

# Rupa Basu

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

5,530  
citations

147801

31  
h-index

223800

46  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relation between Elevated Ambient Temperature and Mortality: A Review of the Epidemiologic Evidence. <i>Epidemiologic Reviews</i> , 2002, 24, 190-202.	3.5	1,087
2	High ambient temperature and mortality: a review of epidemiologic studies from 2001 to 2008. <i>Environmental Health</i> , 2009, 8, 40.	4.0	822
3	Association of Air Pollution and Heat Exposure With Preterm Birth, Low Birth Weight, and Stillbirth in the US. <i>JAMA Network Open</i> , 2020, 3, e208243.	5.9	389
4	A Multicounty Analysis Identifying the Populations Vulnerable to Mortality Associated with High Ambient Temperature in California. <i>American Journal of Epidemiology</i> , 2008, 168, 632-637.	3.4	289
5	High Ambient Temperature and the Risk of Preterm Delivery. <i>American Journal of Epidemiology</i> , 2010, 172, 1108-1117.	3.4	213
6	The effect of temperature on hospital admissions in nine California counties. <i>International Journal of Public Health</i> , 2010, 55, 113-121.	2.6	199
7	Air Pollution and Birth Weight Among Term Infants in California. <i>Pediatrics</i> , 2005, 115, 121-128.	2.1	186
8	The Effects of Temperature and Use of Air Conditioning on Hospitalizations. <i>American Journal of Epidemiology</i> , 2010, 172, 1053-1061.	3.4	179
9	The Effect of High Ambient Temperature on Emergency Room Visits. <i>Epidemiology</i> , 2012, 23, 813-820.	2.7	178
10	Characterizing Temperature and Mortality in Nine California Counties. <i>Epidemiology</i> , 2008, 19, 138-145.	2.7	155
11	Temperature and Mortality Among the Elderly in the United States. <i>Epidemiology</i> , 2005, 16, 58-66.	2.7	149
12	Estimating the mortality effect of the July 2006 California heat wave. <i>Environmental Research</i> , 2009, 109, 614-619.	7.5	122
13	Effects of fine particulate matter and its constituents on low birth weight among full-term infants in California. <i>Environmental Research</i> , 2014, 128, 42-51.	7.5	113
14	An exposure assessment study of ambient heat exposure in an elderly population in Baltimore, Maryland.. <i>Environmental Health Perspectives</i> , 2002, 110, 1219-1224.	6.0	109
15	Chronic PM2.5 exposure and inflammation: Determining sensitive subgroups in mid-life women. <i>Environmental Research</i> , 2014, 132, 168-175.	7.5	108
16	Examining the Association Between Apparent Temperature and Mental Health-Related Emergency Room Visits in California. <i>American Journal of Epidemiology</i> , 2018, 187, 726-735.	3.4	97
17	Ambient temperature and added heat wave effects on hospitalizations in California from 1999 to 2009. <i>Environmental Research</i> , 2018, 160, 83-90.	7.5	96
18	The Impact of Recent Heat Waves on Human Health in California. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 3-19.	1.5	83

