## Cristina Menni

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2293780/publications.pdf

Version: 2024-02-01

146 papers 26,130 citations

20817 60 h-index 146 g-index

170 all docs

170 docs citations

170 times ranked

39689 citing authors

#	Article	IF	CITATIONS
1	Body mass index mediates the effect of the DASH diet on hypertension: Common metabolites underlying the association. Journal of Human Nutrition and Dietetics, 2022, 35, 214-222.	2.5	6
2	Metabolome Genome-Wide Association Study Identifies 74 Novel Genomic Regions Influencing Plasma Metabolites Levels. Metabolites, 2022, 12, 61.	2.9	18
3	Self-reported COVID-19 vaccine hesitancy and uptake among participants from different racial and ethnic groups in the United States and United Kingdom. Nature Communications, 2022, 13, 636.	12.8	118
4	Yoghurt consumption is associated with changes in the composition of the human gut microbiome and metabolome. BMC Microbiology, 2022, 22, 39.	3.3	31
5	Incremental Value of a Panel of Serum Metabolites for Predicting Risk of Atherosclerotic Cardiovascular Disease. Journal of the American Heart Association, 2022, 11, e024590.	3.7	1
6	Immunoglobulin G glycome composition in transition from premenopause to postmenopause. IScience, 2022, 25, 103897.	4.1	15
7	Symptom prevalence, duration, and risk of hospital admission in individuals infected with SARS-CoV-2 during periods of omicron and delta variant dominance: a prospective observational study from the ZOE COVID Study. Lancet, The, 2022, 399, 1618-1624.	13.7	547
8	COVID-19 vaccine waning and effectiveness and side-effects of boosters: a prospective community study from the ZOE COVID Study. Lancet Infectious Diseases, The, 2022, 22, 1002-1010.	9.1	192
9	Genome-wide Association Study of Liking for Several Types of Physical Activity in the UK Biobank and Two Replication Cohorts. Medicine and Science in Sports and Exercise, 2022, 54, 1252-1260.	0.4	3
10	Large-scale GWAS of food liking reveals genetic determinants and genetic correlations with distinct neurophysiological traits. Nature Communications, 2022, 13, 2743.	12.8	22
11	Cross-Sectional Blood Metabolite Markers of Hypertension: A Multicohort Analysis of 44,306 Individuals from the COnsortium of METabolomics Studies. Metabolites, 2022, 12, 601.	2.9	6
12	Adipose methylome integrative-omic analyses reveal genetic and dietary metabolic health drivers and insulin resistance classifiers. Genome Medicine, 2022, 14, .	8.2	6
13	Cancer and Risk of COVID-19 Through a General Community Survey. Oncologist, 2021, 26, e182-e185.	3.7	61
14	The role of short-chain fatty acids in the interplay between gut microbiota and diet in cardio-metabolic health. Gut Microbes, 2021, 13, 1-24.	9.8	259
15	High intake of vegetables is linked to lower white blood cell profile and the effect is mediated by the gut microbiome. BMC Medicine, 2021, 19, 37.	5.5	30
16	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. Science Advances, 2021, $7$ , .	10.3	115
17	Attributes and predictors of long COVID. Nature Medicine, 2021, 27, 626-631.	30.7	1,613
18	Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. American Journal of Clinical Nutrition, 2021, 113, 1145-1156.	4.7	27

