

# Patricia A Cassano

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

4,135  
citations

109321

35  
h-index

118850

62  
g-index

81  
all docs

81  
docs citations

81  
times ranked

7295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. <i>Nature Genetics</i> , 2011, 43, 1082-1090.	21.4	367
2	Pulmonary Function and Abdominal Adiposity in the General Population. <i>Chest</i> , 2006, 129, 853-862.	0.8	205
3	Obesity and Body Fat Distribution in Relation to the Incidence of Non-Insulin-dependent Diabetes Mellitus. <i>American Journal of Epidemiology</i> , 1992, 136, 1474-1486.	3.4	174
4	Homocysteine and Blood Pressure in the Third National Health and Nutrition Examination Survey, 1988-1994. <i>American Journal of Epidemiology</i> , 2002, 156, 1105-1113.	3.4	166
5	Genome-Wide Association Studies Identify <i>CHRNA5</i> and <i>HTR4</i> in the Development of Airflow Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 622-632.	5.6	164
6	Relationship of Serum Antioxidants to Asthma Prevalence in Youth. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 393-398.	5.6	153
7	Body fat distribution, blood pressure, and hypertension. <i>Annals of Epidemiology</i> , 1990, 1, 33-48.	1.9	145
8	Discriminative Accuracy of FEV <sub>1</sub> :FVC Thresholds for COPD-Related Hospitalization and Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 2438.	7.4	135
9	Antioxidants, oxidative stress, and pulmonary function in individuals diagnosed with asthma or COPD. <i>European Journal of Clinical Nutrition</i> , 2006, 60, 991-999.	2.9	133
10	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	131
11	Genome-Wide Joint Meta-Analysis of SNP and SNP-by-Smoking Interaction Identifies Novel Loci for Pulmonary Function. <i>PLoS Genetics</i> , 2012, 8, e1003098.	3.5	130
12	Cardiac Autonomic Dysfunction. <i>Circulation</i> , 2008, 117, 1802-1809.	1.6	112
13	The Association of Acetaminophen, Aspirin, and Ibuprofen with Respiratory Disease and Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 966-971.	5.6	102
14	Lung function decline in former smokers and low-intensity current smokers: a secondary data analysis of the NHLBI Pooled Cohorts Study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 34-44.	10.7	96
15	Relationship of cigarette smoking and social class to birth weight and perinatal mortality among all births in Britain, 5-11 April 1970. <i>Journal of Epidemiology and Community Health</i> , 1983, 37, 249-255.	3.7	92
16	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , 2018, 9, 2976.	12.8	85
17	Lipids and Pulmonary Function in the Third National Health and Nutrition Examination Survey. <i>American Journal of Epidemiology</i> , 2002, 155, 842-848.	3.4	84
18	A multivariate analysis of serum nutrient levels and lung function. <i>Respiratory Research</i> , 2008, 9, 67.	3.6	81

