 2.2 | 40 |
| 48 | Phenotypes of Rapid Cystic Fibrosis Lung Disease Progression during Adolescence and Young Adulthood. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 471-478. | 2.5 | 43 |
| 49 | Exposure assessment models for elemental components of particulate matter in an urban environment: A comparison of regression and random forest approaches. Atmospheric Environment, 2017, 151, 1-11. | 1.9 | 175 |
| 50 | Parental Snoring and Environmental Pollutants, but Not Aeroallergen Sensitization, Are Associated with Childhood Snoring in a Birth Cohort. Pediatric, Allergy, Immunology, and Pulmonology, 2017, 30, 31-38. | 0.3 | 8 |
| 51 | A comparison of resampling and recursive partitioning methods in random forest for estimating the asymptotic variance using the infinitesimal jackknife. Stat, 2017, 6, 360-372. | 0.3 | 2 |
| 52 | Reliability of Examination Findings in Suspected Community-Acquired Pneumonia. Pediatrics, 2017, 140, . | 1.0 | 42 |
| 53 | Combined sewer overflow events and childhood emergency department visits: A case-crossover study. Science of the Total Environment, 2017, 607-608, 1180-1187. | 3.9 | 28 |
| 54 | Childhood exposure to Libby amphibole asbestos and respiratory health in young adults. Environmental Research, 2017, 158, 470-479. | 3.7 | 4 |

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| 55 | Early detection of rapid cystic fibrosis disease progression tailored to point of care: A proof-of-principle study. , 2017, 2017, 204-207. | | 2 |
| 56 | Indoor air quality in green-renovated vs. non-green low-income homes of children living in a temperate region of US (Ohio). Science of the Total Environment, 2016, 554-555, 178-185. | 3.9 | 69 |
| 57 | Residential mobility impacts exposure assessment and community socioeconomic characteristics in longitudinal epidemiology studies. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 428-434. | 1.8 | 73 |
| 58 | Air pollution, epigenetics, and asthma. Allergy, Asthma and Clinical Immunology, 2016, 12, 51. | 0.9 | 52 |
| 59 | Clinical and Environmental Factors Associated with Habitual Snoring in the Cincinnati Childhood Allergy and Air Pollution Study (CCAAPS). Journal of Allergy and Clinical Immunology, 2016, 137, AB197. | 1.5 | 0 |
| 60 | Does the elemental composition of indoor and outdoor PM2.5 accurately represent the elemental composition of personal PM2.5?. Atmospheric Environment, 2015, 101, 226-234. | 1.9 | 25 |
| 61 | Timing and Duration of Traffic-related Air Pollution Exposure and the Risk for Childhood Wheeze and Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 421-427. | 2.5 | 90 |
| 62 | A field application of a personal sensor for ultrafine particle exposure in children. Science of the Total Environment, 2015, 508, 366-373. | 3.9 | 43 |
| 63 | Probenecid: Novel use as a non-injurious positive inotrope acting via cardiac TRPV2 stimulation. Journal of Molecular and Cellular Cardiology, 2012, 53, 134-144. | 0.9 | 75 |
| 64 | Electrophysiology of Single and Aggregate Cx43 Hemichannels. PLoS ONE, 2012, 7, e47775. | 1.1 | 19 |
| 65 | Coordinated Post-transcriptional Regulation of Hsp70.3 Gene Expression by MicroRNA and Alternative Polyadenylation. Journal of Biological Chemistry, 2011, 286, 29828-29837. | 1.6 | 59 |