Dipender Gill

List of Publications by Year
in descending order

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145 papers	5,010 citations	126708 33 h-index	149479 56 g-index
177 all docs	177 docs citations	177 times ranked	5121 citing authors

#	Article	IF	Citations
1	Guidelines for performing Mendelian randomization investigations. Wellcome Open Research, 2019, 4, 186.	0.9	661
2	Guidelines for performing Mendelian randomization investigations. Wellcome Open Research, 2019, 4, 186.	0.9	511
3	Understanding the consequences of education inequality on cardiovascular disease: mendelian randomisation study. BMJ: British Medical Journal, 2019, 365, l1855.	2.4	172
4	Genetically Determined Levels of Circulating Cytokines and Risk of Stroke. Circulation, 2019, 139, 256-268.	1.6	147
5	Combining evidence from Mendelian randomization and colocalization: Review and comparison of approaches. American Journal of Human Genetics, 2022, 109, 767-782.	2.6	101
6	Clinical Trials of Immunomodulation in Ischemic Stroke. Neurotherapeutics, 2016, 13, 791-800.	2.1	100
7	Use of Genetic Variants Related to Antihypertensive Drugs to Inform on Efficacy and Side Effects. Circulation, 2019, 140, 270-279.	1.6	99
8	Cardiometabolic Traits, Sepsis, and Severe COVID-19. Circulation, 2020, 142, 1791-1793.	1.6	93
9	Interleukin-6 Signaling Effects on Ischemic Stroke and Other Cardiovascular Outcomes. Circulation Genomic and Precision Medicine, 2020, 13, e002872.	1.6	90
10	Mendelian randomization for studying the effects of perturbing drug targets. Wellcome Open Research, 2021, 6, 16.	0.9	90
11	Genetic Determinants of Lipids and Cardiovascular Disease Outcomes. Circulation Genomic and Precision Medicine, 2019, 12, e002711.	1.6	83
12	Type 2 Diabetes and Cancer: An Umbrella Review of Observational and Mendelian Randomization Studies. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 1218-1228.	1.1	80
13	Mendelian Randomization Study of Obesity and Cerebrovascular Disease. Annals of Neurology, 2020, 87, 516-524.	2.8	76
14	Urate, Blood Pressure, and Cardiovascular Disease. Hypertension, 2021, 77, 383-392.	1.3	75
15	Iron Status and Risk of Stroke. Stroke, 2018, 49, 2815-2821.	1.0	74
16	The Effect of Iron Status on Risk of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1788-1792.	1.1	72
17	A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. Nature Genetics, 2022, 54, 761-771.	9.4	68
18	Education protects against coronary heart disease and stroke independently of cognitive function: evidence from Mendelian randomization. International Journal of Epidemiology, 2019, 48, 1468-1477.	0.9	60

