

Nabila Bouatia-Naji

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

15,024
citations

117625

34
h-index

66911

78
g-index

98
all docs

98
docs citations

98
times ranked

21984
citing authors

#	ARTICLE	IF	CITATIONS
1	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
2	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	21.4	1,982
3	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. <i>Nature Genetics</i> , 2010, 42, 949-960.	21.4	836
4	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. <i>Nature Genetics</i> , 2012, 44, 659-669.	21.4	762
5	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	21.4	746
6	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. <i>Nature Genetics</i> , 2013, 45, 145-154.	21.4	675
7	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010, 42, 142-148.	21.4	591
8	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. <i>Nature Genetics</i> , 2009, 41, 89-94.	21.4	540
9	Genome-wide association study identifies five loci associated with lung function. <i>Nature Genetics</i> , 2010, 42, 36-44.	21.4	518
10	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016, 7, 10023.	12.8	412
11	Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. <i>Diabetes</i> , 2010, 59, 3229-3239.	0.6	387
12	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
13	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 2624-2634.	0.6	335
14	Rare MTNR1B variants impairing melatonin receptor 1B function contribute to type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 297-301.	21.4	319
15	Variants of ENPP1 are associated with childhood and adult obesity and increase the risk of glucose intolerance and type 2 diabetes. <i>Nature Genetics</i> , 2005, 37, 863-867.	21.4	290
16	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
17	KLHL3 mutations cause familial hyperkalemic hypertension by impairing ion transport in the distal nephron. <i>Nature Genetics</i> , 2012, 44, 456-460.	21.4	281
18	Mitral valve disease—morphology and mechanisms. <i>Nature Reviews Cardiology</i> , 2015, 12, 689-710.	13.7	281

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19	A Polymorphism Within the <i>G6PC2</i> Gene Is Associated with Fasting Plasma Glucose Levels. <i>Science</i> , 2008, 320, 1085-1088.	12.6	227
20	Variants in <i>ADCY5</i> and near <i>CCNL1</i> are associated with fetal growth and birth weight. <i>Nature Genetics</i> , 2010, 42, 430-435.	21.4	223
21	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	2.5	197
22	A Central Role for <i>GRB10</i> in Regulation of Islet Function in Man. <i>PLoS Genetics</i> , 2014, 10, e1004235.	3.5	164
23	<i>ACDC</i> / <i>Adiponectin</i> Polymorphisms Are Associated With Severe Childhood and Adult Obesity. <i>Diabetes</i> , 2006, 55, 545-550.	0.6	154
24	Mutations in <i>DCHS1</i> cause mitral valve prolapse. <i>Nature</i> , 2015, 525, 109-113.	27.8	150
25	Association of the <i>PHACTR1</i> / <i>EDN1</i> Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019, 73, 58-66.	2.8	147
26	<i>PHACTR1</i> Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. <i>PLoS Genetics</i> , 2016, 12, e1006367.	3.5	146
27	G-allele of Intronic rs10830963 in <i>MTNR1B</i> Confers Increased Risk of Impaired Fasting Glycemia and Type 2 Diabetes Through an Impaired Glucose-Stimulated Insulin Release. <i>Diabetes</i> , 2009, 58, 1450-1456.	0.6	125
28	Association of Genetic Loci With Glucose Levels in Childhood and Adolescence. <i>Diabetes</i> , 2011, 60, 1805-1812.	0.6	103
29	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. <i>Nature Genetics</i> , 2015, 47, 1206-1211.	21.4	103
30	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	12.8	87
31	Primary cilia defects causing mitral valve prolapse. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	76
32	Fibromuscular Dysplasia and Its Neurologic Manifestations. <i>JAMA Neurology</i> , 2019, 76, 217.	9.0	50
33	<i>ENPP1</i> K121Q polymorphism and obesity, hyperglycaemia and type 2 diabetes in the prospective DESIR Study. <i>Diabetologia</i> , 2007, 50, 2090-2096.	6.3	46
34	Spontaneous Coronary Artery Dissection. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e003030.	3.6	43
35	Association Between <i>FTO</i> Variant and Change in Body Weight and Its Interaction With Dietary Factors: The DiOGenes Study. <i>Obesity</i> , 2012, 20, 1669-1674.	3.0	39
36	Genetic Variant in <i>HK1</i> Is Associated With a Proanemic State and A1C but Not Other Glycemic Control-Related Traits. <i>Diabetes</i> , 2009, 58, 2687-2697.	0.6	34

