

# Andre F S Amaral

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

2,292  
citations

218662

26  
h-index

243610

44  
g-index

92  
all docs

92  
docs citations

92  
times ranked

4300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effect of asthma on the development of obesity among adults: an international cohort study, ECRHS. <i>Thorax</i> , 2023, 78, 128-135.	5.6	18
2	Restricted spirometry and cardiometabolic comorbidities: results from the international population based BOLD study. <i>Respiratory Research</i> , 2022, 23, 34.	3.6	13
3	Spirometry parameters used to define small airways obstruction in population-based studies: systematic review. <i>Respiratory Research</i> , 2022, 23, 67.	3.6	15
4	Concerns about PRISm. <i>Lancet Respiratory Medicine</i> , 2022, 10, e51-e52.	10.7	5
5	Prevalence and Population-Attributable Risk for Chronic Airflow Obstruction in a Large Multinational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1353-1365.	5.6	52
6	Short-term personal and outdoor exposure to ultrafine and fine particulate air pollution in association with blood pressure and lung function in healthy adults. <i>Environmental Research</i> , 2021, 194, 110579.	7.5	17
7	The effect of physical activity on asthma incidence over 10 years: population-based study. <i>ERJ Open Research</i> , 2021, 7, 00970-2020.	2.6	1
8	Chronic airflow obstruction and ambient particulate air pollution. <i>Thorax</i> , 2021, 76, 1236-1241.	5.6	7
9	Genetic correlation and causal relationships between cardio-metabolic traits and lung function impairment. <i>Genome Medicine</i> , 2021, 13, 104.	8.2	11
10	Spirometry parameters used to define small airways obstruction in population-based studies: systematic review protocol. <i>BMJ Open</i> , 2021, 11, e052931.	1.9	3
11	ERS International Congress, Madrid, 2019: highlights from the Epidemiology and Environment Assembly. <i>ERJ Open Research</i> , 2020, 6, 00320-2019.	2.6	0
12	Influence of KRAS mutations, persistent organic pollutants, and trace elements on survival from pancreatic ductal adenocarcinoma. <i>Environmental Research</i> , 2020, 190, 109781.	7.5	6
13	Post-tuberculosis lung health: perspectives from the First International Symposium. <i>International Journal of Tuberculosis and Lung Disease</i> , 2020, 24, 820-828.	1.2	107
14	Asthma exacerbations, air pollution, and allergens – Authors' reply. <i>Lancet</i> , 2020, 396, 753-754.	13.7	0
15	Role of DNA methylation in the association of lung function with body mass index: a two-step epigenetic Mendelian randomisation study. <i>BMC Pulmonary Medicine</i> , 2020, 20, 171.	2.0	3
16	Associations between modeled residential outdoor and measured personal exposure to ultrafine particles in four European study areas. <i>Atmospheric Environment</i> , 2020, 226, 117353.	4.1	7
17	Body mass index and weight change are associated with adult lung function trajectories: the prospective ECRHS study. <i>Thorax</i> , 2020, 75, 313-320.	5.6	49
18	Association of adult lung function with accelerated biological aging. <i>Aging</i> , 2020, 12, 518-542.	3.1	23

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19	Epigenome-wide association study of lung function level and its change. <i>European Respiratory Journal</i> , 2019, 54, 1900457.	6.7	49
20	Bronchodilator reversibility in asthma and COPD: findings from three large population studies. <i>European Respiratory Journal</i> , 2019, 54, 1900561.	6.7	74
21	Age at menopause and lung function: a Mendelian randomisation study. <i>European Respiratory Journal</i> , 2019, 54, 1802421.	6.7	23
22	Concentrations of trace elements and <i>KRAS</i> mutations in pancreatic ductal adenocarcinoma. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 693-703.	2.2	14
23	European Respiratory Society International Congress 2018: four shades of epidemiology and tobacco control. <i>ERJ Open Research</i> , 2019, 5, 00217-2018.	2.6	1
24	Toenail concentrations of trace elements and occupational history in pancreatic cancer. <i>Environment International</i> , 2019, 127, 216-225.	10.0	13
25	DNA Methylation in Inflammatory Pathways Modifies the Association between BMI and Adult-Onset Non-Atopic Asthma. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 600.	2.6	18
26	Air pollution and chronic airway disease: is the evidence always clear?. <i>Lancet, The</i> , 2019, 394, 2198-2200.	13.7	24
27	Testing bronchodilator responsiveness. <i>European Respiratory Journal</i> , 2019, 54, 1902104.	6.7	1
28	New kids on the block in the ECMC and opportunities for early career members in 2018. <i>Breathe</i> , 2018, 14, 55-57.	1.3	1
29	Airflow Obstruction and Use of Solid Fuels for Cooking or Heating. <i>BOLD (Burden of Obstructive) Tj ETQq1 1 0.784314 rgBT /Overloc</i>	5.6	69
30	Highlights from the European Respiratory Society 2018 Annual Congress: environment and epidemiology (assembly 6). <i>Journal of Thoracic Disease</i> , 2018, 10, S2998-S3000.	1.4	0
31	SERPINA1 methylation and lung function in tobacco-smoke exposed European children and adults: a meta-analysis of ALEC population-based cohorts. <i>Respiratory Research</i> , 2018, 19, 156.	3.6	11
32	Cottage by the sea or house above the trees: which is better for my lungs?. <i>Thorax</i> , 2018, 73, 1103-1104.	5.6	0
33	Acute changes in DNA methylation in relation to 24h personal air pollution exposure measurements: A panel study in four European countries. <i>Environment International</i> , 2018, 120, 11-21.	10.0	48
34	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. <i>Nature Genetics</i> , 2018, 50, 1072-1080.	21.4	106
35	Age at puberty and risk of asthma: A Mendelian randomisation study. <i>PLoS Medicine</i> , 2018, 15, e1002634.	8.4	54
36	The effect of early puberty on asthma in women and men: A Mendelian randomization study. , 2018, , .		1