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19	Dietary Vitamin C Intake and Lung Function in Rural China. <i>American Journal of Epidemiology</i> , 1998, 148, 594-599.	3.4	80
20	The relation between dietary intake of individual fatty acids, FEV <sub>1</sub> and respiratory disease in Dutch adults. <i>Thorax</i> , 2008, 63, 208-214.	5.6	77
21	Erythritol is a pentose-phosphate pathway metabolite and associated with adiposity gain in young adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4233-E4240.	7.1	77
22	Association Between Preserved Ratio Impaired Spirometry and Clinical Outcomes in US Adults. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2287.	7.4	74
23	Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , 2015, 3, 782-795.	10.7	66
24	Patterns of dietary intake and relation to respiratory disease, forced expiratory volume in 1 s, and decline in 5-y forced expiratory volume. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 408-415.	4.7	63
25	Genetic variation and gene expression in antioxidant related enzymes and risk of COPD: a systematic review. <i>Thorax</i> , 2008, 63, 956-961.	5.6	59
26	Serum nutrient markers and skin prick testing using data from the Third National Health and Nutrition Examination Survey. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 1398-1402.	2.9	53
27	Randomised vitamin E supplementation and risk of chronic lung disease in the Women's Health Study. <i>Thorax</i> , 2011, 66, 320-325.	5.6	53
28	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. <i>PLoS ONE</i> , 2014, 9, e100776.	2.5	52
29	RISK OF FEBRILE SEIZURES IN CHILDHOOD IN RELATION TO PRENATAL MATERNAL CIGARETTE SMOKING AND ALCOHOL INTAKE. <i>American Journal of Epidemiology</i> , 1990, 132, 462-473.	3.4	50
30	Elevated odds of metabolic syndrome in psoriasis: a population-based study of age and sex differences. <i>British Journal of Dermatology</i> , 2015, 172, 419-427.	1.5	48
31	Stress and psychological constructs related to eating behavior are associated with anthropometry and body composition in young adults. <i>Appetite</i> , 2018, 125, 287-294.	3.7	48
32	Harmonization of Respiratory Data From 9 US Population-Based Cohorts. <i>American Journal of Epidemiology</i> , 2018, 187, 2265-2278.	3.4	46
33	Dietary antioxidants and forced expiratory volume in 1 s decline: the Health, Aging and Body Composition study. <i>European Respiratory Journal</i> , 2012, 39, 979-984.	6.7	44
34	Polymorphisms in Cytoplasmic Serine Hydroxymethyltransferase and Methylenetetrahydrofolate Reductase Affect the Risk of Cardiovascular Disease in Men. <i>Journal of Nutrition</i> , 2005, 135, 1989-1994.	2.9	41
35	Evaluating Brief Measures of Fruit and Vegetable Consumption Frequency and Variety. <i>Journal of the American Dietetic Association</i> , 2001, 101, 311-318.	1.1	39
36	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017, 46, dyw318.	1.9	36

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37	Oxidative Stress and Pulmonary Function in the General Population. <i>American Journal of Epidemiology</i> , 2005, 162, 1137-1145.	3.4	35
38	Pumping human milk in the early postpartum period: its impact on long-term practices for feeding at the breast and exclusively feeding human milk in a longitudinal survey cohort. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1267-1277.	4.7	33
39	Albuminuria, Lung Function Decline, and Risk of Incident Chronic Obstructive Pulmonary Disease. The NHLBI Pooled Cohorts Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 321-332.	5.6	30
40	Integrative pathway genomics of lung function and airflow obstruction. <i>Human Molecular Genetics</i> , 2015, 24, 6836-6848.	2.9	28
41	College-Aged Males Experience Attenuated Sweet and Salty Taste with Modest Weight Gain. <i>Journal of Nutrition</i> , 2017, 147, 1885-1891.	2.9	28
42	Genetically predicted serum vitamin D and COVID-19: a Mendelian randomisation study. <i>BMJ Nutrition, Prevention and Health</i> , 2021, 4, 213-225.	3.7	25
43	Effect of long-term vitamin E and selenium supplementation on urine F2-isoprostanes, a biomarker of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2016, 95, 349-356.	2.9	24
44	Folate network genetic variation, plasma homocysteine, and global genomic methylation content: a genetic association study. <i>BMC Medical Genetics</i> , 2011, 12, 150.	2.1	23
45	Genetic and Environmental Factors Are Associated with Serum 25-Hydroxyvitamin D Concentrations in Older African Americans. <i>Journal of Nutrition</i> , 2015, 145, 799-805.	2.9	23
46	Disparate oxidant gene expression of airway epithelium compared to alveolar macrophages in smokers. <i>Respiratory Research</i> , 2009, 10, 111.	3.6	20
47	Genetic variation in antioxidant enzymes, cigarette smoking, and longitudinal change in lung function. <i>Free Radical Biology and Medicine</i> , 2013, 63, 304-312.	2.9	20
48	Longitudinal changes in anthropometry and body composition in university freshmen. <i>Journal of American College Health</i> , 2017, 65, 268-276.	1.5	20
49	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018, 3, 4.	1.8	19
50	No association between cSHMT genotypes and the risk of breast cancer in the Nurses' Health Study. <i>European Journal of Clinical Nutrition</i> , 2010, 64, 108-110.	2.9	17
51	Comparative effectiveness of oral diabetes drug combinations in reducing glycosylated hemoglobin. <i>Journal of Comparative Effectiveness Research</i> , 2014, 3, 29-39.	1.4	17
52	Association of 25-Hydroxyvitamin D status and genetic variation in the vitamin D metabolic pathway with FEV1 in the Framingham Heart Study. <i>Respiratory Research</i> , 2015, 16, 81.	3.6	16
53	A randomized controlled trial of vitamin E and selenium on rate of decline in lung function. <i>Respiratory Research</i> , 2015, 16, 35.	3.6	16
54	Comparing Alternative Breast Milk Feeding Questions to U.S. Breastfeeding Surveillance Questions. <i>Breastfeeding Medicine</i> , 2019, 14, 347-353.	1.7	14

