Nabila Bouatia-Naji

List of Publications by Citations

75 papers	12,105 citations	32 h-index	98 g-index
98 ext. papers	13,868 ext. citations	13.4 avg, IF	3.89 L-index

#	Paper	IF	Citations
75	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
74	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
73	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60	36.3	724
72	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
71	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. *Nature Genetics*, **2012**, 44, 659-69	36.3	615
70	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
69	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
68	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. *Nature Genetics*, **2009**, 41, 89-94	36.3	466
67	Genome-wide association study identifies five loci associated with lung function. *Nature Genetics*, **2010**, 42, 36-44	36.3	430
66	Common variants at 10 genomic loci influence hemoglobin A[1C] levels via glycemic and nonglycemic pathways. *Diabetes*, **2010**, 59, 3229-39	0.9	314
65	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. *Nature Communications*, **2016**, 7, 10023	17.4	295
64	Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes*, **2011**, 60, 2624-34	0.9	285
63	Rare MTNR1B variants impairing melatonin receptor 1B function contribute to type 2 diabetes. *Nature Genetics*, **2012**, 44, 297-301	36.3	279
62	Variants of ENPP1 are associated with childhood and adult obesity and increase the risk of glucose intolerance and type 2 diabetes. *Nature Genetics*, **2005**, 37, 863-7	36.3	260
61	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
60	KLHL3 mutations cause familial hyperkalemic hypertension by impairing ion transport in the distal nephron. *Nature Genetics*, **2012**, 44, 456-60, S1-3	36.3	228
59	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219

58	A polymorphism within the G6PC2 gene is associated with fasting plasma glucose levels. *Science*, **2008**, 320, 1085-8	33.3	199
57	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. *Nature Genetics*, **2010**, 42, 430-5	36.3	184
56	Mitral valve disease--morphology and mechanisms. *Nature Reviews Cardiology*, **2015**, 12, 689-710	14.8	172
55	ACDC/adiponectin polymorphisms are associated with severe childhood and adult obesity. *Diabetes* , **2006**, 55, 545-50	0.9	139
54	A genome-wide association search for type 2 diabetes genes in African Americans. *PLoS ONE*, **2012**, 7, e29202	3.7	138
53	A central role for GRB10 in regulation of islet function in man. *PLoS Genetics*, **2014**, 10, e1004235	6	124
52	G-allele of intronic rs10830963 in MTNR1B confers increased risk of impaired fasting glycemia and type 2 diabetes through an impaired glucose-stimulated insulin release: studies involving 19,605 Europeans. *Diabetes*, **2009**, 58, 1450-6	0.9	111
51	Mutations in DCHS1 cause mitral valve prolapse. *Nature*, **2015**, 525, 109-13	50.4	107
50	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. *PLoS Genetics*, **2016**, 12, e1006367	6	99
49	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. *Journal of the American College of Cardiology*, **2019**, 73, 58-66	15.1	86
48	Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. *Diabetes*, **2011**, 60, 1805-12	0.9	83
47	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. *Nature Genetics*, **2015**, 47, 1206-11	36.3	70
46	Primary cilia defects causing mitral valve prolapse. *Science Translational Medicine*, **2019**, 11,	17.5	39
45	ENPP1 K121Q polymorphism and obesity, hyperglycaemia and type 2 diabetes in the prospective DESIR Study. *Diabetologia*, **2007**, 50, 2090-6	10.3	37
44	Association between FTO variant and change in body weight and its interaction with dietary factors: the DiOGenes study. *Obesity*, **2012**, 20, 1669-74	8	35
43	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
42	Genetic variant in HK1 is associated with a proanemic state and A1C but not other glycemic control-related traits. *Diabetes*, **2009**, 58, 2687-97	0.9	29
41	Multiple functional polymorphisms in the G6PC2 gene contribute to the association with higher fasting plasma glucose levels. *Diabetologia*, **2013**, 56, 1306-16	10.3	28

