

Robin G Walters

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

11,013
citations

47006

47
h-index

40979

93
g-index

117
all docs

117
docs citations

117
times ranked

14801
citing authors

#	ARTICLE	IF	CITATIONS
1	Trans-ethnic Mendelian-randomization study reveals causal relationships between cardiometabolic factors and chronic kidney disease. <i>International Journal of Epidemiology</i> , 2022, 50, 1995-2010.	1.9	39
2	Alcohol metabolism genes and risks of site-specific cancers in Chinese adults: An 11-year prospective study. <i>International Journal of Cancer</i> , 2022, 150, 1627-1639.	5.1	19
3	Limb development genes underlie variation in human fingerprint patterns. <i>Cell</i> , 2022, 185, 95-112.e18.	28.9	30
4	Applying Mendelian randomization to appraise causality in relationships between nutrition and cancer. <i>Cancer Causes and Control</i> , 2022, 33, 631-652.	1.8	7
5	Polygenic risk scores for prediction of breast cancer risk in Asian populations. <i>Genetics in Medicine</i> , 2022, 24, 586-600.	2.4	27
6	Association of Red Meat Consumption, Metabolic Markers, and Risk of Cardiovascular Diseases. <i>Frontiers in Nutrition</i> , 2022, 9, 833271.	3.7	11
7	Genetic associations of adult height with risk of cardioembolic and other subtypes of ischemic stroke: A mendelian randomization study in multiple ancestries. <i>PLoS Medicine</i> , 2022, 19, e1003967.	8.4	9
8	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	21.4	250
9	Dairy consumption and risks of total and site-specific cancers in Chinese adults: an 11-year prospective study of 0.5 million people. <i>BMC Medicine</i> , 2022, 20, 134.	5.5	20
10	Within-sibship genome-wide association analyses decrease bias in estimates of direct genetic effects. <i>Nature Genetics</i> , 2022, 54, 581-592.	21.4	142
11	Metabolic Signatures of Genetically Elevated Vitamin D Among Chinese: Observational and Mendelian Randomization Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3249-e3260.	3.6	5
12	Improved prediction of fracture risk leveraging a genome-wide polygenic risk score. <i>Genome Medicine</i> , 2021, 13, 16.	8.2	35
13	Improved lipidomic profile mediates the effects of adherence to healthy lifestyles on coronary heart disease. <i>ELife</i> , 2021, 10, .	6.0	15
14	A large-scale genome-wide association analysis of lung function in the Chinese population identifies novel loci and highlights shared genetic aetiology with obesity. <i>European Respiratory Journal</i> , 2021, 58, 2100199.	6.7	30
15	Causal effects of gallstone disease on risk of gastrointestinal cancer in Chinese. <i>British Journal of Cancer</i> , 2021, 124, 1864-1872.	6.4	13
16	Alcohol drinking and risks of total and site-specific cancers in China: A 10-year prospective study of 0.5 million adults. <i>International Journal of Cancer</i> , 2021, 149, 522-534.	5.1	13
17	Association of heart rate and diabetes among 0.5 million adults in the China Kadoorie biobank: Results from observational and Mendelian randomization analyses. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2328-2337.	2.6	4
18	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	27.8	183