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37	Body mass index trajectories during adult life and lung function decline. , 2018, , .		2
38	Female Smokers Are at Greater Risk of Airflow Obstruction Than Male Smokers. UK Biobank. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1226-1235.	5.6	45
39	Age at menarche and lung function: a Mendelian randomization study. European Journal of Epidemiology, 2017, 32, 701-710.	5.7	37
40	Unemployment in chronic airflow obstruction around the world: results from the BOLD study. European Respiratory Journal, 2017, 50, 1700499.	6.7	19
41	Systematic review of lung function and COPD with peripheral blood DNA methylation in population based studies. BMC Pulmonary Medicine, 2017, 17, 54.	2.0	28
42	Highlights from the European Respiratory Society 2017 annual congress: epidemiology and environment (assembly 6). Journal of Thoracic Disease, 2017, 9, S1554-S1556.	1.4	0
43	Association between accelerated biological aging and adult lung function. , 2017, , .		0
44	Unemployment in chronic airflow obstruction (CAO) around the world: Results from the Burden of Obstructive Lung Disease (BOLD) study. , 2017, , .		0
45	Late Breaking Abstract - SERPINA1 methylation and lung function: Results from SAPALDIA, the Swiss population-based cohort study. , 2017, , .		0
46	Understanding the Influence of Genes, Diet, and Occupation on Respiratory Health. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 236-238.	5.6	0
47	Lower lung function associates with cessation of menstruation: UK Biobank data. European Respiratory Journal, 2016, 48, 1288-1297.	6.7	22
48	Changes in IgE sensitization and total IgE levels over 20Âyears of follow-up. Journal of Allergy and Clinical Immunology, 2016, 137, 1788-1795.e9.	2.9	48
49	Lung function defects in treated pulmonary tuberculosis patients. European Respiratory Journal, 2016, 47, 352-353.	6.7	5
50	Association of Forced Vital Capacity with the Developmental Gene NCOR2. PLoS ONE, 2016, 11, e0147388.	2.5	17
51	Association of pulse wave velocity with total lung capacity: A cross-sectional analysis of the BOLD London study. Respiratory Medicine, 2015, 109, 1569-1575.	2.9	16
52	Tuberculosis associates with both airflow obstruction and low lung function: BOLD results. European Respiratory Journal, 2015, 46, 1104-1112.	6.7	159
53	The locus <i>C11orf30</i> increases susceptibility to polyâ€sensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 328-333.	5.7	23
54	Pesticides and Asthma: Challenges for Epidemiology. Frontiers in Public Health, 2014, 2, 6.	2.7	52