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19	Genetically determined blood pressure, antihypertensive drug classes, and risk of stroke subtypes. Neurology, 2020, 95, e353-e361.	1.5	60
20	Are we underestimating seroprevalence of SARS-CoV-2?. BMJ, The, 2020, 370, m3364.	3.0	56
21	Lipoprotein(a) in Alzheimer, Atherosclerotic, Cerebrovascular, Thrombotic, and Valvular Disease. Circulation, 2020, 141, 1826-1828.	1.6	56
22	Relationship Between Blood Pressure and Incident Cardiovascular Disease: Linear and Nonlinear Mendelian Randomization Analyses. Hypertension, 2021, 77, 2004-2013.	1.3	55
23	Lifestyle and metabolic factors for nonalcoholic fatty liver disease: Mendelian randomization study. European Journal of Epidemiology, 2022, 37, 723-733.	2.5	54
24	Obesity, Type 2 Diabetes, Lifestyle Factors, and Risk of Gallstone Disease: A Mendelian Randomization Investigation. Clinical Gastroenterology and Hepatology, 2022, 20, e529-e537.	2.4	53
25	High-throughput multivariable Mendelian randomization analysis prioritizes apolipoprotein B as key lipid risk factor for coronary artery disease. International Journal of Epidemiology, 2021, 50, 893-901.	0.9	52
26	Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. PLoS Medicine, 2020, 17, e1003288.	3.9	51
27	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. Nature Communications, 2021, 12, 2579.	5.8	51
28	Sex hormone binding globulin and risk of breast cancer: a Mendelian randomization study. International Journal of Epidemiology, 2019, 48, 807-816.	0.9	50
29	Associations of genetically determined iron status across the phenome: A mendelian randomization study. PLoS Medicine, 2019, 16, e1002833.	3.9	48
30	Mendelian randomization for studying the effects of perturbing drug targets. Wellcome Open Research, 2021, 6, 16.	0.9	48
31	Prioritizing the Role of Major Lipoproteins and Subfractions as Risk Factors for Peripheral Artery Disease. Circulation, 2021, 144, 353-364.	1.6	47
32	The Ca2+-gated channel TMEM16A amplifies capillary pericyte contraction and reduces cerebral blood flow after ischemia. Journal of Clinical Investigation, 2022, 132, .	3.9	46
33	Genetically Determined FXI (Factor XI) Levels and Risk of Stroke. Stroke, 2018, 49, 2761-2763.	1.0	45
34	Effects of Genetically Determined Iron Status on Risk of Venous Thromboembolism and Carotid Atherosclerotic Disease: A Mendelian Randomization Study. Journal of the American Heart Association, 2019, 8, e012994.	1.6	45
35	Genetically Determined Uric Acid and the Risk of Cardiovascular and Neurovascular Diseases: A Mendelian Randomization Study of Outcomes Investigated in Randomized Trials. Journal of the American Heart Association, 2019, 8, e012738.	1.6	42
36	Circulating inflammatory cytokines and risk of five cancers: a Mendelian randomization analysis. BMC Medicine, 2022, 20, 3.	2.3	41

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37	Mendelian randomization incorporating uncertainty about pleiotropy. Statistics in Medicine, 2017, 36, 4627-4645.	0.8	39
38	Risk factors mediating the effect of body mass index and waist-to-hip ratio on cardiovascular outcomes: Mendelian randomization analysis. International Journal of Obesity, 2021, 45, 1428-1438.	1.6	39
39	Transferability of genetic risk scores in African populations. Nature Medicine, 2022, 28, 1163-1166.	15.2	39
40	Age at menarche and lung function: a Mendelian randomization study. European Journal of Epidemiology, 2017, 32, 701-710.	2.5	37
41	Modifiable Risk Factors for Intracranial Aneurysm and Aneurysmal Subarachnoid Hemorrhage: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e022277.	1.6	37
42	Genetically Elevated <scp>LDL</scp> Associates with Lower Risk of Intracerebral Hemorrhage. Annals of Neurology, 2020, 88, 56-66.	2.8	35
43	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. Blood, 2019, 133, 967-977.	0.6	34
44	Global assessment of C-reactive protein and health-related outcomes: an umbrella review of evidence from observational studies and Mendelian randomization studies. European Journal of Epidemiology, 2021, 36, 11-36.	2.5	29
45	Genetically Determined Platelet Count and Risk of Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2862-2869.	1.1	28
46	Could vitamin D reduce obesity-associated inflammation? Observational and Mendelian randomization study. American Journal of Clinical Nutrition, 2020, 111, 1036-1047.	2.2	28
47	Mendelian Randomization Studies in Stroke: Exploration of Risk Factors and Drug Targets With Human Genetic Data. Stroke, 2021, 52, 2992-3003.	1.0	28
48	Temporal Trends in the Levels of Peripherally Circulating Leukocyte Subtypes in the Hours after Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 198-202.	0.7	27
49	Genetically predicted circulating concentrations of micronutrients and risk of colorectal cancer among individuals of European descent: a Mendelian randomization study. American Journal of Clinical Nutrition, 2021, 113, 1490-1502.	2.2	27
50	Genetically Downregulated Interleukin-6 Signaling Is Associated With a Favorable Cardiometabolic Profile. Circulation, 2021, 143, 1177-1180.	1.6	27
51	Genetically predicted circulating concentrations of micronutrients and risk of breast cancer: A Mendelian randomization study. International Journal of Cancer, 2021, 148, 646-653.	2.3	26
52	Cardiovascular Risk Factors and MRI Markers of Cerebral Small Vessel Disease. Neurology, 2022, 98, .	1.5	26
53	A Mendelian randomization of Î³â€² and total fibrinogen levels in relation to venous thromboembolism and ischemic stroke. Blood, 2020, 136, 3062-3069.	0.6	25
54	Genetically proxied interleukin-6 receptor inhibition: opposing associations with COVID-19 and pneumonia. European Respiratory Journal, 2021, 57, 2003545.	3.1	25

