Mary Berlik Rice

List of Publications by Year
in descending order

78 papers	3,039 citations	218381 26 h-index	168136 53 g-index
78 all docs	78 docs citations	78 times ranked	4329 citing authors

#	Article	IF	Citations
1	Air Pollution and Noncommunicable Diseases. Chest, 2019, 155, 417-426.	0.4	497
2	Air Pollution and Noncommunicable Diseases. Chest, 2019, 155, 409-416.	0.4	342
3	Long-Term Exposure to Traffic Emissions and Fine Particulate Matter and Lung Function Decline in the Framingham Heart Study. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 656-664.	2.5	228
4	Short-Term Exposure to Air Pollution and Lung Function in the Framingham Heart Study. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1351-1357.	2.5	162
5	Outdoor Air Pollution and New-Onset Airway Disease. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2020, 17, 387-398.	1.5	120
6	Shortâ€Term Exposure to Air Pollution and Biomarkers of Oxidative Stress: The Framingham Heart Study. Journal of the American Heart Association, 2016, 5, .	1.6	109
7	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1793-1800.	1.1	109
8	Lifetime Exposure to Ambient Pollution and Lung Function in Children. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 881-888.	2.5	108
9	Health Benefits of Air Pollution Reduction. Annals of the American Thoracic Society, 2019, 16, 1478-1487.	1.5	105
10	Short-Term Exposure to Air Pollution and Lung Function in the Framingham Heart Study. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1351-1357.	2.5	93
11	WHO Air Quality Guidelines 2021â€“Aiming for Healthier Air for all: A Joint Statement by Medical, Public Health, Scientific Societies and Patient Representative Organisations. International Journal of Public Health, 2021, 66, 1604465.	1.0	77
12	Obesity and ARDS. Chest, 2012, 142, 785-790.	0.4	65
13	Lungs in a Warming World. Chest, 2013, 143, 1455-1459.	0.4	63
14	Residential proximity to major roadways, fine particulate matter, and adiposity: The framingham heart study. Obesity, 2016, 24, 2593-2599.	1.5	55
15	Long- and short-term air pollution exposure and measures of arterial stiffness in the Framingham Heart Study. Environment International, 2018, 121, 139-147.	4.8	53
16	Air pollution and lung function in children. Journal of Allergy and Clinical Immunology, 2021, 148, 1-14.	1.5	51
17	Climate Change. A Global Threat to Cardiopulmonary Health. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 512-519.	2.5	50
18	Relation of Long-Term Exposure to Air Pollution to Brachial Artery Flow-Mediated Dilation and Reactive Hyperemia. American Journal of Cardiology, 2014, 113, 2057-2063.	0.7	50

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19	Ambient air pollution, adipokines, and glucose homeostasis: The Framingham Heart Study. Environment International, 2018, 111, 14-22.	4.8	44
20	Respiratory Impacts of Wildland Fire Smoke: Future Challenges and Policy Opportunities. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2021, 18, 921-930.	1.5	44
21	Ambient air pollution exposure and risk and progression of interstitial lung abnormalities: the Framingham Heart Study. Thorax, 2019, 74, 1063-1069.	2.7	39
22	Prenatal oxidative balance and risk of asthma and allergic disease in adolescence. Journal of Allergy and Clinical Immunology, 2019, 144, 1534-1541.e5.	1.5	33
23	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1679-1685.	1.1	32
24	Exposure to traffic and early life respiratory infection: A cohort study. Pediatric Pulmonology, 2015, 50, 252-259.	1.0	31
25	Lifetime air pollution exposure and asthma in a pediatric birth cohort. Journal of Allergy and Clinical Immunology, 2018, 141, 1932-1934.e7.	1.5	30
26	Air pollution and COVID-19: clearing the air and charting a post-pandemic course: a joint workshop report of ERS, ISEE, HEI and WHO. European Respiratory Journal, 2021, 58, 2101063.	3.1	30
27	Associations between ambient particle radioactivity and lung function. Environment International, 2019, 130, 104795.	4.8	29
28	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. European Respiratory Journal, 2019, 54, 1900408.	3.1	28
29	Air Pollution Monitoring for Health Research and Patient Care. An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2019, 16, 1207-1214.	1.5	25
30	Air pollution in the Asiaâ€Pacific Region. Respirology, 2019, 24, 484-491.	1.3	23
31	Strategies for Clinical Discussions About Climate Change. Annals of Internal Medicine, 2021, 174, 417-418.	2.0	22
32	Short-term exposure to ambient air pollution and circulating biomarkers of endothelial cell activation: The Framingham Heart Study. Environmental Research, 2019, 171, 36-43.	3.7	20
33	Association of outdoor temperature with lung function in a temperate climate. European Respiratory Journal, 2019, 53, 1800612.	3.1	19
34	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. Annals of the American Thoracic Society, 2019, 16, 698-706.	1.5	16
35	Recent Marijuana Use and Associations With Exhaled Nitric Oxide and Pulmonary Function in Adults in the United States. Chest, 2016, 149, 1428-1435.	0.4	15
36	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. Epidemiology, 2018, 29, 333-341.	1.2	15

