

AyÅe Demirkan

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

15,640
citations

117625

34
h-index

197818

49
g-index

62
all docs

62
docs citations

62
times ranked

24009
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-omics study of circulating phospholipid markers of blood pressure. Scientific Reports, 2022, 12, 574.	3.3	10
2	Multi-ancestry genome-wide association study of gestational diabetes mellitus highlights genetic links with type 2 diabetes. Human Molecular Genetics, 2022, 31, 3377-3391.	2.9	47
3	Large-scale association analyses identify host factors influencing human gut microbiome composition. Nature Genetics, 2021, 53, 156-165.	21.4	676
4	Identification of Biomarkers for the Prevention of Chronic Disease. SpringerBriefs in Public Health, 2021, , 9-32.	0.2	1
5	Metabolomics Profile in Depression: A Pooled Analysis of 230 Metabolic Markers in 5283 Cases With Depression and 10,145 Controls. Biological Psychiatry, 2020, 87, 409-418.	1.3	129
6	Lipidomic profiling identifies signatures of metabolic risk. EBioMedicine, 2020, 51, 102520.	6.1	56
7	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. Diabetes, 2020, 69, 2806-2818.	0.6	26
8	CDH6 and HAGH protein levels in plasma associate with Alzheimerâ€™s disease in APOE Î¼4 carriers. Scientific Reports, 2020, 10, 8233.	3.3	17
9	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. PLoS ONE, 2020, 15, e0230815.	2.5	10
10	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drugâ€™ metabolite atlas. Nature Medicine, 2020, 26, 110-117.	30.7	54
11	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
12	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
13	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
14	Smoking-by-genotype interaction in type 2 diabetes risk and fasting glucose. , 2020, 15, e0230815.		0
15	Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium. Scientific Reports, 2019, 9, 11623.	3.3	13
16	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. Nature Genetics, 2019, 51, 1459-1474.	21.4	251
17	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. Nature Communications, 2019, 10, 376.	12.8	64
18	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. American Journal of Human Genetics, 2019, 105, 15-28.	6.2	21

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19	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
20	An integrative cross-omics analysis of DNA methylation sites of glucose and insulin homeostasis. <i>Nature Communications</i> , 2019, 10, 2581.	12.8	62
21	Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. <i>Neurology</i> , 2019, 92, e1899-e1911.	1.1	42
22	Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2019, 126, 393-406.	5.2	88
23	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018, 50, 559-571.	21.4	356
24	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018, 14, 707-722.	0.8	143
25	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. <i>Atherosclerosis</i> , 2018, 272, 60-65.	0.8	24
26	Large-scale whole-exome sequencing association studies identify rare functional variants influencing serum urate levels. <i>Nature Communications</i> , 2018, 9, 4228.	12.8	43
27	A combined linkage, microarray and exome analysis suggests MAP3K11 as a candidate gene for left ventricular hypertrophy. <i>BMC Medical Genomics</i> , 2018, 11, 22.	1.5	4
28	An Analysis of Two Genome-wide Association Meta-analyses Identifies a New Locus for Broad Depression Phenotype. <i>Biological Psychiatry</i> , 2017, 82, 322-329.	1.3	84
29	A Mendelian Randomization Study of Metabolite Profiles, Fasting Glucose, and Type 2 Diabetes. <i>Diabetes</i> , 2017, 66, 2915-2926.	0.6	40
30	Blood-based metabolic signatures in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 8, 196-207.	2.4	56
31	Metabolomics based markers predict type 2 diabetes in a 14-year follow-up study. <i>Metabolomics</i> , 2017, 13, 104.	3.0	82
32	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. <i>Nature Communications</i> , 2017, 8, 16015.	12.8	149
33	[P3â€“226]: PROFILING PERIPHERAL METABOLIC DYSREGULATION IN ALZHEIMER'S DISEASE: THE ADDED VALUE OF MULTIPLE SIGNATURES. <i>Alzheimer's and Dementia</i> , 2017, 13, P1024.	0.8	0
34	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	3.5	158
35	F1-02-03: Metabolites Associated with Cognitive Function in the Rotterdam Study and Erasmus Rucphen Family Study. , 2016, 12, P165-P165.		4
36	A novel method for serum lipoprotein profiling using high performance capillary isotachopheresis. <i>Analytica Chimica Acta</i> , 2016, 944, 57-69.	5.4	5

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37	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. Nature Communications, 2016, 7, 11122.	12.8	576
38	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	12.8	245
39	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	12.8	153
40	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
41	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
42	Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels. Nature Communications, 2015, 6, 7208.	12.8	178
43	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
44	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
45	Insight in Genome-Wide Association of Metabolite Quantitative Traits by Exome Sequence Analyses. PLoS Genetics, 2015, 11, e1004835.	3.5	70
46	Effects of Metformin on Metabolite Profiles and LDL Cholesterol in Patients With Type 2 Diabetes. Diabetes Care, 2015, 38, 1858-1867.	8.6	97
47	Novel loci affecting iron homeostasis and their effects in individuals at risk for hemochromatosis. Nature Communications, 2014, 5, 4926.	12.8	192
48	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
49	Genetics of the human metabolome, what is next?. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1923-1931.	3.8	28
50	P4-282: PLD3 ASSOCIATES TO PROLINE A PROPOSED BIOMARKER IN MAPSTONE ET AL. , 2014, 10, P887-P888.		2
51	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	21.4	2,641
52	Plasma phosphatidylcholine and sphingomyelin concentrations are associated with depression and anxiety symptoms in a Dutch family-based lipidomics study. Journal of Psychiatric Research, 2013, 47, 357-362.	3.1	115
53	A Genome-Wide Association Study of Depressive Symptoms. Biological Psychiatry, 2013, 73, 667-678.	1.3	149
54	Genome-Wide Association Study Identifies Novel Loci Associated with Circulating Phospho- and Sphingolipid Concentrations. PLoS Genetics, 2012, 8, e1002490.	3.5	181

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55	Genetic architecture of circulating lipid levels. European Journal of Human Genetics, 2011, 19, 813-819.	2.8	23