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55	GWAS for urinary sodium and potassium excretion highlights pathways shared with cardiovascular traits. Nature Communications, 2019, 10, 3653.	5.8	24
56	Association Between Genetic Variation in Blood Pressure and Increased Lifetime Risk of Peripheral Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2027-2034.	1.1	24
57	Lipid traits and type 2 diabetes risk in African ancestry individuals: A Mendelian Randomization study. EBioMedicine, 2022, 78, 103953.	2.7	23
58	Avoiding collider bias in Mendelian randomization when performing stratified analyses. European Journal of Epidemiology, 2022, 37, 671-682.	2.5	23
59	The Role of Serology Testing to Strengthen Vaccination Initiatives and Policies for COVID-19 in Europe. Covid, 2021, 1, 20-38.	0.7	22
60	Metabolic Traits and Stroke Risk in Individuals of African Ancestry: Mendelian Randomization Analysis. Stroke, 2021, 52, 2680-2684.	1.0	22
61	Systematic review of Mendelian randomization studies on risk of cancer. BMC Medicine, 2022, 20, 41.	2.3	22
62	Genetically Predicted Blood Pressure Across the Lifespan. Hypertension, 2020, 76, 953-961.	1.3	21
63	Maternal Hypertension Increases Risk of Preeclampsia and Low Fetal Birthweight: Genetic Evidence From a Mendelian Randomization Study. Hypertension, 2022, 79, 588-598.	1.3	20
64	Systematic evaluation of the association between hemoglobin levels and metabolic profile implicates beneficial effects of hypoxia. Science Advances, 2021, 7, .	4.7	19
65	Genetically predicted sex hormone levels and health outcomes: phenome-wide Mendelian randomization investigation. International Journal of Epidemiology, 2022, 51, 1931-1942.	0.9	19
66	Genetically Determined Risk of Depression and Functional Outcome After Ischemic Stroke. Stroke, 2019, 50, 2219-2222.	1.0	18
67	Comparison with randomized controlled trials as a strategy for evaluating instruments in Mendelian randomization. International Journal of Epidemiology, 2020, 49, 1404-1406.	0.9	18
68	Causal Effect of MMP-1 (Matrix Metalloproteinase-1), MMP-8, and MMP-12 Levels on Ischemic Stroke. Stroke, 2021, 52, e316-e320.	1.0	18
69	Lightening the viral load to lessen covid-19 severity. BMJ, The, 2020, 371, m4763.	3.0	17
70	Genetically Predicted Midlife Blood Pressure and Coronary Artery Disease Risk: Mendelian Randomization Analysis. Journal of the American Heart Association, 2020, 9, e016773.	1.6	17
71	Trends in C-Reactive Protein Levels Are Associated with Neurological Change Twenty-Four Hours after Thrombolysis for Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 1966-1969.	0.7	16
72	Genetically Predicted Blood Pressure and Risk of Atrial Fibrillation. Hypertension, 2021, 77, 376-382.	1.3	16