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19	Longitudinal assessment of symptoms and risk of SARS-CoV-2 infection in healthcare workers across 5 hospitals to understand ethnic differences in infection risk EClinicalMedicine, 2021, 34, 100835.	7.1	20
20	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. BMJ Nutrition, Prevention and Health, 2021, 4, 149-157.	3.7	91
21	Associations of circulating choline and its related metabolites with cardiometabolic biomarkers: an international pooled analysis. American Journal of Clinical Nutrition, 2021, 114, 893-906.	4.7	11
22	Gut microbiome diversity and composition is associated with hypertension in women. Journal of Hypertension, 2021, 39, 1810-1816.	0.5	22
23	Endocannabinoid system mediates the association between gut-microbial diversity and anhedonia/amotivation in a general population cohort. Molecular Psychiatry, 2021, 26, 6269-6276.	7.9	24
24	Extensive weight loss reduces glycan age by altering IgG N-glycosylation. International Journal of Obesity, 2021, 45, 1521-1531.	3.4	29
25	Markers of metabolic health and gut microbiome diversity: findings from two population-based cohort studies. Diabetologia, 2021, 64, 1749-1759.	6.3	30
26	Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study. Lancet Infectious Diseases, The, 2021, 21, 939-949.	9.1	744
27	N-glycosylation of immunoglobulin G predicts incident hypertension. Journal of Hypertension, 2021, 39, 2527-2533.	0.5	13
28	Circulating Levels of the Short-Chain Fatty Acid Acetate Mediate the Effect of the Gut Microbiome on Visceral Fat. Frontiers in Microbiology, 2021, 12, 711359.	3.5	86
29	Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397.	27.8	183
30	Diet quality and risk and severity of COVID-19: a prospective cohort study. Gut, 2021, 70, 2096-2104.	12.1	130
31	Plasma N-glycome shows continuous deterioration as the diagnosis of insulin resistance approaches. BMJ Open Diabetes Research and Care, 2021, 9, e002263.	2.8	13
32	The complexities of the diet-microbiome relationship: advances and perspectives. Genome Medicine, 2021, 13, 10.	8.2	58
33	Geo-social gradients in predicted COVID-19 prevalence in Great Britain: results from 1 960 242 users of the COVID-19 Symptoms Study app. Thorax, 2021, 76, 723-725.	5.6	12
34	Differential associations between a priori diet quality scores and markers of cardiovascular health in women: cross-sectional analyses from TwinsUK. British Journal of Nutrition, 2021, 126, 1017-1027.	2.3	5
35	A High Protein Diet Is More Effective in Improving Insulin Resistance and Glycemic Variability Compared to a Mediterranean Diet—A Cross-Over Controlled Inpatient Dietary Study. Nutrients, 2021, 13, 4380.	4.1	25
36	Dietary Influence on Systolic and Diastolic Blood Pressure in the TwinsUK Cohort. Nutrients, 2020, 12, 2130.	4.1	9

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37	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	21.4	91
38	A reference map of potential determinants for the human serum metabolome. Nature, 2020, 588, 135-140.	27.8	230
39	Widespread smell testing for COVID-19 has limited application – Authors' reply. Lancet, The, 2020, 396, 1630-1631.	13.7	4
40	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. Science, 2020, 368, 1362-1367.	12.6	313
41	Real-time tracking of self-reported symptoms to predict potential COVID-19. Nature Medicine, 2020, 26, 1037-1040.	30.7	1,173
42	Serum metabolites reflecting gut microbiome alpha diversity predict type 2 diabetes. Gut Microbes, 2020, 11, 1632-1642.	9.8	65
43	Quantifying additional COVID-19 symptoms will save lives. Lancet, The, 2020, 395, e107-e108.	13.7	87
44	Consumption of Stilbenes and Flavonoids is Linked to Reduced Risk of Obesity Independently of Fiber Intake. Nutrients, 2020, 12, 1871.	4.1	19
45	Genomic Determinants of Hypertension With a Focus on Metabolomics and the Gut Microbiome. American Journal of Hypertension, 2020, 33, 473-481.	2.0	16
46	Genome-wide scan identifies novel genetic loci regulating salivary metabolite levels. Human Molecular Genetics, 2020, 29, 864-875.	2.9	13
47	Effects of Environmental Factors on Severity and Mortality of COVID-19. Frontiers in Medicine, 2020, 7, 607786.	2.6	40
48	Self-Reported Symptoms of COVID-19, Including Symptoms Most Predictive of SARS-CoV-2 Infection, Are Heritable. Twin Research and Human Genetics, 2020, 23, 316-321.	0.6	57
49	Genetic and Environmental Influences of Dietary Indices in a UK Female Twin Cohort. Twin Research and Human Genetics, 2020, 23, 330-337.	0.6	4
50	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. Nature Communications, 2019, 10, 3346.	12.8	188
51	Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. Scientific Reports, 2019, 9, 9758.	3.3	41
52	TwinsUK: The UK Adult Twin Registry Update. Twin Research and Human Genetics, 2019, 22, 523-529.	0.6	116
53	Metabolomic profiling identifies novel associations with Electrolyte and Acid-Base Homeostatic patterns. Scientific Reports, 2019, 9, 15088.	3.3	7
54	Circulating levels of the anti-oxidant indoleproprionic acid are associated with higher gut microbiome diversity. Gut Microbes, 2019, 10, 688-695.	9.8	67