#	ARTICLE	IF	CITATIONS
19	High ambient temperature and mortality in California: Exploring the roles of age, disease, and mortality displacement. <i>Environmental Research</i> , 2011, 111, 1286-1292.	7.5	80
20	Association Between High Ambient Temperature and Risk of Stillbirth in California. <i>American Journal of Epidemiology</i> , 2016, 183, 894-901.	3.4	66
21	Comparing exposure metrics in the relationship between PM <sub>2.5</sub> and birth weight in California. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2004, 14, 391-396.	3.9	64
22	Association of Stillbirth With Ambient Air Pollution in a California Cohort Study. <i>American Journal of Epidemiology</i> , 2015, 181, 874-882.	3.4	62
23	The impact of maternal factors on the association between temperature and preterm delivery. <i>Environmental Research</i> , 2017, 154, 109-114.	7.5	56
24	Long-and Short-Term Exposure To Air Pollution and Inflammatory/Hemostatic Markers in Midlife Women. <i>Epidemiology</i> , 2015, 27, 1.	2.7	55
25	Temperature and Term Low Birth Weight in California. <i>American Journal of Epidemiology</i> , 2018, 187, 2306-2314.	3.4	53
26	Ambient Fine Particulate Matter and Preterm Birth in California: Identification of Critical Exposure Windows. <i>American Journal of Epidemiology</i> , 2019, 188, 1608-1615.	3.4	46
27	Associations between fine particulate matter and changes in lipids/lipoproteins among midlife women. <i>Science of the Total Environment</i> , 2019, 654, 1179-1186.	8.0	45
28	Source apportionment of fine particulate matter and risk of term low birth weight in California: Exploring modification by region and maternal characteristics. <i>Science of the Total Environment</i> , 2017, 605-606, 647-654.	8.0	41
29	Wearable Sensor System to Monitor Physical Activity and the Physiological Effects of Heat Exposure. <i>Sensors</i> , 2020, 20, 855.	3.8	41
30	Cause-specific stillbirth and exposure to chemical constituents and sources of fine particulate matter. <i>Environmental Research</i> , 2018, 160, 358-364.	7.5	39
31	Association between <sc>PM</sc><sub>2.5</sub> and <sc>PM</sc><sub>2.5</sub> Constituents and Preterm Delivery in California, 2000â€“2006. <i>Paediatric and Perinatal Epidemiology</i> , 2017, 31, 424-434.	1.7	36
32	Association between gaseous air pollutants and inflammatory, hemostatic and lipid markers in a cohort of midlife women. <i>Environment International</i> , 2017, 107, 131-139.	10.0	33
33	A Caseâ€“Crossover Study of Temperature and Infant Mortality in <sc>C</sc>alifornia. <i>Paediatric and Perinatal Epidemiology</i> , 2015, 29, 407-415.	1.7	29
34	Heat, Disparities, and Health Outcomes in San Diego County's Diverse Climate Zones. <i>GeoHealth</i> , 2018, 2, 212-223.	4.0	29
35	Examining the relationship between ambient carbon monoxide, nitrogen dioxide, and mental health-related emergency department visits in California, USA. <i>Science of the Total Environment</i> , 2020, 746, 140915.	8.0	28
36	Extreme heat episodes and risk of preterm birth in California, 2005â€“2013. <i>Environment International</i> , 2020, 137, 105541.	10.0	27

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37	Spatial variation in the joint effect of extreme heat events and ozone on respiratory hospitalizations in California. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
38	Estimating the associations of apparent temperature and inflammatory, hemostatic, and lipid markers in a cohort of midlife women. Environmental Research, 2017, 152, 322-327.	7.5	19
39	Associations between ambient temperature and hepatobiliary and renal hospitalizations in California, 1999 to 2009. Environmental Research, 2019, 177, 108566.	7.5	19
40	The association between ozone and fine particles and mental health-related emergency department visits in California, 2005â€“2013. PLoS ONE, 2021, 16, e0249675.	2.5	18
41	The health burden of fall, winter and spring extreme heat events in Southern California and contribution of Santa Ana Winds. Environmental Research Letters, 2020, 15, 054017.	5.2	14
42	Temperature and hand, foot and mouth disease in California: An exploratory analysis of emergency department visits by season, 2005â€“2013. Environmental Research, 2020, 185, 109461.	7.5	11
43	A quantile regression approach to examine fine particles, term low birth weight, and racial/ethnic disparities. Environmental Epidemiology, 2019, 3, e060.	3.0	9
44	Human Health. , 2013, , 312-339.		6
45	Temperature and Preeclampsia: Is the Association Valid?. Paediatric and Perinatal Epidemiology, 2017, 31, 272-273.	1.7	4
46	Racial/ethnic disparities in the association between fine particles and respiratory hospital admissions in San Diego county, CA. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2021, 56, 473-480.	1.7	3
47	Selecting exposure data and identifying relevant exposure windows for birth outcome studies. Paediatric and Perinatal Epidemiology, 2022, 36, 90-91.	1.7	1
48	California and Climate Changes. , 2014, , 71-83.		0