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37	A Genome-Wide Association Study Identifies rs2000999 as a Strong Genetic Determinant of Circulating Haptoglobin Levels. <i>PLoS ONE</i> , 2012, 7, e32327.	2.5	34
38	Genetic investigation of fibromuscular dysplasia identifies risk loci and shared genetics with common cardiovascular diseases. <i>Nature Communications</i> , 2021, 12, 6031.	12.8	34
39	Multiple functional polymorphisms in the G6PC2 gene contribute to the association with higher fasting plasma glucose levels. <i>Diabetologia</i> , 2013, 56, 1306-1316.	6.3	33
40	Genetic and Functional Assessment of the Role of the rs13431652-A and rs573225-A Alleles in the <i>G6PC2</i> Promoter That Are Strongly Associated With Elevated Fasting Glucose Levels. <i>Diabetes</i> , 2010, 59, 2662-2671.	0.6	31
41	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. <i>Diabetes</i> , 2012, 61, 2176-2186.	0.6	31
42	Exome sequencing in seven families and gene-based association studies indicate genetic heterogeneity and suggest possible candidates for fibromuscular dysplasia. <i>Journal of Hypertension</i> , 2015, 33, 1802-1810.	0.5	31
43	Genome-Wide Association Studyâ€Driven Gene-Set Analyses, Genetic, and Functional Follow-Up Suggest <i>GLIS1</i> as a Susceptibility Gene for Mitral Valve Prolapse. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002497.	3.6	31
44	National French registry of spontaneous coronary artery dissections: prevalence of fibromuscular dysplasia and genetic analyses. <i>EuroIntervention</i> , 2021, 17, 508-515.	3.2	30
45	Genetic Polymorphisms in the Hypothalamic Pathway in Relation to Subsequent Weight Change â€The DiOGenes Study. <i>PLoS ONE</i> , 2011, 6, e17436.	2.5	28
46	A plasma proteogenomic signature for fibromuscular dysplasia. <i>Cardiovascular Research</i> , 2020, 116, 63-77.	3.8	27
47	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse. <i>European Heart Journal</i> , 2022, 43, 1668-1680.	2.2	25
48	Association of the ENPP1 K121Q polymorphism with type 2 diabetes and obesity in the Moroccan population. <i>Diabetes and Metabolism</i> , 2009, 35, 37-42.	2.9	23
49	No Interactions Between Previously Associated 2-Hour Glucose Gene Variants and Physical Activity or BMI on 2-Hour Glucose Levels. <i>Diabetes</i> , 2012, 61, 1291-1296.	0.6	23
50	Genetic risk of type 2 diabetes in populations of the African continent: A systematic review and meta-analyses. <i>Diabetes Research and Clinical Practice</i> , 2016, 114, 136-150.	2.8	22
51	Rare loss-of-function mutations of <i>PTGIR</i> are enriched in fibromuscular dysplasia. <i>Cardiovascular Research</i> , 2021, 117, 1154-1165.	3.8	20
52	The relationship between MTHFR C677T gene polymorphism and essential hypertension in a sample of an Algerian population of Oran city. <i>International Journal of Cardiology</i> , 2016, 225, 408-411.	1.7	19
53	Spontaneous coronary artery dissections and fibromuscular dysplasia: Current insights on pathophysiology, sex and gender. <i>International Journal of Cardiology</i> , 2019, 286, 220-225.	1.7	17
54	Association analysis of the IGF1 gene with childhood growth, IGF-1 concentrations and type 1 diabetes. <i>Diabetologia</i> , 2008, 51, 811-815.	6.3	16

