

Diana A Van Der Plaat

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2567622/publications.pdf>

Version: 2024-02-01

57
papers

974
citations

567281

15
h-index

501196

28
g-index

62
all docs

62
docs citations

62
times ranked

2048
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of two-sample methods for Mendelian randomization analyses on single large datasets. <i>International Journal of Epidemiology</i> , 2021, 50, 1651-1659.	1.9	150
2	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	12.8	140
3	Long-term Air Pollution Exposure, Genome-wide DNA Methylation and Lung Function in the LifeLines Cohort Study. <i>Environmental Health Perspectives</i> , 2018, 126, 027004.	6.0	71
4	Occupational exposure to pesticides is associated with differential DNA methylation. <i>Occupational and Environmental Medicine</i> , 2018, 75, 427-435.	2.8	61
5	Age at puberty and risk of asthma: A Mendelian randomisation study. <i>PLoS Medicine</i> , 2018, 15, e1002634.	8.4	54
6	Epigenome-wide association study of lung function level and its change. <i>European Respiratory Journal</i> , 2019, 54, 1900457.	6.7	49
7	From blood to lung tissue: effect of cigarette smoke on DNA methylation and lung function. <i>Respiratory Research</i> , 2018, 19, 212.	3.6	47
8	Genome-wide association study on the FEV ₁ /FVC ratio in never-smokers identifies HHIP and FAM13A. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 533-540.	2.9	45
9	Risks of COVID-19 by occupation in NHS workers in England. <i>Occupational and Environmental Medicine</i> , 2022, 79, 176-183.	2.8	26
10	Analyzing degraded DNA and challenging samples using the ForenSeq [®] , [®] DNA Signature Prep kit. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020, 60, 243-252.	2.1	25
11	COPD GWAS variant at 19q13.2 in relation with DNA methylation and gene expression. <i>Human Molecular Genetics</i> , 2018, 27, 396-405.	2.9	24
12	Age at menopause and lung function: a Mendelian randomisation study. <i>European Respiratory Journal</i> , 2019, 54, 1802421.	6.7	23
13	Understanding the role of the chromosome 15q25.1 in COPD through epigenetics and transcriptomics. <i>European Journal of Human Genetics</i> , 2018, 26, 709-722.	2.8	21
14	Antioxidant genes and susceptibility to air pollution for respiratory and cardiovascular health. <i>Free Radical Biology and Medicine</i> , 2020, 151, 88-98.	2.9	21
15	Air pollution exposure is associated with restrictive ventilatory patterns. <i>European Respiratory Journal</i> , 2016, 48, 1221-1224.	6.7	19
16	Genome-wide interaction study of gene-by-occupational exposures on respiratory symptoms. <i>Environment International</i> , 2019, 122, 263-269.	10.0	17
17	A cross-omics integrative study of metabolic signatures of chronic obstructive pulmonary disease. <i>BMC Pulmonary Medicine</i> , 2020, 20, 193.	2.0	15
18	DNA methylation is associated with lung function in never smokers. <i>Respiratory Research</i> , 2019, 20, 268.	3.6	14