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73	Plasma Caffeine Levels and Risk of Alzheimerâ€™s Disease and Parkinsonâ€™s Disease: Mendelian Randomization Study. Nutrients, 2022, 14, 1697.	1.7	16
74	Genetic predisposition to allergic diseases is inversely associated with risk of COVIDâ€19. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1911-1913.	2.7	15
75	Doseâ€“response relationship between genetically proxied average blood glucose levels and incident coronary heart disease in individuals without diabetes mellitus. Diabetologia, 2021, 64, 845-849.	2.9	14
76	Testing for antibodies to SARS-CoV-2. BMJ, The, 2020, 371, m4288.	3.0	13
77	Genetic Evidence for Repurposing of GLP1R (Glucagonâ€Like Peptideâ€1 Receptor) Agonists to Prevent Heart Failure. Journal of the American Heart Association, 2021, 10, e020331.	1.6	13
78	Estimating the Population Benefits of Blood Pressure Lowering: A Wideâ€Angled Mendelian Randomization Study in UK Biobank. Journal of the American Heart Association, 2021, 10, e021098.	1.6	13
79	Genetically Predicted Type 2 Diabetes Mellitus Liability, Glycated Hemoglobin and Cardiovascular Diseases: A Wide-Angled Mendelian Randomization Study. Genes, 2021, 12, 1644.	1.0	13
80	Nonâ€genetic biomarkers and colorectal cancer risk: Umbrella review and evidence triangulation. Cancer Medicine, 2020, 9, 4823-4835.	1.3	12
81	Genetically Proxied Inhibition of Coagulation Factors and Risk of Cardiovascular Disease: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e019644.	1.6	12
82	Ronapreve for prophylaxis and treatment of covid-19. BMJ, The, 2021, 374, n2136.	3.0	12
83	Resting right ventricular function is associated with exercise performance in PAH, but not in CTEPH. European Heart Journal Cardiovascular Imaging, 2018, 19, 185-192.	0.5	12
84	ACE inhibition and cardiometabolic risk factors, lungACE2andTMPRSS2gene expression, and plasma ACE2 levels: a Mendelian randomization study. Royal Society Open Science, 2020, 7, 200958.	1.1	12
85	Polygenic Prediction of Type 2 Diabetes in Africa. Diabetes Care, 2022, 45, 717-723.	4.3	12
86	Leveraging Genetic Data to Elucidate the Relationship Between COVIDâ€19 and Ischemic Stroke. Journal of the American Heart Association, 2021, 10, e022433.	1.6	11
87	Genome-wide meta-analysis of iron status biomarkers and the effect of iron on all-cause mortality in HUNT. Communications Biology, 2022, 5, .	2.0	11
88	Severe Hemorrhagic Transformation after Thrombolysis for Acute Ischemic Stroke Prevents Early Neurological Improvement. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 2232-2236.	0.7	10
89	Genetically predicted iron status and life expectancy. Clinical Nutrition, 2021, 40, 2456-2459.	2.3	10
90	Association of Serum Magnesium Levels With Risk of Intracranial Aneurysm. Neurology, 2021, 97, e341-e344.	1.5	10