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55	The <i>MITF</i> , p.E318K Variant, as a Risk Factor for Pheochromocytoma and Paraganglioma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4764-4768.	3.6	16
56	Early Detrimental Metabolic Outcomes of rs17300539 Allele of <i>ADIPOQ</i> Gene Despite Higher Adiponectinemia. <i>Obesity</i> , 2010, 18, 1469-1473.	3.0	14
57	Recent Advances on the Genetics of Spontaneous Coronary Artery Dissection. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, CIRCGEN121003393.	3.6	12
58	Transcriptome Analysis of lncRNAs in Pheochromocytomas and Paragangliomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 898-907.	3.6	11
59	<i>INS VNTR</i> Is Not Associated With Childhood Obesity in 1,023 Families: A Family-based Study. <i>Obesity</i> , 2008, 16, 1471-1475.	3.0	10
60	Chromatin Accessibility of Human Mitral Valves and Functional Assessment of MVP Risk Loci. <i>Circulation Research</i> , 2021, 128, e84-e101.	4.5	10
61	Secretory granule neuroendocrine protein 1 (SGNE1) genetic variation and glucose intolerance in severe childhood and adult obesity. <i>BMC Medical Genetics</i> , 2007, 8, 44.	2.1	9
62	Smallness for gestational age interacts with high mobility group A2 gene genetic variation to modulate height. <i>European Journal of Endocrinology</i> , 2009, 160, 557-560.	3.7	9
63	Dietary Factors Impact on the Association between CTSS Variants and Obesity Related Traits. <i>PLoS ONE</i> , 2012, 7, e40394.	2.5	9
64	Genetic Study of <i>PHACTR1</i> and Fibromuscular Dysplasia, Meta-Analysis and Effects on Clinical Features of Patients. <i>Hypertension</i> , 2020, 76, e4-e7.	2.7	9
65	Computational estimates of annular diameter reveal genetic determinants of mitral valve function and disease. <i>JCI Insight</i> , 2022, 7, .	5.0	9
66	Genome-Wide Association Meta-Analysis Supports Genes Involved in Valve and Cardiac Development to Associate With Mitral Valve Prolapse. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003148.	3.6	7
67	Mutations in <i>G6PC2</i> do not contribute to monogenic forms of early infancy diabetes and beta cell dysfunction. <i>Diabetologia</i> , 2009, 52, 982-985.	6.3	5
68	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. <i>Scientific Reports</i> , 2019, 9, 9439.	3.3	5
69	Genetic association study between T-786C <i>NOS3</i> polymorphism and essential hypertension in an Algerian population of the Oran city. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2019, 13, 1317-1320.	3.6	5
70	GENETIC ASSOCIATION STUDIES OF FIBROMUSCULAR DYSPLASIA IDENTIFY NEW RISK LOCI AND SHARED GENETIC BASIS WITH MORE COMMON VASCULAR DISEASES. <i>Journal of Hypertension</i> , 2021, 39, e267.	0.5	3
71	Plasma and genetic determinants of soluble TREM-1 and major adverse cardiovascular events in a prospective cohort of acute myocardial infarction patients. Results from the FAST-MI 2010 study. <i>International Journal of Cardiology</i> , 2021, 344, 213-219.	1.7	3
72	Investigation of the Matrix Metalloproteinase-2 Gene in Patients with Non-Syndromic Mitral Valve Prolapse. <i>Journal of Cardiovascular Development and Disease</i> , 2015, 2, 176-189.	1.6	1

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73	Top Advances in Functional Genomics and Translational Biology for 2015. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 189-192.	5.1	0
74	Genetic and Functional Studies Implicate G6PC2 in the Regulation of Fasting Blood Glucose. , 2016, , 337-362.		0
75	RARE LOSS-OF-FUNCTION MUTATIONS OF PTGIR IDENTIFIED IN FIBROMUSCULAR DYSPLASIA AND SPONTANEOUS CORONARY ARTERY DISSECTION. <i>Journal of Hypertension</i> , 2021, 39, e262-e263.	0.5	0
76	Genetics and Genetic Counselling Relevant to Mitral Valve Prolapse. , 2021, , 151-163.		0
77	Abstract P418: Transcriptomic And Genomic DNA Accessibility Dynamics During Differentiation Of Induced Pluripotent Stem Cells Derived Smooth Muscle Cells And Acquisition Of Contractile Phenotype. <i>Circulation Research</i> , 2021, 129, .	4.5	0
78	Abstract MP246: Epigenetic Regulation At <i>LRP1</i> Susceptibility Locus And Characterization Of <i>LRP1</i> Function In Human Induced Pluripotent Stem Cells Derived Smooth Muscle Cells. <i>Circulation Research</i> , 2021, 129, .	4.5	0