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37	Global Health Impacts for Economic Models of Climate Change: A Systematic Review and Meta-Analysis. Annals of the American Thoracic Society, 2022, 19, 1203-1212.	1.5	14
38	Residential proximity to major roads, exposure to fine particulate matter and aortic calcium: the Framingham Heart Study, a cohort study. BMJ Open, 2017, 7, e013455.	0.8	13
39	Acute Decrease in HDL Cholesterol Associated With Exposure to Welding Fumes. Journal of Occupational and Environmental Medicine, 2011, 53, 17-21.	0.9	12
40	The Impact of Multi-pollutant Clusters on the Association between Fine Particulate Air Pollution and Microvascular Function. Epidemiology, 2015, 27, 1.	1.2	12
41	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. Chest, 2021, 159, 663-672.	0.4	12
42	Scientific Evidence Supports Stronger Limits on Ozone. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 501-503.	2.5	11
43	Synthesis of Harvard Environmental Protection Agency (EPA) Center studies on traffic-related particulate pollution and cardiovascular outcomes in the Greater Boston Area. Journal of the Air and Waste Management Association, 2019, 69, 900-917.	0.9	11
44	Air Pollution in the Asia-Pacific Region. A Joint Asian Pacific Society of Respirology/American Thoracic Society Perspective. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 693-700.	2.5	11
45	Racial, ethnic, and socioeconomic differences in adolescent food allergy. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 336-338.e3.	2.0	9
46	Obesity, sedentary lifestyle, and exhaled nitric oxide in an early adolescent cohort. Pediatric Pulmonology, 2020, 55, 503-509.	1.0	9
47	Pulmonary Vascular Pruning on Computed Tomography and Risk of Death in the Framingham Heart Study. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 251-254.	2.5	9
48	Update on Climate Change. Clinics in Chest Medicine, 2020, 41, 753-761.	0.8	7
49	Contributions of asthma, rhinitis and IgE to exhaled nitric oxide in adolescents. ERJ Open Research, 2021, 7, 00945-2020.	1.1	7
50	COVID-19 Pandemic: A Wake-Up Call for Clean Air. Annals of the American Thoracic Society, 2021, 18, 1450-1455.	1.5	6
51	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. Pulmonary Circulation, 2021, 11, 1-9.	0.8	6
52	The impact of personal and outdoor temperature exposure during cold and warm seasons on lung function and respiratory symptoms in COPD. ERJ Open Research, 2022, 8, 00574-2021.	1.1	6
53	Intracranial Hemorrhage Sparing Meningioma in an Anticoagulated Patient. Journal of Neuroimaging, 2007, 17, 246-250.	1.0	5
54	Air Pollution Exposure and Asthma Incidence in Children. JAMA - Journal of the American Medical Association, 2019, 321, 1875.	3.8	5