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91	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. Diabetes Care, 2022, 45, 232-240.	4.3	10
92	Genetic evidence for vitamin D and cardiovascular disease: choice of variants is critical. European Heart Journal, 2022, 43, 1740-1742.	1.0	10
93	The role of the multidisciplinary team in decision making for vascular graft infection. Journal of Vascular Surgery, 2015, 62, 1686.	0.6	9
94	The association between trainee demographic factors and self-reported experience: Analysis of General Medical Council National Training Survey 2014 and 2015 data. JRSM Open, 2016, 7, 205427041663270.	0.2	9
95	Expressing Results From a Mendelian Randomization Analysis. JAMA Cardiology, 2020, 6, 7-8.	3.0	9
96	Coffee consumption and risk of breast cancer: A Mendelian randomization study. PLoS ONE, 2021, 16, e0236904.	1.1	9
97	The evolution of mendelian randomization for investigating drug effects. PLoS Medicine, 2022, 19, e1003898.	3.9	9
98	Disentangling the effects of traits with shared clustered genetic predictors using multivariable Mendelian randomization. Genetic Epidemiology, 2022, 46, 415-429.	0.6	9
99	Unravelling the Distinct Effects of Systolic and Diastolic Blood Pressure Using Mendelian Randomisation. Genes, 2022, 13, 1226.	1.0	9
100	Lowâ€density lipoprotein cholesterol and lifespan: A Mendelian randomization study. British Journal of Clinical Pharmacology, 2021, 87, 3916-3924.	1.1	8
101	We need clinical guidelines fit for a pandemic. BMJ, The, 2021, 373, n1093.	3.0	8
102	Noise-augmented directional clustering of genetic association data identifies distinct mechanisms underlying obesity. PLoS Genetics, 2022, 18, e1009975.	1.5	8
103	Heterogeneity Between Genetic Variants as a Proxy for Pleiotropy in Mendelian Randomization. JAMA Cardiology, 2020, 5, 107.	3.0	7
104	Leveraging human genetic data to investigate the cardiometabolic effects of glucose-dependent insulinotropic polypeptide signalling. Diabetologia, 2021, 64, 2773-2778.	2.9	7
105	Mental Health as a Mediator of the Association Between Educational Inequality and Cardiovascular Disease: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e019340.	1.6	7
106	Use of a Genetic Variant Related to Circulating FXa (Activated Factor X) Levels to Proxy the Effect of FXa Inhibition on Cardiovascular Outcomes. Circulation Genomic and Precision Medicine, 2020, 13, 551-553.	1.6	7
107	Sleep Disordered Breathing, Obesity and Atrial Fibrillation: A Mendelian Randomisation Study. Genes, 2022, 13, 104.	1.0	7
108	Genetic Evidence Supporting Fibroblast Growth Factor 21 Signalling as a Pharmacological Target for Cardiometabolic Outcomes and Alzheimerâ€™s Disease. Nutrients, 2021, 13, 1504.	1.7	6

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109	Causal Effect of Adiposity Measures on Blood Pressure Traits in 2 Urban Swedish Cohorts: A Mendelian Randomization Study. Journal of the American Heart Association, 2021, 10, e020405.	1.6	6
110	Morning Cortisol and Circulating Inflammatory Cytokine Levels: A Mendelian Randomisation Study. Genes, 2022, 13, 116.	1.0	6
111	ADAMTS5 as a therapeutic target for osteoarthritis: Mendelian randomisation study. Annals of the Rheumatic Diseases, 2022, 81, 903-904.	0.5	6
112	Safety and efficacy of antivirals against SARS-CoV-2. BMJ, The, 2021, 375, n2611.	3.0	6
113	The Potential of Genetic Data for Prioritizing Drug Repurposing Efforts. Neurology, 2022, 99, 267-268.	1.5	6
114	Genetically proxied IL-6 receptor inhibition and risk of polymyalgia rheumatica. Annals of the Rheumatic Diseases, 2022, 81, 1480-1482.	0.5	6
115	Educational attainment as a modifier for the effect of polygenic scores for cardiovascular risk factors: cross-sectional and prospective analysis of UK Biobank. International Journal of Epidemiology, 2022, 51, 885-897.	0.9	5
116	Genetically Predicted Neutrophil-to-Lymphocyte Ratio and Coronary Artery Disease: Evidence From Mendelian Randomization. Circulation Genomic and Precision Medicine, 2022, 15, CIRCGEN121003553.	1.6	5
117	Inhibition of interleukin 6 signalling and renal function: A Mendelian randomization study. British Journal of Clinical Pharmacology, 2021, 87, 3000-3013.	1.1	4
118	Genetically proxied growthâ€differentiation factor 15 levels and body mass index. British Journal of Clinical Pharmacology, 2021, 87, 4036-4039.	1.1	4
119	Cross-sectional analysis of educational inequalities in primary prevention statin use in UK Biobank. Heart, 2022, 108, 536-542.	1.2	4
120	GWAS Identifies LINC01184/SLC12A2 as a Risk Locus for Skin and Soft Tissue Infections. Journal of Investigative Dermatology, 2021, 141, 2083-2086.e8.	0.3	4
121	Leveraging genetic data to investigate the effects of interleukinâ€6 receptor signalling on levels of 40 circulating cytokines. British Journal of Clinical Pharmacology, 2021, , .	1.1	4
122	A case series of vaccineâ€induced thrombotic thrombocytopenia in a London teaching hospital. British Journal of Clinical Pharmacology, 2021, , .	1.1	4
123	Estimated weight is not a reliable measure for dosing tissue plasminogen activator for thrombolysis in acute ischaemic stroke. International Journal of Stroke, 2016, 11, NP25-NP26.	2.9	3
124	Rising numbers of positive covid-19 tests in the UK. BMJ, The, 2020, 370, m3605.	3.0	3
125	The consequences of adjustment, correction and selection in genome-wide association studies used for two-sample Mendelian randomization. Wellcome Open Research, 0, 6, 103.	0.9	3
126	Systemic iron status and maternal pregnancy complications: a Mendelian randomization study. International Journal of Epidemiology, 2022, 51, 1024-1027.	0.9	3