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19	Alcohol drinking and risks of liver cancer and non-neoplastic chronic liver diseases in China: a 10-year prospective study of 0.5 million adults. <i>BMC Medicine</i> , 2021, 19, 216.	5.5	22
20	Epigenome-wide analysis of DNA methylation and coronary heart disease: a nested case-control study. <i>ELife</i> , 2021, 10, .	6.0	16
21	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. <i>JAMA Psychiatry</i> , 2021, 78, 1258.	11.0	88
22	279GWAS of heart rate in 87,759 Chinese subjects highlighted its genetic correlations with cardiometabolic traits. <i>International Journal of Epidemiology</i> , 2021, 50, .	1.9	0
23	Response to comment on "Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics". <i>Science Translational Medicine</i> , 2021, 13, eabf4530.	12.4	1
24	The relative and attributable risks of cardia and non-cardia gastric cancer associated with <i>Helicobacter pylori</i> infection in China: a case-cohort study. <i>Lancet Public Health</i> , The, 2021, 6, e888-e896.	10.0	78
25	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	27.8	353
26	Genome-wide association study of intracranial aneurysms identifies 17 risk loci and genetic overlap with clinical risk factors. <i>Nature Genetics</i> , 2020, 52, 1303-1313.	21.4	163
27	The genetic architecture of sporadic and multiple consecutive miscarriage. <i>Nature Communications</i> , 2020, 11, 5980.	12.8	52
28	Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020, 582, 240-245.	27.8	282
29	Mortality and recurrent vascular events after first incident stroke: a 9-year community-based study of 0.5 million Chinese adults. <i>The Lancet Global Health</i> , 2020, 8, e580-e590.	6.3	137
30	Evaluating the cardiovascular safety of sclerostin inhibition using evidence from meta-analysis of clinical trials and human genetics. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	68
31	Genetic risk, adherence to a healthy lifestyle, and type 2 diabetes risk among 550,000 Chinese adults: results from 2 independent Asian cohorts. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 698-707.	4.7	38
32	Genetically Elevated <i>LDL</i> Associates with Lower Risk of Intracerebral Hemorrhage. <i>Annals of Neurology</i> , 2020, 88, 56-66.	5.3	35
33	Systemic inflammation is associated with incident stroke and heart disease in East Asians. <i>Scientific Reports</i> , 2020, 10, 5605.	3.3	15
34	Genetic Predisposition to Type 2 Diabetes and Risk of Subclinical Atherosclerosis and Cardiovascular Diseases Among 160,000 Chinese Adults. <i>Diabetes</i> , 2019, 68, 2155-2164.	0.6	42
35	Identification of risk loci and a polygenic risk score for lung cancer: a large-scale prospective cohort study in Chinese populations. <i>Lancet Respiratory Medicine</i> , the, 2019, 7, 881-891.	10.7	167
36	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84

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37	Alcohol consumption and vascular disease: other points to consider – Authors' reply. <i>Lancet</i> , The, 2019, 394, 1618.	13.7	1
38	Vitamin D and cause-specific vascular disease and mortality: a Mendelian randomisation study involving 99,012 Chinese and 106,911 European adults. <i>BMC Medicine</i> , 2019, 17, 160.	5.5	44
39	Physical Activity, Sedentary Leisure Time, Circulating Metabolic Markers, and Risk of Major Vascular Diseases. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, 386-396.	3.6	24
40	The transferability of lipid loci across African, Asian and European cohorts. <i>Nature Communications</i> , 2019, 10, 4330.	12.8	75
41	Causal associations of blood lipids with risk of ischemic stroke and intracerebral hemorrhage in Chinese adults. <i>Nature Medicine</i> , 2019, 25, 569-574.	30.7	200
42	Conventional and genetic evidence on alcohol and vascular disease aetiology: a prospective study of 500,000 men and women in China. <i>Lancet</i> , The, 2019, 393, 1831-1842.	13.7	320
43	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019, 51, 481-493.	21.4	350
44	Lipids, Lipoproteins, and Metabolites and Risk of Myocardial Infarction and Stroke. <i>Journal of the American College of Cardiology</i> , 2018, 71, 620-632.	2.8	294
45	Association of low-activity ALDH2 and alcohol consumption with risk of esophageal cancer in Chinese adults: A population-based cohort study. <i>International Journal of Cancer</i> , 2018, 143, 1652-1661.	5.1	22
46	Association of <i>CETP</i> Gene Variants With Risk for Vascular and Nonvascular Diseases Among Chinese Adults. <i>JAMA Cardiology</i> , 2018, 3, 34.	6.1	54
47	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. <i>Circulation</i> , 2018, 138, 2499-2512.	1.6	69
48	Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018, 9, 5052.	12.8	75
49	Genomic Analyses from Non-invasive Prenatal Testing Reveal Genetic Associations, Patterns of Viral Infections, and Chinese Population History. <i>Cell</i> , 2018, 175, 347-359.e14.	28.9	213
50	Age-specific association between blood pressure and vascular and non-vascular chronic diseases in 0.5 million adults in China: a prospective cohort study. <i>The Lancet Global Health</i> , 2018, 6, e641-e649.	6.3	110
51	Adiposity and risk of ischaemic and haemorrhagic stroke in 0.5 million Chinese men and women: a prospective cohort study. <i>The Lancet Global Health</i> , 2018, 6, e630-e640.	6.3	59
52	Association of vitamin D with risk of type 2 diabetes: A Mendelian randomisation study in European and Chinese adults. <i>PLoS Medicine</i> , 2018, 15, e1002566.	8.4	82
53	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017, 49, 416-425.	21.4	257
54	Fresh fruit consumption and all-cause and cause-specific mortality: findings from the China Kadoorie Biobank. <i>International Journal of Epidemiology</i> , 2017, 46, 1444-1455.	1.9	35