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55	Should You Recommend Inhaled Corticosteroids for This Patient With Chronic Obstructive Pulmonary Disease?. Annals of Internal Medicine, 2020, 172, 735-742.	2.0	5
56	Air Pollution Exposure and Daily Lung Function in Chronic Obstructive Pulmonary Disease: Effect Modification by Eosinophil Level. Annals of the American Thoracic Society, 2022, 19, 728-736.	1.5	5
57	Dust storms, heart attacks, and protecting those at risk. European Heart Journal, 2017, 38, 3209-3210.	1.0	4
58	Prenatal Air Pollution and Child Lung Function: The Impossible Search for a Vulnerable Trimester. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 15-16.	2.5	4
59	The Clean Power Plan. A Public Health Victory Needing Medical Attention. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 359-361.	2.5	3
60	Differences of the Nasal Microbiome and Mycobiome by Clinical Characteristics of COPD Patients. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2022, , 309-324.	0.5	3
61	Itâ€™s Not Just a Smoking-related Disease: Outdoor Pollution May Increase Risk of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1057-1058.	2.5	2
62	Ambient air pollution exposure and radiographic pulmonary vascular volumes. Environmental Epidemiology, 2021, 5, e143.	1.4	2
63	Study protocol for a national cohort of adults focused on respiratory health: the American Lung Association Lung Health Cohort (ALA-LHC) Study. BMJ Open, 2021, 11, e053342.	0.8	2
64	The air we breathe and lung disease. Journal of Thoracic Disease, 2015, 7, E245-7.	0.6	2
65	Change in Inhaler Use, Lung Function, and Oxygenation in Association with Symptoms in COPD. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 404-412.	0.5	2
66	Pulmonary histopathology of interstitial lung disease associated with antisynthetase antibodies. Respiratory Medicine, 2022, 191, 106697.	1.3	2
67	Climate Change at the Bedside? Observations from an ATS Membership Survey. Annals of the American Thoracic Society, 2015, 12, 245-246.	1.5	1
68	Doctor, Itâ€™s So Hot I Canâ€™t Breathe!. Annals of the American Thoracic Society, 2016, 13, 2107-2108.	1.5	1
69	Realizing the Paris Climate Agreement to Improve Cardiopulmonary Health. Where Science Meets Policy. Annals of the American Thoracic Society, 2018, 15, 791-798.	1.5	1
70	Is Bucolic Life Bad for Chronic Obstructive Pulmonary Disease?. Annals of the American Thoracic Society, 2018, 15, 799-800.	1.5	1
71	Threats to Science Advising at the Environmental Protection Agency. Annals of the American Thoracic Society, 2020, 17, 267-270.	1.5	1
72	The Environmental Protection Agencyâ€™s â€œStrengthening Transparency in Pivotal Scienceâ€•Rule: Donâ€™t Let History Repeat Itself. Annals of the American Thoracic Society, 2021, 18, 1614-1617.	1.5	1

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73	Climate Change, Air Pollution, and COPD Outcomes: Response. Chest, 2013, 144, 1732.	0.4	0
74	Environmental Health: Lessons from the Past and Looking to the Future. Annals of the American Thoracic Society, 2017, 14, 1378-1382.	1.5	0
75	Climate Change Policy: What Has Happened? What Can We Do?. ISEE Conference Abstracts, 2018, 2018, .	0.0	0
76	The Physicianâ€™s Response to Climate Change. Respiratory Medicine, 2021, , 583-591.	0.1	0
77	Small Airway Anatomy: An Indicator of Pollution Susceptibility in Adults?. American Journal of Respiratory and Critical Care Medicine, 2022, , .	2.5	0
78	Lifetime Exposure to Traffic-Related Pollution and Lung Function in Early Adolescence. Annals of the American Thoracic Society, 2022, , .	1.5	0