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127	Treatment of severe covid-19 with interleukin 6 receptor inhibition. , 2022, 1, e000144.		3
128	Sodium-glucose cotransporter 1 inhibition and gout: Mendelian randomisation study. Seminars in Arthritis and Rheumatism, 2022, 56, 152058.	1.6	3
129	Antivirals against SARS-CoV-2 by autumn?. BMJ, The, 2021, 373, n1215.	3.0	2
130	Association of Thyroid Function with Blood Pressure and Cardiovascular Disease: A Mendelian Randomization. Journal of Personalized Medicine, 2021, 11, 1306.	1.1	2
131	Genetically Predicted Pulse Pressure and Risk of Abdominal Aortic Aneurysm: A Mendelian Randomization Analysis. Circulation Genomic and Precision Medicine, 2022, 15, 101161CIRCGEN121003575.	1.6	2
132	Cerebellar Hemorrhage Presenting with Ventricular Tachycardia. Journal of Stroke and Cerebrovascular Diseases, 2015, 24, e311-e313.	0.7	1
133	Multilocular thymic cyst presenting with apparent cardiac enlargement on chest radiograph. Postgraduate Medical Journal, 2016, 92, 686-686.	0.9	1
134	Letter by Gill Regarding Article, â€œWhite Blood Cells and Blood Pressure: A Mendelian Randomization Studyâ€• Circulation, 2020, 142, e187-e188.	1.6	1
135	Blood Pressure Modification and Life Expectancy in a General Population. Circulation Genomic and Precision Medicine, 2020, 13, e003143.	1.6	1
136	Distinguishing causation from genetic correlation in a Mendelian randomisation framework. European Respiratory Journal, 2021, 58, 2101346.	3.1	1
137	Leverage of genetic variants proxying smoking intensity to explore the broad health consequences of smoking. EClinicalMedicine, 2020, 26, 100498.	3.2	0
138	A Good Start to Shed More Light on the Relationship Between Glycemic Traits, Diabetes Mellitus, and Cerebrovascular Disease. Neurology, 2021, 96, 602-603.	1.5	0
139	P62â€…Educational inequalities in statin treatment: cross-sectional analysis of UK biobank. , 2021, , .		0
140	145Educational inequalities in primary prevention statin use in UK Biobank. International Journal of Epidemiology, 2021, 50, .	0.9	0
141	Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288.		0
142	Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288.		0
143	Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288.		0
144	Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288.		0

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145	Genetics of height and risk of atrial fibrillation: A Mendelian randomization study. , 2020, 17, e1003288.		0