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55	â€RA and the microbiome: do host genetic factors provide the link?. Journal of Autoimmunity, 2019, 99, 104-115.	6.5	42
56	Microbiome genetics links short-chain fatty acids to metabolic diseases. Nature Metabolism, 2019, 1, 420-421.	11.9	2
57	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. American Journal of Epidemiology, 2019, 188, 991-1012.	3.4	81
58	Ascorbic acid metabolites are involved in intraocular pressure control in the general population. Redox Biology, 2019, 20, 349-353.	9.0	31
59	Circulating glucuronic acid predicts healthspan and longevity in humans and mice. Aging, 2019, 11, 7694-7706.	3.1	21
60	Metabolomic markers of fatigue: Association between circulating metabolome and fatigue in women with chronic widespread pain. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 601-606.	3.8	21
61	Glycosylation Profile of Immunoglobulin G Is Cross-Sectionally Associated With Cardiovascular Disease Risk Score and Subclinical Atherosclerosis in Two Independent Cohorts. Circulation Research, 2018, 122, 1555-1564.	4.5	87
62	Metabolomic Pathways to Osteoporosis in Middle-Aged Women: A Genome-Metabolome-Wide Mendelian Randomization Study. Journal of Bone and Mineral Research, 2018, 33, 643-650.	2.8	44
63	Multi-OMICS analyses of frailty and chronic widespread musculoskeletal pain suggest involvement of shared neurological pathways. Pain, 2018, 159, 2565-2572.	4.2	38
64	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. Scientific Reports, 2018, 8, 15249.	3.3	42
65	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
66	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
67	The fecal metabolome as a functional readout of the gut microbiome. Nature Genetics, 2018, 50, 790-795.	21.4	482
68	Genetic and microbiome influence on lipid metabolism and dyslipidemia. Physiological Genomics, 2018, 50, 117-126.	2.3	84
69	Gut microbiota associations with common diseases and prescription medications in a population-based cohort. Nature Communications, 2018, 9, 2655.	12.8	411
70	Omega-6 oxylipins generated by soluble epoxide hydrolase are associated with knee osteoarthritis. Journal of Lipid Research, 2018, 59, 1763-1770.	4.2	41
71	Gut microbial diversity is associated with lower arterial stiffness in women. European Heart Journal, 2018, 39, 2390-2397.	2.2	181
72	Metabolomic signatures of low birthweight: Pathways to insulin resistance and oxidative stress. PLoS ONE, 2018, 13, e0194316.	2.5	21

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73	Inflammatory markers and mediators in heart disease. Aging, 2018, 10, 3061-3062.	3.1	1
74	Lessons on dietary biomarkers from twin studies. Proceedings of the Nutrition Society, 2017, 76, 303-307.	1.0	4
75	Mixing omics: combining genetics and metabolomics to study rheumatic diseases. Nature Reviews Rheumatology, 2017, 13, 174-181.	8.0	63
76	Effects of statins on the immunoglobulin G glycome. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1152-1158.	2.4	20
77	Whole-genome sequencing identifies common-to-rare variants associated with human blood metabolites. Nature Genetics, 2017, 49, 568-578.	21.4	341
78	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. Nature Genetics, 2017, 49, 834-841.	21.4	426
79	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169
80	New Blood Pressure–Associated Loci Identified in Meta-Analyses of 475 000 Individuals. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	48
81	Hippurate as a metabolomic marker of gut microbiome diversity: Modulation by diet and relationship to metabolic syndrome. Scientific Reports, 2017, 7, 13670.	3.3	193
82	Association of the resolvin precursor 17-HDHA, but not D- or E- series resolvins, with heat pain sensitivity and osteoarthritis pain in humans. Scientific Reports, 2017, 7, 10748.	3.3	47
83	Omega-3 fatty acids correlate with gut microbiome diversity and production of N-carbamylglutamate in middle aged and elderly women. Scientific Reports, 2017, 7, 11079.	3.3	174
84	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	2.7	123
85	Metabolomic Profiling of Longâ€Term Weight Change: Role of Oxidative Stress and Urate Levels in Weight Gain. Obesity, 2017, 25, 1618-1624.	3.0	23
86	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	6.2	154
87	Metabolites of milk intake: a metabolomic approach in UK twins with findings replicated in two European cohorts. European Journal of Nutrition, 2017, 56, 2379-2391.	3.9	24
88	Molecular pathways associated with blood pressure and hexadecanedioate levels. PLoS ONE, 2017, 12, e0175479.	2.5	8
89	Characterizing Blood Metabolomics Profiles Associated with Self-Reported Food Intakes in Female Twins. PLoS ONE, 2016, 11, e0158568.	2.5	92
90	The Pharmacogenetic Footprint of ACE Inhibition: A Population-Based Metabolomics Study. PLoS ONE, 2016, 11, e0153163.	2.5	13