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55	Interaction between gas cooking and <i>GSTM1</i> null genotype in bronchial responsiveness: results from the European Community Respiratory Health Survey. <i>Thorax</i> , 2014, 69, 558-564.	5.6	22
56	LINE-1 methylation in granulocyte DNA and trihalomethane exposure is associated with bladder cancer risk. <i>Epigenetics</i> , 2014, 9, 1532-1539.	2.7	24
57	LINE-1 methylation in leukocyte DNA, interaction with phosphatidylethanolamine N-methyltransferase variants and bladder cancer risk. <i>British Journal of Cancer</i> , 2014, 110, 2123-2130.	6.4	17
58	Metabolomics of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1497-1499.e1.	2.9	9
59	Searching for urine biomarkers of bladder cancer recurrence using a liquid chromatography-mass spectrometry and capillary electrophoresis-mass spectrometry metabolomics approach. <i>Journal of Chromatography A</i> , 2013, 1318, 163-170.	3.7	117
60	Genetic and Non-genetic Predictors of LINE-1 Methylation in Leukocyte DNA. <i>Environmental Health Perspectives</i> , 2013, 121, 650-656.	6.0	75
61	Pancreatic cancer risk and levels of trace elements. <i>Gut</i> , 2012, 61, 1583-1588.	12.1	89
62	Plasma 25-Hydroxyvitamin D3 and Bladder Cancer Risk According to Tumor Stage and FGFR3 Status: A Mechanism-Based Epidemiological Study. <i>Journal of the National Cancer Institute</i> , 2012, 104, 1897-1904.	6.3	30
63	Exposure of thermoelectric power-plant workers to volatile organic compounds from fuel oil: Genotoxic and cytotoxic effects in buccal epithelial cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 197-201.	1.7	15
64	1157 Association of LINE-1 Methylation With Risk of Bladder Cancer in the Spanish Population. <i>European Journal of Cancer</i> , 2012, 48, S278.	2.8	0
65	Cyclooxygenase-2 Expression in Bladder Cancer and Patient Prognosis: Results from a Large Clinical Cohort and Meta-Analysis. <i>PLoS ONE</i> , 2012, 7, e45025.	2.5	24
66	Volcanogenic Contaminants: Chronic Exposure. , 2011, , 681-689.		7
67	Letter to the editor: Association between cadmium concentrations and -5 A/G MT2A polymorphism (how significant is it?). <i>Toxicology and Applied Pharmacology</i> , 2010, 246, 184.	2.8	0
68	Selenium and Bladder Cancer Risk: a Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 2407-2415.	2.5	96
69	Selenoproteins and bladder cancer risk: A case-control study. <i>Toxicology Letters</i> , 2010, 196, S52.	0.8	0
70	Baseline metal concentrations in marine algae from S�o Miguel (Azores) under different ecological conditions - Urban proximity and shallow water hydrothermal activity. <i>Marine Pollution Bulletin</i> , 2009, 58, 438-443.	5.0	39
71	Trace metals and over-expression of metallothioneins in bladder tumoral lesions: a case-control study. <i>BMC Veterinary Research</i> , 2009, 5, 24.	1.9	13
72	Trace metals and over-expression of metallothioneins in bladder tumoral lesions: a case-control study. <i>BMC Veterinary Research</i> , 2009, 5, 40.	1.9	2

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73	Prevalence of <i>Calodium hepaticum</i> (Syn. <i>Capillaria hepatica</i> ) in house mice ( <i>Mus musculus</i> ) in the Azores archipelago. <i>Veterinary Parasitology</i> , 2009, 160, 340-343.	1.8	22
74	Oral epithelium micronuclei as biomarker in human monitoring of urban air (ARAUTO). <i>Toxicology Letters</i> , 2009, 189, S153.	0.8	0
75	Bioavailability of heavy metals and their effects on the midgut cells of a phytopagous insect inhabiting volcanic environments. <i>Science of the Total Environment</i> , 2008, 406, 116-122.	8.0	20
76	Essential and non-essential trace metals in scalp hair of men chronically exposed to volcanogenic metals in the Azores, Portugal. <i>Environment International</i> , 2008, 34, 1104-1108.	10.0	71
77	Bioavailable metals and cellular effects in the digestive gland of marine limpets living close to shallow water hydrothermal vents. <i>Chemosphere</i> , 2008, 71, 1356-1362.	8.2	32
78	Reproductive cycle of the rissoid <i>Alvania mediolittoralis</i> Gofas, 1989 (Mollusca, Gastropoda) at S�o Miguel Island (Azores, Portugal). <i>Invertebrate Reproduction and Development</i> , 2008, 52, 31-40.	0.8	9
79	A case of simultaneous hermaphroditism in the Azorean endemic limpet <i>Patella candei gomesii</i> (Mollusca: Patellogastropoda), a gonochoristic species. <i>Invertebrate Reproduction and Development</i> , 2007, 50, 203-205.	0.8	4
80	Chronic exposure to volcanic environments and chronic bronchitis incidence in the Azores, Portugal. <i>Environmental Research</i> , 2007, 103, 419-423.	7.5	39
81	Apoptosis, metallothionein, and bioavailable metals in domestic mice ( <i>Mus musculus</i> L.) from a human-inhabited volcanic area. <i>Ecotoxicology</i> , 2007, 16, 475-482.	2.4	23
82	Baseline Levels of Metals in Volcanic Soils of the Azores (Portugal). <i>Soil and Sediment Contamination</i> , 2006, 15, 123-130.	1.9	24
83	Bioavailability and cellular effects of metals on <i>Lumbricus terrestris</i> inhabiting volcanic soils. <i>Environmental Pollution</i> , 2006, 142, 103-108.	7.5	31
84	Chronic exposure to volcanic environments and cancer incidence in the Azores, Portugal. <i>Science of the Total Environment</i> , 2006, 367, 123-128.	8.0	40
85	Freshwater molluscs from volcanic areas as model organisms to assess adaptation to metal chronic pollution. <i>Science of the Total Environment</i> , 2006, 371, 168-175.	8.0	15
86	Metal accumulation and apoptosis in the alimentary canal of <i>Lumbricus terrestris</i> as a metal biomarker. <i>BioMetals</i> , 2005, 18, 199-206.	4.1	25
87	The connective tissue index of <i>Helix aspersa</i> as a metal biomarker. <i>BioMetals</i> , 2004, 17, 625-629.	4.1	10
88	Autometallography and metallothionein immunohistochemistry in hepatocytes of turbot ( <i>Scophthalmus maximus</i> L.) after exposure to cadmium and depuration treatment. <i>Biomarkers</i> , 2002, 7, 491-500.	1.9	24