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55	Bone mineral density and risk of type 2 diabetes and coronary heart disease: A Mendelian randomization study. <i>Wellcome Open Research</i> , 2017, 2, 68.	1.8	26
56	Lipoprotein-Associated Phospholipase A 2 Loss-of-Function Variant and Risk of Vascular Diseases in 90,000 Chinese Adults. <i>Journal of the American College of Cardiology</i> , 2016, 67, 230-231.	2.8	23
57	Evaluation of type 2 diabetes genetic risk variants in Chinese adults: findings from 93,000 individuals from the China Kadoorie Biobank. <i>Diabetologia</i> , 2016, 59, 1446-1457.	6.3	41
58	A phenome-wide association study of a lipoprotein-associated phospholipase A ₂ loss-of-function variant in 90 000 Chinese adults. <i>International Journal of Epidemiology</i> , 2016, 45, 1588-1599.	1.9	36
59	Truncating Homozygous Mutation of Carboxypeptidase E (CPE) in a Morbidly Obese Female with Type 2 Diabetes Mellitus, Intellectual Disability and Hypogonadotropic Hypogonadism. <i>PLoS ONE</i> , 2015, 10, e0131417.	2.5	72
60	Associations of blood glucose and prevalent diabetes with risk of cardiovascular disease in 500 000 adult Chinese: the China Kadoorie Biobank. <i>Diabetic Medicine</i> , 2014, 31, 540-551.	2.3	45
61	Regional variations in the prevalence and misdiagnosis of air flow obstruction in China: baseline results from a prospective cohort of the China Kadoorie Biobank (CKB). <i>BMJ Open Respiratory Research</i> , 2014, 1, e000025.	3.0	21
62	Abstract 16532: Impact of Systolic Blood Pressure on Cardiovascular Disease in a Chinese Population: A Mendelian Randomization Study. <i>Circulation</i> , 2014, 130, .	1.6	2
63	Rare Genomic Structural Variants in Complex Disease: Lessons from the Replication of Associations with Obesity. <i>PLoS ONE</i> , 2013, 8, e58048.	2.5	33
64	Gene-Targeted Analysis of Copy Number Variants Identifies 3 Novel Associations With Coronary Heart Disease Traits. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 555-560.	5.1	9
65	Novel association approach for variable number tandem repeats (VNTRs) identifies DOCK5 as a susceptibility gene for severe obesity. <i>Human Molecular Genetics</i> , 2012, 21, 3727-3738.	2.9	37
66	Childhood Obesity Is Associated with Shorter Leukocyte Telomere Length. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1500-1505.	3.6	127
67	Mirror extreme BMI phenotypes associated with gene dosage at the chromosome 16p11.2 locus. <i>Nature</i> , 2011, 478, 97-102.	27.8	394
68	famCNV: copy number variant association for quantitative traits in families. <i>Bioinformatics</i> , 2011, 27, 1873-1875.	4.1	10
69	A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. <i>Nature</i> , 2010, 463, 671-675.	27.8	476
70	cnvHap: an integrative population and haplotype-based multiplatform model of SNPs and CNVs. <i>Nature Methods</i> , 2010, 7, 541-546.	19.0	44
71	A deletion of the HBII-85 class of small nucleolar RNAs (snoRNAs) is associated with hyperphagia, obesity and hypogonadism. <i>Human Molecular Genetics</i> , 2009, 18, 3257-3265.	2.9	253
72	Human genes involved in copy number variation: mechanisms of origin, functional effects and implications for disease. <i>Cytogenetic and Genome Research</i> , 2008, 123, 17-26.	1.1	67

