Bryan J Hubbell

List of Publications by Year
in descending order

64	21,759	147566 31	118652 62
papers	citations	h-index	g-index

67	67	67	31388
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. Lancet, The, 2012, 380, 2224-2260.	6.3	9,397
2	Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. Lancet, The, 2017, 389, 1907-1918.	6.3	4,187
3	Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990â€“2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet, The, 2015, 386, 2287-2323.	6.3	2,184
4	An Integrated Risk Function for Estimating the Global Burden of Disease Attributable to Ambient Fine Particulate Matter Exposure. Environmental Health Perspectives, 2014, 122, 397-403.	2.8	1,423
5	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9592-9597.	3.3	1,407
6	Estimating the Demand for a New Technology: Bt Cotton and Insecticide Policies. American Journal of Agricultural Economics, 2000, 82, 118-132.	2.4	543
7	Estimating the National Public Health Burden Associated with Exposure to Ambient PM_{2.5} and Ozone. Risk Analysis, 2012, 32, 81-95.	1.5	472
8	Health-Related Benefits of Attaining the 8-Hr Ozone Standard. Environmental Health Perspectives, 2005, 113, 73-82.	2.8	141
9	The influence of location, source, and emission type in estimates of the human health benefits of reducing a ton of air pollution. Air Quality, Atmosphere and Health, 2009, 2, 169-176.	1.5	139
10	The Environmental Benefits Mapping and Analysis ProgramÂâ€“ÂCommunity Edition (BenMAPâ€“CE): A tool to estimate the health and economic benefits of reducing air pollution. Environmental Modelling and Software, 2018, 104, 118-129.	1.9	122
11	An Empirical Bayes Approach to Combining and Comparing Estimates of the Value of a Statistical Life for Environmental Policy Analysis. Environmental and Resource Economics, 2006, 34, 385-406.	1.5	112
12	Expert Judgment Assessment of the Mortality Impact of Changes in Ambient Fine Particulate Matter in the U.S.. Environmental Science & Technology, 2008, 42, 2268-2274.	4.6	112
13	Joint Production and Averting Expenditure Measures of Willingness to Pay: Do Water Expenditures Really Measure Avoidance Costs?. American Journal of Agricultural Economics, 2000, 82, 427-437.	2.4	111
14	A class of non-linear exposure-response models suitable for health impact assessment applicable to large cohort studies of ambient air pollution. Air Quality, Atmosphere and Health, 2016, 9, 961-972.	1.5	106
15	Effect modification of ozone-related mortality risks by temperature in 97 US cities. Environment International, 2014, 73, 128-134.	4.8	81
16	Maximizing Health Benefits and Minimizing Inequality: Incorporating Localâ€Scale Data in the Design and Evaluation of Air Quality Policies. Risk Analysis, 2011, 31, 908-922.	1.5	80
17	Analysis of PM2.5Using the Environmental Benefits Mapping and Analysis Program (BenMAP)âˆ—. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2007, 70, 332-346.	1.1	77
18	Practical Advancement of Multipollutant Scientific and Risk Assessment Approaches for Ambient Air Pollution. Environmental Health Perspectives, 2012, 120, 1238-1242.	2.8	71

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19	Methodological considerations in developing local-scale health impact assessments: balancing national, regional, and local data. Air Quality, Atmosphere and Health, 2009, 2, 99-110.	1.5	68
20	Climate Change-Related Temperature Impacts on Warm Season Heat Mortality: A Proof-of-Concept Methodology Using BenMAP. Environmental Science & Technology, 2011, 45, 1450-1457.	4.6	67
21	A New Method to Jointly Estimate the Mortality Risk of Long-Term Exposure to Fine Particulate Matter and its Components. Scientific Reports, 2016, 6, 18916.	1.6	63
22	The impact of weather changes on air quality and health in the United States in 1994â€“2012. Environmental Research Letters, 2015, 10, 084009.	2.2	62
23	Understanding social and behavioral drivers and impacts of air quality sensor use. Science of the Total Environment, 2018, 621, 886-894.	3.9	60
24	Scaling Up: Citizen Science Engagement and Impacts Beyond the Individual. Citizen Science: Theory and Practice, 2020, 5, 1.	0.6	55
25	A multiâ€“pollutant, riskâ€“based approach to air quality management: Case study for Detroit. Atmospheric Pollution Research, 2010, 1, 296-304.	1.8	52
26	Improving the Linkages between Air Pollution Epidemiology and Quantitative Risk Assessment. Environmental Health Perspectives, 2011, 119, 1671-1675.	2.8	47
27	Smoke Sense Initiative Leverages Citizen Science to Address the Growing Wildfireâ€Related Public Health Problem. GeoHealth, 2019, 3, 443-457.	1.9	40
28	The Environmental Benefits Mapping and Analysis Program - Community Edition (BenMAP-CE): A tool to estimate the health and economic benefits of reducing air pollution. Environmental Modelling and Software, 2018, 104, 118-129.	1.9	39
29	Climate change impacts on projections of excess mortality at 2030 using spatially varying ozoneâ€“temperature risk surfaces. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 118-124.	1.8	37
30	Outdoor Fine Particles and Nonfatal Strokes. Epidemiology, 2014, 25, 835-842.	1.2	35
31	Transgenic crops: Engineering a more sustainable agriculture?. Agriculture and Human Values, 1998, 15, 43-56.	1.7	32
32	Two reduced form air quality modeling techniques for rapidly calculating pollutant mitigation potential across many sources, locations and precursor emission types. Atmospheric Environment, 2014, 98, 283-289.	1.9	31
33	Implementing QALYs in the Analysis of Air Pollution Regulations. Environmental and Resource Economics, 2006, 34, 365-384.	1.5	22
34	Knowing Your Audience: A Typology of Smoke Sense Participants to Inform Wildfire Smoke Health Risk Communication. Frontiers in Public Health, 2020, 8, 143.	1.3	19
35	An Examination of Trends in Geographic Concentration in U.S. Hog Production, 1974â€“96. Journal of Agricultural & Applied Economics, 1998, 30, 285-299.	0.8	18
36	Contract Hog Production and Environmental Management in the Southern United States. Agronomy Journal, 1999, 91, 883-888.	0.9	17

