Christine Choirat

List of Publications by Year
in descending order

46 papers	2,844 citations	566801 15 h-index	288905 40 g-index
48 all docs	48 docs citations	48 times ranked	3928 citing authors

#	Article	IF	Citations
1	Air Pollution and Mortality in the Medicare Population. New England Journal of Medicine, 2017, 376, 2513-2522.	13.9	1,038
2	Association of Short-term Exposure to Air Pollution With Mortality in Older Adults. JAMA - Journal of the American Medical Association, 2017, 318, 2446.	3.8	449
3	An ensemble-based model of PM2.5 concentration across the contiguous United States with high spatiotemporal resolution. Environment International, 2019, 130, 104909.	4.8	370
4	Assessing NO_2 Concentration and Model Uncertainty with High Spatiotemporal Resolution across the Contiguous United States Using Ensemble Model Averaging. Environmental Science & Technology, 2020, 54, 1372-1384.	4.6	155
5	Readmission Rates After Passage of the Hospital Readmissions Reduction Program. Annals of Internal Medicine, 2017, 166, 324.	2.0	147
6	Short term exposure to fine particulate matter and hospital admission risks and costs in the Medicare population: time stratified, case crossover study. BMJ: British Medical Journal, 2019, 367, l6258.	2.4	137
7	The Analytic Hierarchy Process and the Theory of Measurement. Management Science, 2010, 56, 699-711.	2.4	93
8	Empirical properties of group preference aggregation methods employed in AHP: Theory and evidence. European Journal of Operational Research, 2014, 232, 584-592.	3.5	63
9	Accountability Assessment of Health Improvements in the United States Associated with Reduced Coal Emissions Between 2005 and 2012. Epidemiology, 2019, 30, 477-485.	1.2	33
10	A functional version of the Birkhoff ergodic theorem for a normal integrand: A variational approach. Annals of Probability, 2003, 31, 63.	0.8	32
11	Impact of National Ambient Air Quality Standards Nonattainment Designations on Particulate Pollution and Health. Epidemiology, 2018, 29, 165-174.	1.2	31
12	Adjusting for unmeasured spatial confounding with distance adjusted propensity score matching. Biostatistics, 2019, 20, 256-272.	0.9	29
13	Causal inference in the context of an error prone exposure: Air pollution and mortality. Annals of Applied Statistics, 2019, 13, 520-547.	0.5	27
14	Characterizing population exposure to coal emissions sources in the United States using the HyADS model. Atmospheric Environment, 2019, 203, 271-280.	1.9	24
15	Bayesian methods for multiple mediators: Relating principal stratification and causal mediation in the analysis of power plant emission controls. Annals of Applied Statistics, 2019, 13, 1927-1956.	0.5	19
16	Comparisons of simple and complex methods for quantifying exposure to individual point source air pollution emissions. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 654-663.	1.8	15
17	Disconnectomics of the Rich Club Impacts Motor Recovery After Stroke. Stroke, 2021, 52, 2115-2124.	1.0	14
18	Causal Inference Methods for Estimating Long-Term Health Effects of Air Quality Regulations. Research Report (health Effects Institute), 2016, , 5-49.	1.6	14

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19	Measurement by subjective estimation: Testing for separable representations. Journal of Mathematical Psychology, 2008, 52, 184-201.	1.0	12
20	Computational aspects of Cui-Freeden statistics for equidistribution on the sphere. Mathematics of Computation, 2013, 82, 2137-2156.	1.1	12
21	Change in PM2.5 exposure and mortality among Medicare recipients. Environmental Epidemiology, 2019, 3, e054.	1.4	12
22	Health Effects of Power Plant Emissions Through Ambient Air Quality. Journal of the Royal Statistical Society Series A: Statistics in Society, 2020, 183, 1677-1703.	0.6	12
23	A re-examination of the algebraic properties of the AHP as a ratio-scaling technique. Journal of Mathematical Psychology, 2011, 55, 152-165.	1.0	11
24	COMPARISON OF APPROXIMATIONS FOR COMPOUND POISSON PROCESSES. ASTIN Bulletin, 2015, 45, 601-637.	0.7	10
25	Bootstrap confidence sets for the Aumann mean of a random closed set. Computational Statistics and Data Analysis, 2014, 71, 803-817.	0.7	9
26	Relative Effects of the Hospital Readmissions Reduction Program on Hospitals That Serve Poorer Patients. Medical Care, 2019, 57, 968-976.	1.1	8
27	Embedding Mobile Health Technology into the Nurses' Health Study 3 to Study Behavioral Risk Factors for Cancer. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 736-743.	1.1	8
28	Ergodic theorems for extended real-valued random variables. Stochastic Processes and Their Applications, 2010, 120, 1908-1919.	0.4	7
29	Numerical properties of generalized discrepancies on spheres of arbitrary dimension. Journal of Complexity, 2013, 29, 216-235.	0.7	7
30	Corporate Reputation: Being Good and Looking Good. Business and Society, 2019, 58, 1132-1142.	4.2	7
31	Aggregating data from COVID-19 trials. Science, 2020, 368, 1198-1199.	6.0	7
32	Scenario Approximation of Robust and Chance-Constrained Programs. Journal of Optimization Theory and Applications, 2013, 158, 590-614.	0.8	5
33	Data Science in Environmental Health Research. Current Epidemiology Reports, 2019, 6, 291-299.	1.1	5
34	Statistical properties of generalized discrepancies. Mathematics of Computation, 2008, 77, 421-446.	1.1	4
35	Construct Validity of Unobtrusive Measures of Organizational Ethical Climates. Corporate Reputation Review, 2021, 24, 158-177.	1.1	4
36	Approximation of Stochastic Programming Problems. , 2006, , 45-59.		3

#	ARTICLE	IF	CITATIONS
37	Towards reproducible software studies with MAO and Renku. SoftwareX, 2022, 17, 100947.	1.2	3
38	Econometrics with Python. Journal of Applied Econometrics, 2009, 24, 698-704.	1.3	2
39	Empirical Properties of Group Preference Aggregation Methods Employed in AHP: Theory and Evidence. SSRN Electronic Journal, 0, , .	0.4	1
40	A Nationwide Case-Crossover Study on Air Pollution and Mortality in the Medicare Population. ISEE Conference Abstracts, 2018, 2017, .	0.0	1
41	Causal inference for Evaluating National or Regional Air Quality Interventions. ISEE Conference Abstracts, 2016, 2016, .	0.0	1
42	Machine Learning Approach for Spatially and Temporally Resolved PM2.5 Exposures in the Continental United States. ISEE Conference Abstracts, 2018, 2017, 389.	0.0	1
43	Generalized discrepancies on the sphere. Proceedings in Applied Mathematics and Mechanics, 2007, 7, 2020039-2020040.	0.2	0
44	Comparison of quadrature rules for the Wielandt-NyströÌˆm method with statistical applications. , 2012, , .		0
45	A Marginal Estimate of PM2.5 Effects on Mortality Using Propensity Scores and Exposure Randomization by Moving. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
46	A Spatio-Temporal Prediction Model for Black Carbon Based on Automated Machine Learning. ISEE Conference Abstracts, 2018, 2018, .	0.0	0