#	ARTICLE	IF	CITATIONS
19	No association between DNA methylation and COPD in never and current smokers. <i>BMJ Open Respiratory Research</i> , 2018, 5, e000282.	3.0	13
20	Lung function changes over 8 years and testosterone markers in both sexes: UK Biobank. <i>ERJ Open Research</i> , 2020, 6, 00070-2020.	2.6	13
21	Epigenome-wide association study identifies DNA methylation markers for asthma remission in whole blood and nasal epithelium. <i>Clinical and Translational Allergy</i> , 2020, 10, 60.	3.2	12
22	The Well-Known Gene <i>HHIP</i> and Novel Gene <i>MECR</i> Are Implicated in Small Airway Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1299-1302.	5.6	11
23	Genetic correlation and causal relationships between cardio-metabolic traits and lung function impairment. <i>Genome Medicine</i> , 2021, 13, 104.	8.2	11
24	Impact of COVID-19 pandemic on sickness absence for mental ill health in National Health Service staff. <i>BMJ Open</i> , 2021, 11, e054533.	1.9	11
25	Occupational exposure to gases/fumes and mineral dust affect DNA methylation levels of genes regulating expression. <i>Human Molecular Genetics</i> , 2019, 28, 2477-2485.	2.9	9
26	Low serum DHEA-S is associated with impaired lung function in women. <i>EClinicalMedicine</i> , 2020, 23, 100389.	7.1	9
27	A Genome-Wide Linkage Study for Chronic Obstructive Pulmonary Disease in a Dutch Genetic Isolate Identifies Novel Rare Candidate Variants. <i>Frontiers in Genetics</i> , 2018, 9, 133.	2.3	8
28	Mendelian randomisation supports causal link between obesity and asthma. <i>Thorax</i> , 2020, 75, 194-195.	5.6	8
29	Female sex hormones and symptoms of obstructive sleep apnea in European women of a population-based cohort. <i>PLoS ONE</i> , 2022, 17, e0269569.	2.5	6
30	Polycystic ovary syndrome and lung function: a Mendelian randomization study. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 455-457.	1.3	5
31	Changing patterns of sickness absence among healthcare workers in England during the COVID-19 pandemic. <i>Journal of Public Health</i> , 2022, 44, e42-e50.	1.8	5
32	Limited overlap in significant hits between genome-wide association studies on two airflow obstruction definitions in the same population. <i>BMC Pulmonary Medicine</i> , 2019, 19, 58.	2.0	4
33	Novel Rare Genetic Variants Associated with Airflow Obstruction in the General Population. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 485-488.	5.6	2
34	Novel Genetic Susceptibility Loci for FEV ₁ in the Context of Occupational Exposure in Never-Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 769-772.	5.6	1
35	The effect of early puberty on asthma in women and men: A Mendelian randomization study. , 2018, ,		1
36	Identification of novel rare genetic variants associated with COPD in the general population. , 2018, ,		1

#	ARTICLE	IF	CITATIONS
37	Air pollution exposure is associated with restrictive rather than obstructive ventilatory patterns. , 2016, , .		1
38	P237â€¦Age at menopause and lung function: a mendelian randomization study. , 2018, , .		0
39	Effects of the Environment and Its Interplay with Genetics in Lung Function throughout Life. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1425-1427.	5.6	0
40	ERS International Congress 2020: highlights from the Epidemiology and Environment Assembly. ERJ Open Research, 2021, 7, 00849-2020.	2.6	0
41	Ethnic differences in risk of severe Covid-19: To what extent are they driven by exposure?. Journal of Public Health, 2021, , .	1.8	0
42	Identification of novel genes related to airway obstruction in never-smokers. , 2015, , .		0
43	Novel genes associated with the level of FEV₁ in never-smokers in the context of occupational exposure. , 2015, , .		0
44	LATE-BREAKING ABSTRACT: Occupational exposure to pesticides is associated with differential DNA methylation. , 2016, , .		0
45	LATE-BREAKING ABSTRACT: NO2 and lung function: Mediation by DNA methylation. , 2016, , .		0
46	A genome-wide SNP-by-NO2 interaction study on lung function in the LifeLines study. , 2017, , .		0
47	A genome-wide linkage study for COPD in a Dutch genetic isolate. , 2017, , .		0
48	DNA methylation mediates the association between occupational exposures and lung function. , 2017, , .		0
49	DNA methylation is associated with lung function levels in never-smokers. , 2017, , .		0
50	Rare genetic variants in genes with ciliary function underlie non-smoking related COPD. , 2017, , .		0
51	Low dehydroepiandrosterone sulfate (DHEA-S) is associated with worse lung function in women.. , 2018, , .		0
52	Age at menopause and lung function: A Mendelian randomization study. , 2018, , .		0
53	Polycystic ovary syndrome and lung function: a Mendelian randomization study. , 2019, , .		0
54	Genetic Correlation and Causal Relationships between Cardio-Metabolic Traits and Lung Function Impairment. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
55	LSC - 2021 - Investigating the role of vitamin A intake and retinoic acid signalling in lung homeostasis and repair-A multidisciplinary approach. , 2021, , .		0
56	Risk factors for COVID-19 sickness absence in healthcare staff. , 2021, , .		0
57	Interaction between VGDF exposure and antioxidant genes on COPD in UK Biobank. , 2020, , .		0