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37	Effects of Insecticide Attributes on Withinâ€Season Insecticide Product and Rate Choices: The Case of U.S. Apple Growers. American Journal of Agricultural Economics, 1998, 80, 382-396.	2.4	14
38	Assessing Temporal and Spatial Patterns of Observed and Predicted Ozone in Multiple Urban Areas. Environmental Health Perspectives, 2016, 124, 1443-1452.	2.8	14
39	GM crops and the pesticide paradigm. Nature Biotechnology, 2002, 20, 548-549.	9.4	13
40	Metaâ€Analysis Methods to Estimate the Shape and Uncertainty in the Association Between Longâ€Term Exposure to Ambient Fine Particulate Matter and Causeâ€Specific Mortality Over the Global Concentration Range. Risk Analysis, 2016, 36, 1813-1825.	1.5	13
41	Characterizing the confluence of air pollution risks in the United States. Air Quality, Atmosphere and Health, 2016, 9, 293-301.	1.5	13
42	Estimating Lifetime Cost of Illness. An Application to Asthma. Annals of the American Thoracic Society, 2020, 17, 1558-1569.	1.5	12
43	Agro-Food System Restructuring and the Geographic Concentration of US Swine Production. Environment and Planning A, 2003, 35, 215-229.	2.1	11
44	On the use of expert judgment to characterize uncertainties in the health benefits of regulatory controls of particulate matter. Environmental Science and Policy, 2010, 13, 434-443.	2.4	11
45	The Aquatic Acidification Index: A New Regulatory Metric Linking Atmospheric and Biogeochemical Models to Assess Potential Aquatic Ecosystem Recovery. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	10
46	Institutional insights on integrating social and environmental science for solutions-driven research. Environmental Science and Policy, 2019, 101, 97-105.	2.4	10
47	On the Effectiveness of state anti-corporate farming laws in the United States. Food Policy, 2001, 26, 543-548.	2.8	9
48	Illuminating Stakeholder Perspectives at the Intersection of Air Quality Health Risk Communication and Cardiac Rehabilitation. International Journal of Environmental Research and Public Health, 2019, 16, 3603.	1.2	7
49	Leveraging risk communication science across US federal agencies. Nature Human Behaviour, 2021, 5, 411-413.	6.2	7
50	Pest Management in the Landscape/Lawn Maintenance Industry: A Factor Analysis. Journal of Production Agriculture, 1997, 10, 331-336.	0.4	6
51	Analysis of alternative pathways for reducing nitrogen oxide emissions. Journal of the Air and Waste Management Association, 2015, 65, 1083-1093.	0.9	6
52	Understanding urban exposure environments: new research directions for informing implementation of U.S. air quality standards. Air Quality, Atmosphere and Health, 2012, 5, 259-267.	1.5	5
53	Meeting Report: Estimating the Benefits of Reducing Hazardous Air Pollutantsâ€"Summary of 2009 Workshop and Future Considerations. Environmental Health Perspectives, 2011, 119, 125-130.	2.8	4
54	Counterpoint: Moving From Potential-Outcomes Thinking to Doing--Changing Research Planning to Enable Successful Health Outcomes Research. American Journal of Epidemiology, 2014, 180, 1141-1144.	1.6	4

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55	Response. Risk Analysis, 2012, 32, 197-199.	1.5	3
56	Estimating Insecticide Application Frequencies: A Comparison of Geometric and Other Count Data Models. Journal of Agricultural & Applied Economics, 1997, 29, 225-242.	0.8	2
57	Response to Cox Letter: â€œMiscommunicating Risk, Uncertainty, and Causation: Fine Particulate Air Pollution and Mortality Risk as an Exampleâ€• Risk Analysis, 2012, 32, 768-770.	1.5	2
58	Letter in Response to Fraas & Lutter Article: â€œUncertain Benefits Estimates for Reductions in Fine Particle Concentrationsâ€• Risk Analysis, 2013, 33, 755-756.	1.5	2
59	Response to: â€œEnhancing the Characterization of Epistemic Uncertainties in PM_{2.5} Risk Analysesâ€• Risk Analysis, 2015, 35, 379-380.	1.5	1
60	HEALTH BENEFITS OF REDUCING PARTICULATE AIR POLLUTION FROM NONROAD DIESEL ENGINES. Epidemiology, 2004, 15, S137.	1.2	0
61	Letters to the Editor. Journal of the Air and Waste Management Association, 2004, 54, 386-388.	0.9	0
62	AIR QUALITY ADVISORIES: ARE THEY REACHING THE FOLKS WHO NEED THEM MOST?. Epidemiology, 2004, 15, S198.	1.2	0
63	Risk-Based Assessment and Management Framework. , 2011, , 45-66.		0
64	P-306. Epidemiology, 2012, 23, 1.	1.2	0