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91	Integrated multiomics approach identifies calcium and integrin-binding protein-2 as a novel gene for pulse wave velocity. Journal of Hypertension, 2016, 34, 79-87.	0.5	18
92	Genome-wide association study of caffeine metabolites provides new insights to caffeine metabolism and dietary caffeine-consumption behavior. Human Molecular Genetics, 2016, 25, ddw334.	2.9	107
93	Metabolomic profiling to dissect the role of visceral fat in cardiometabolic health. Obesity, 2016, 24, 1380-1388.	3.0	41
94	Exploring the molecular basis of age-related disease comorbidities using a multi-omics graphical model. Scientific Reports, 2016, 6, 37646.	3.3	45
95	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	21.4	261
96	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
97	Genome-Wide Meta-Analysis of Cotinine Levels in Cigarette Smokers Identifies Locus at 4q13.2. Scientific Reports, 2016, 6, 20092.	3.3	42
98	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	12.8	245
99	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	12.8	153
100	Blood, urine and faecal metabolite profiles in the study of adult renal disease. Archives of Biochemistry and Biophysics, 2016, 589, 81-92.	3.0	44
101	A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population. Journal of the American Society of Nephrology: JASN, 2016, 27, 1175-1188.	6.1	159
102	Glycosylation Profile of IgG in Moderate Kidney Dysfunction. Journal of the American Society of Nephrology: JASN, 2016, 27, 933-941.	6.1	75
103	Genetic Influences on Metabolite Levels: A Comparison across Metabolomic Platforms. PLoS ONE, 2016, 11, e0153672.	2.5	69
104	Metabolomics profiling reveals novel markers for leukocyte telomere length. Aging, 2016, 8, 77-86.	3.1	33
105	Food Preference Patterns in a UK Twin Cohort. Twin Research and Human Genetics, 2015, 18, 793-805.	0.6	64
106	Integration of â€~omics' data in aging research: from biomarkers to systems biology. Aging Cell, 2015, 14, 933-944.	6.7	103
107	Association of Systemic Lupus Erythematosus With Decreased Immunosuppressive Potential of the IgG Glycome. Arthritis and Rheumatology, 2015, 67, 2978-2989.	5.6	211
108	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331

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109	Gut-Microbiota-Metabolite Axis in Early Renal Function Decline. PLoS ONE, 2015, 10, e0134311.	2.5	134
110	Circulating Proteomic Signatures of Chronological Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 809-816.	3.6	106
111	Circulating Levels of Antioxidant Vitamins Correlate with Better Lung Function and Reduced Exposure to Ambient Pollution. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1203-1207.	5.6	39
112	Blood pressure pharmacogenomics. Journal of Hypertension, 2015, 33, 1142-1143.	0.5	9
113	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
114	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
115	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. Diabetes, 2015, 64, 1841-1852.	0.6	63
116	The Genetic Architecture of the Human Immune System: A Bioresource for Autoimmunity and Disease Pathogenesis. Cell, 2015, 161, 387-403.	28.9	292
117	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	173
118	Metabolomic study of carotid–femoral pulse-wave velocity in women. Journal of Hypertension, 2015, 33, 791-796.	0.5	57
119	Metabolomic Identification of a Novel Pathway of Blood Pressure Regulation Involving Hexadecanedioate. Hypertension, 2015, 66, 422-429.	2.7	90
120	Twin studies advance the understanding of gene–environment interplay in human nutrigenomics. Nutrition Research Reviews, 2014, 27, 242-251.	4.1	14
121	Glycans Are a Novel Biomarker of Chronological and Biological Ages. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 779-789.	3.6	297
122	Lipidomics Profiling and Risk of Cardiovascular Disease in the Prospective Population-Based Bruneck Study. Circulation, 2014, 129, 1821-1831.	1.6	445
123	Long term conservation of human metabolic phenotypes and link to heritability. Metabolomics, 2014, 10, 1005-1017.	3.0	58
124	An atlas of genetic influences on human blood metabolites. Nature Genetics, 2014, 46, 543-550.	21.4	1,084
125	A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. Nature Communications, 2014, 5, 4871.	12.8	62
126	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818