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55	Omega-3 Fatty Acids and Genome-Wide Interaction Analyses Reveal <i>DPP10</i> Pulmonary Function Association. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 631-642.	5.6	14
56	Genetic variation in antioxidant enzymes and lung function. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1577-1583.	2.9	12
57	Relation of choline intake with blood pressure in the National Health and Nutrition Examination Survey 2007-2010. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 648-655.	4.7	12
58	Lung function impairment and risk of incident heart failure: the NHLBI Pooled Cohorts Study. <i>European Heart Journal</i> , 2022, 43, 2196-2208.	2.2	12
59	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L130-L143.	2.9	11
60	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 0, 3, 4.	1.8	11
61	Polymorphisms in Serine Hydroxymethyltransferase 1 and Methylenetetrahydrofolate Reductase Interact to Increase Cardiovascular Disease Risk in Humans. <i>Journal of Nutrition</i> , 2011, 141, 255-260.	2.9	10
62	Folate Network Genetic Variation Predicts Cardiovascular Disease Risk in Non-Hispanic White Males. <i>Journal of Nutrition</i> , 2012, 142, 1272-1279.	2.9	10
63	Vitamin D-responsive SGPP2 variants associated with lung cell expression and lung function. <i>BMC Medical Genetics</i> , 2013, 14, 122.	2.1	9
64	A Multidimensional Risk Score to Predict All-Cause Hospitalization in Community-Dwelling Older Individuals With Obstructive Lung Disease. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 508-513.	2.5	9
65	Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults. <i>The Cochrane Library</i> , 0, , .	2.8	9
66	Meta-analysis across Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium provides evidence for an association of serum vitamin D with pulmonary function. <i>British Journal of Nutrition</i> , 2018, 120, 1159-1170.	2.3	9
67	Provision of folic acid for reducing arsenic toxicity in arsenic-exposed children and adults. <i>The Cochrane Library</i> , 2021, 2021, CD012649.	2.8	9
68	Differential Expression of Vitamin E and Selenium-Responsive Genes by Disease Severity in Chronic Obstructive Pulmonary Disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013, 10, 450-458.	1.6	7
69	A Dyadic Growth Modeling Approach for Examining Associations Between Weight Gain and Lung Function Decline. <i>American Journal of Epidemiology</i> , 2020, 189, 1173-1184.	3.4	6
70	Hierarchical Graphical Models. <i>Journal of the American Statistical Association</i> , 2005, 100, 719-727.	3.1	3
71	Nutritional effects on asthma aetiology and progression. <i>Thorax</i> , 2009, 64, 560-560.	5.6	3
72	Opportunities and challenges in incorporating ancillary studies into a cancer prevention randomized clinical trial. <i>Trials</i> , 2016, 17, 400.	1.6	2

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73	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. <i>Scientific Reports</i> , 2021, 11, 19365.	3.3	2
74	Newborn Neurologic Maturity Relates More Strongly to Concurrent Somatic Development Than Gestational Age. <i>American Journal of Perinatology</i> , 1983, 1, 12-20.	1.4	1
75	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 0, 3, 4.	1.8	1
76	Change in plasma $\alpha$ -tocopherol associations with attenuated pulmonary function decline and with CYP4F2 missense variation. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1205-1216.	4.7	1
77	AUTHORS' RESPONSE TO "THE EPIDEMIOLOGY OF FEBRILE SEIZURES, OR THE EPIDEMIOLOGY OF STUDY PARTICIPATION": <i>American Journal of Epidemiology</i> , 1990, 132, 477-478.	3.4	0