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73	Small Deletion Variants Have Stable Breakpoints Commonly Associated with Alu Elements. PLoS ONE, 2008, 3, e3104.	2.5	52
74	Towards an understanding of photosynthetic acclimation. Journal of Experimental Botany, 2004, 56, 435-447.	4.8	502
75	A Mutant of Arabidopsis Lacking the Triose-Phosphate/Phosphate Translocator Reveals Metabolic Regulation of Starch Breakdown in the Light. Plant Physiology, 2004, 135, 891-906.	4.8	116
76	Acclimation of Arabidopsis thaliana to the light environment: the relationship between photosynthetic function and chloroplast composition. Planta, 2004, 218, 793-802.	3.2	114
77	Absence of the Lhcb1 and Lhcb2 proteins of the light-harvesting complex of photosystem II - effects on photosynthesis, grana stacking and fitness. Plant Journal, 2003, 35, 350-361.	5.7	243
78	Identification of Mutants of Arabidopsis Defective in Acclimation of Photosynthesis to the Light Environment. Plant Physiology, 2003, 131, 472-481.	4.8	80
79	Acclimation of Arabidopsis thaliana to the light environment: the existence of separate low light and high light responses. Planta, 2001, 213, 794-801.	3.2	384
80	Antisense Inhibition of the Photosynthetic Antenna Proteins CP29 and CP26: Implications for the Mechanism of Protective Energy Dissipation. Plant Cell, 2001, 13, 1193.	6.6	0
81	Antisense Inhibition of the Photosynthetic Antenna Proteins CP29 and CP26: Implications for the Mechanism of Protective Energy Dissipation. Plant Cell, 2001, 13, 1193-1204.	6.6	152
82	Increasing Rice Photosynthesis by Manipulation of the Acclimation and Adaptation to Light. Novartis Foundation Symposium, 2001, 236, 117-134.	1.1	8
83	Structural and functional heterogeneity in the major light-harvesting complexes of higher plants. , 1999, 61, 77-90.		21
84	Acclimation of Arabidopsis thaliana to the light environment: the role of photoreceptors. Planta, 1999, 209, 517-527.	3.2	105
85	The effects of elevated light on Photosystem II function: A thermoluminescence study. Photosynthesis Research, 1997, 54, 169-183.	2.9	6
86	Identification of proton-active residues in a higher plant light-harvesting complex. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14204-14209.	7.1	116
87	REGULATION OF LIGHT HARVESTING IN GREEN PLANTS. Annual Review of Plant Biology, 1996, 47, 655-684.	14.3	1,574
88	Acclimation of Arabidopsis thaliana to the light environment: changes in photosynthetic function. Planta, 1995, 197, 306-12.	3.2	51
89	Science and democracy. Nature, 1995, 375, 10-10.	27.8	0
90	DCCD Binds to Lumen-Exposed Glutamate Residues in LHClc. , 1995, , 299-302.		4

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91	Higher Plant Light-Harvesting Complexes LHCIIa and LHCIIc are Bound by Dicyclohexylcarbodiimide During Inhibition of Energy Dissipation. FEBS Journal, 1994, 226, 1063-1069.	0.2	119
92	Regulation of Light Harvesting in Green Plants (Indication by Nonphotochemical Quenching of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	4.8	277
93	Theoretical assessment of alternative mechanisms for non-photochemical quenching of PS II fluorescence in barley leaves. Photosynthesis Research, 1993, 36, 119-139.	2.9	107
94	The molecular mechanism of the control of excitation energy dissipation in chloroplast membranes Inhibition of \hat{p} H-dependent quenching of chlorophyll fluorescence by dicyclohexylcarbodiimide. FEBS Letters, 1992, 309, 175-179.	2.8	68
95	Resolution of components of non-photochemical chlorophyll fluorescence quenching in barley leaves. Photosynthesis Research, 1991, 27, 121-133.	2.9	264
96	The Use of Light Pulses to Investigate the Relaxation in the Dark of Chlorophyll Fluorescence Quenching in Barley Leaves. , 1990, , 631-634.		6
97	Association of egg consumption, metabolic markers, and risk of cardiovascular diseases: A nested case-control study. ELife, 0, 11, .	6.0	2