40	Genetic polymorphisms in the hypothalamic pathway in relation to subsequent weight change--the DiOGenes study. *PLoS ONE*, **2011**, 6, e17436	3.7	27
39	A genome-wide association study identifies rs2000999 as a strong genetic determinant of circulating haptoglobin levels. *PLoS ONE*, **2012**, 7, e32327	3.7	27
38	Fibromuscular Dysplasia and Its Neurologic Manifestations: A Systematic Review. *JAMA Neurology*, **2019**, 76, 217-226	17.2	26
37	Impact of common variation in bone-related genes on type 2 diabetes and related traits. *Diabetes*, **2012**, 61, 2176-86	0.9	25
36	Genetic and functional assessment of the role of the rs13431652-A and rs573225-A alleles in the G6PC2 promoter that are strongly associated with elevated fasting glucose levels. *Diabetes*, **2010**, 59, 2662-71	0.9	25
35	Exome sequencing in seven families and gene-based association studies indicate genetic heterogeneity and suggest possible candidates for fibromuscular dysplasia. *Journal of Hypertension* , **2015**, 33, 1802-10; discussion 1810	1.9	24
34	No interactions between previously associated 2-hour glucose gene variants and physical activity or BMI on 2-hour glucose levels. *Diabetes*, **2012**, 61, 1291-6	0.9	21
33	Genetic risk of type 2 diabetes in populations of the African continent: A systematic review and meta-analyses. *Diabetes Research and Clinical Practice*, **2016**, 114, 136-50	7.4	19
32	Genome-Wide Association Study-Driven Gene-Set Analyses, Genetic, and Functional Follow-Up Suggest GLIS1 as a Susceptibility Gene for Mitral Valve Prolapse. *Circulation Genomic and Precision Medicine*, **2019**, 12, e002497	5.2	18
31	Association of the ENPP1 K121Q polymorphism with type 2 diabetes and obesity in the Moroccan population. *Diabetes and Metabolism*, **2009**, 35, 37-42	5.4	18
30	A plasma proteogenomic signature for fibromuscular dysplasia. *Cardiovascular Research*, **2020**, 116, 63-77	9.9	17
29	The relationship between MTHFR C677T gene polymorphism and essential hypertension in a sample of an Algerian population of Oran city. *International Journal of Cardiology*, **2016**, 225, 408-411	3.2	15
28	Association analysis of the IGF1 gene with childhood growth, IGF-1 concentrations and type 1 diabetes. *Diabetologia*, **2008**, 51, 811-5	10.3	14
27	Spontaneous Coronary Artery Dissection: Insights on Rare Genetic Variation From Genome Sequencing. *Circulation Genomic and Precision Medicine*, **2020**, 13, e003030	5.2	14
26	Early detrimental metabolic outcomes of rs17300539-A allele of ADIPOQ gene despite higher adiponectinemia. *Obesity*, **2010**, 18, 1469-73	8	13
25	The MITF, p.E318K Variant, as a Risk Factor for Pheochromocytoma and Paraganglioma. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4764-4768	5.6	12
24	National French registry of spontaneous coronary artery dissections: prevalence of fibromuscular dysplasia and genetic analyses. *EuroIntervention*, **2021**, 17, 508-515	3.1	11
23	Transcriptome Analysis of lncRNAs in Pheochromocytomas and Paragangliomas. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	10

22	Rare loss-of-function mutations of PTGIR are enriched in fibromuscular dysplasia. *Cardiovascular Research*, **2021**, 117, 1154-1165	9.9	10
21	Smallness for gestational age interacts with high mobility group A2 gene genetic variation to modulate height. *European Journal of Endocrinology*, **2009**, 160, 557-60	6.5	9
20	Secretory granule neuroendocrine protein 1 (SGNE1) genetic variation and glucose intolerance in severe childhood and adult obesity. *BMC Medical Genetics*, **2007**, 8, 44	2.1	9
19	INS VNTR is not associated with childhood obesity in 1,023 families: a family-based study. *Obesity*, **2008**, 16, 1471-5	8	8
18	Spontaneous coronary artery dissections and fibromuscular dysplasia: Current insights on pathophysiology, sex and gender. *International Journal of Cardiology*, **2019**, 286, 220-225	3.2	8
17	Dietary factors impact on the association between CTSS variants and obesity related traits. *PLoS ONE*, **2012**, 7, e40394	3.7	6
16	Genetic Study of and Fibromuscular Dysplasia, Meta-Analysis and Effects on Clinical Features of Patients: The ARCADIA-POL Study. *Hypertension*, **2020**, 76, e4-e7	8.5	5
15	Mutations in G6PC2 do not contribute to monogenic forms of early infancy diabetes and beta cell dysfunction. *Diabetologia*, **2009**, 52, 982-5	10.3	4
14	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. *Scientific Reports*, **2019**, 9, 9439	4.9	3
13	Genetic investigation of fibromuscular dysplasia identifies risk loci and shared genetics with common cardiovascular diseases. *Nature Communications*, **2021**, 12, 6031	17.4	3
12	Chromatin Accessibility of Human Mitral Valves and Functional Assessment of MVP Risk Loci. *Circulation Research*, **2021**, 128, e84-e101	15.7	3
11	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse.. *European Heart Journal*, **2022**,	9.5	2
10	Genetic association study between T-786C NOS3 polymorphism and essential hypertension in an Algerian population of the Oran city. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2019**, 13, 1317-1320	8.9	2
9	Investigation of the Matrix Metalloproteinase-2 Gene in Patients with Non-Syndromic Mitral Valve Prolapse. *Journal of Cardiovascular Development and Disease*, **2015**, 2, 176-189	4.2	0
8	Recent Advances on the Genetics of Spontaneous Coronary Artery Dissection. *Circulation Genomic and Precision Medicine*, **2021**, CIRCGEN121003393	5.2	0
7	Genome-Wide Association Meta-Analysis Supports Genes Involved in Valve and Cardiac Development to Associate With Mitral Valve Prolapse. *Circulation Genomic and Precision Medicine*, **2021**, 14, e003148	5.2	0
6	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. *International Journal of Cardiology*, **2021**, 344, 213-219	3.2	0
5	Genetic and Functional Studies Implicate G6PC2 in the Regulation of Fasting Blood Glucose **2016**, 337-362		

4	Dysplasie fibromusculaire: d□finition, pid□hiologie et g□□tique. *Bulletin De L'Academie Nationale De Medecine*, **2017**, 201, 1079-1089	0.1
3	RARE LOSS-OF-FUNCTION MUTATIONS OF PTGIR IDENTIFIED IN FIBROMUSCULAR DYSPLASIA AND SPONTANEOUS CORONARY ARTERY DISSECTION. *Journal of Hypertension*, **2021**, 39, e262-e263	1.9
2	Top Advances in Functional Genomics and Translational Biology for 2015. *Circulation: Cardiovascular Genetics*, **2016**, 9, 189-92	
1	Genetics and Genetic Counselling Relevant to Mitral Valve Prolapse **2021**, 151-163	