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127	Biomarkers for Type 2 Diabetes and Impaired Fasting Glucose Using a Nontargeted Metabolomics Approach. Diabetes, 2013, 62, 4270-4276.	0.6	356
128	Targeted metabolomics profiles are strongly correlated with nutritional patterns in women. Metabolomics, 2013, 9, 506-514.	3.0	110
129	Metabolomic markers reveal novel pathways of ageing and early development in human populations. International Journal of Epidemiology, 2013, 42, 1111-1119.	1.9	241
130	The BRC Allergene Project: heritability of nickel allergy and genetic determinants. Lancet, The, 2013, 381, S16.	13.7	0
131	Does the 9p region affect arterial stiffness? Results from a cohort of hypertensive individuals. Blood Pressure, 2013, 22, 302-306.	1.5	9
132	Heritability analyses show visit-to-visit blood pressure variability reflects different pathological phenotypes in younger and older adults. Journal of Hypertension, 2013, 31, 2356-2361.	0.5	36
133	Novel genetic variants associated with lumbar disc degeneration in northern Europeans: a meta-analysis of 4600 subjects. Annals of the Rheumatic Diseases, 2013, 72, 1141-1148.	0.9	118
134	Glycosylation of Immunoglobulin G: Role of Genetic and Epigenetic Influences. PLoS ONE, 2013, 8, e82558.	2.5	105
135	Genes Contributing to Pain Sensitivity in the Normal Population: An Exome Sequencing Study. PLoS Genetics, 2012, 8, e1003095.	3.5	49
136	Variant on chromosome 9p is associated with left ventricular mass. Journal of Hypertension, 2012, 30, 2144-2150.	0.5	3
137	Short and Long Term Variation in Ultraviolet Radiation and Multiple Sclerosis. International Journal of Environmental Research and Public Health, 2012, 9, 685-697.	2.6	11
138	Evaluation of How Gene-Job Strain Interaction Affects Blood Pressure in the PAMELA Study. Psychosomatic Medicine, 2011, 73, 304-309.	2.0	9
139	Association between ADRA1A gene and the metabolic syndrome: candidate genes and functional counterpart in the PAMELA population. Journal of Hypertension, 2011, 29, 1121-1127.	0.5	18
140	The effects of sex and method of blood pressure measurement on genetic associations with blood pressure in the PAMELA study. Journal of Hypertension, 2010, 28, 465-477.	0.5	32
141	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. PLoS Genetics, 2010, 6, e1001177.	3.5	312
142	Association between Protective and Deleterious HLA Alleles with Multiple Sclerosis in Central East Sardinia. PLoS ONE, 2009, 4, e6526.	2.5	12
143	Hypertension and genome-wide association studies: combining high fidelity phenotyping and hypercontrols. Journal of Hypertension, 2008, 26, 1275-1281.	0.5	37
144	Biological consequences of stress: conflicting findings on the association between job strain and blood pressure. Ergonomics, 2007, 50, 1717-1726.	2.1	17

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145	Real-time tracking of self-reported symptoms to predict potential COVID-19. , 0, .		1
146	Longitudinal Assessment of Symptoms and Risk of SARS-CoV-2 Infection in Healthcare Workers Across 5 Hospitals to Understand Ethnic Differences in Infection Risk. SSRN Electronic Journal, 0, , .	0.4	0