

Marcel den Hoed

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

4,535
citations

236925

25
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

10211
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas9 induces large structural variants at on-target and off-target sites in vivo that segregate across generations. <i>Nature Communications</i> , 2022, 13, 627.	12.8	65
2	Multi-phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	3.8	12
3	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. <i>Nature Metabolism</i> , 2022, 4, 476-494.	11.9	16
4	Genome-wide discovery of genetic loci that uncouple excess adiposity from its comorbidities. <i>Nature Metabolism</i> , 2021, 3, 228-243.	11.9	70
5	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , 2021, 5, 1717-1730.	12.0	62
6	Translating GWAS-identified loci for cardiac rhythm and rate using an in vivo image- and CRISPR/Cas9-based approach. <i>Scientific Reports</i> , 2020, 10, 11831.	3.3	12
7	Amplification-free long-read sequencing reveals unforeseen CRISPR-Cas9 off-target activity. <i>Genome Biology</i> , 2020, 21, 290.	8.8	35
8	Test-retest variability of VO_{2max} using total capture indirect calorimetry reveals linear relationship of VO_{2max} and Power. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 213-222.	2.9	18
9	Biological/Genetic Regulation of Physical Activity Level. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 863-873.	0.4	80
10	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. <i>Nature Communications</i> , 2018, 9, 2904.	12.8	71
11	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018, 50, 524-537.	21.4	1,124
12	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017, 8, 15805.	12.8	95
13	Maternal diabetes and incidence of childhood cancer – a nationwide cohort study and exploratory genetic analysis. <i>Clinical Epidemiology</i> , 2017, Volume 9, 633-642.	3.0	12
14	Identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation. <i>Atherosclerosis</i> , 2017, 266, 196-204.	0.8	3
15	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
16	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2016, 15, 695-707.	10.2	130
17	A genomic approach to therapeutic target validation identifies a glucose-lowering <i>GLP1R</i> variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016, 8, 341ra76.	12.4	100
18	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , 2016, 48, 1462-1472.	21.4	284

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19	GWAS-identified loci for coronary heart disease are associated with intima-media thickness and plaque presence at the carotid artery bulb. <i>Atherosclerosis</i> , 2015, 239, 304-310.	0.8	31
20	Contribution of common non-synonymous variants in PCSK1 to body mass index variation and risk of obesity: a systematic review and meta-analysis with evidence from up to 331 175 individuals. <i>Human Molecular Genetics</i> , 2015, 24, 3582-3594.	2.9	53
21	Assessing Causality in the Association between Child Adiposity and Physical Activity Levels: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2014, 11, e1001618.	8.4	147
22	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836.	21.4	281
23	Gender, Ethnic, and Geographic Variation in Adiposity. , 2014, , 97-112.		0
24	Pleiotropic effects of obesity-susceptibility loci on metabolic traits: a meta-analysis of up to 37,874 individuals. <i>Diabetologia</i> , 2013, 56, 2134-2146.	6.3	32
25	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	21.4	282
26	Heritability of objectively assessed daily physical activity and sedentary behavior. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 1317-1325.	4.7	121
27	Evaluation of common genetic variants identified by GWAS for early onset and morbid obesity in population-based samples. <i>International Journal of Obesity</i> , 2013, 37, 191-196.	3.4	16
28	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
29	Variability in the Heritability of Body Mass Index: A Systematic Review and Meta-Regression. <i>Frontiers in Endocrinology</i> , 2012, 3, 29.	3.5	489
30	Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 851-860.	4.7	58
31	Genetic Susceptibility to Obesity and Related Traits in Childhood and Adolescence. <i>Diabetes</i> , 2010, 59, 2980-2988.	0.6	120
32	Postprandial responses in hunger and satiety are associated with the rs9939609 single nucleotide polymorphism in FTO. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1426-1432.	4.7	93
33	Body composition in 10-13-year-old children: A comparison between air displacement plethysmography and deuterium dilution. <i>Pediatric Obesity</i> , 2009, 4, 397-404.	3.2	7
34	Skeletal muscle fiber-type distribution and habitual physical activity in daily life. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 373-380.	2.9	5
35	Relationship between perilipin gene polymorphisms and body weight and body composition during weight loss and weight maintenance. <i>Physiology and Behavior</i> , 2009, 96, 723-728.	2.1	37
36	SNP analyses of postprandial responses in (an)orexigenic hormones and feelings of hunger reveal long-term physiological adaptations to facilitate homeostasis. <i>International Journal of Obesity</i> , 2008, 32, 1790-1798.	3.4	17

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37	Body composition is associated with physical activity in daily life as measured using a triaxial accelerometer in both men and women. <i>International Journal of Obesity</i> , 2008, 32, 1264-1270.	3.4	20
38	Habitual physical activity in daily life correlates positively with markers for mitochondrial capacity. <i>Journal of Applied Physiology</i> , 2008, 105, 561-568.	2.5	33