Nabila Bouatia-Naji

List of Publications by Year
in descending order

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	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse. European Heart Journal, 2022, 43, 1668-1680.	2.2	25
2	Computational estimates of annular diameter reveal genetic determinants of mitral valve function and disease. JCI Insight, 2022, 7, .	5.0	9
3	Rare loss-of-function mutations of PTGIR are enriched in fibromuscular dysplasia. Cardiovascular Research, 2021, 117, 1154-1165.	3.8	20
4	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	12.8	87
5	Chromatin Accessibility of Human Mitral Valves and Functional Assessment of MVP Risk Loci. Circulation Research, 2021, 128, e84-e101.	4.5	10
6	GENETIC ASSOCIATION STUDIES OF FIBROMUSCULAR DYSPLASIA IDENTIFY NEW RISK LOCI AND SHARED GENETIC BASIS WITH MORE COMMON VASCULAR DISEASES. Journal of Hypertension, 2021, 39, e267.	0.5	3
7	RARE LOSS-OF-FUNCTION MUTATIONS OF PTGIR IDENTIFIED IN FIBROMUSCULAR DYSPLASIA AND SPONTANEOUS CORONARY ARTERY DISSECTION. Journal of Hypertension, 2021, 39, e262-e263.	0.5	0
8	National French registry of spontaneous coronary artery dissections: prevalence of fibromuscular dysplasia and genetic analyses. EuroIntervention, 2021, 17, 508-515.	3.2	30
9	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.	3.6	7
10	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.	1.7	3
11	Genetics and Genetic Counselling Relevant to Mitral Valve Prolapse. , 2021, , 151-163.		0
12	Genetic investigation of fibromuscular dysplasia identifies risk loci and shared genetics with common cardiovascular diseases. Nature Communications, 2021, 12, 6031.	12.8	34
13	Recent Advances on the Genetics of Spontaneous Coronary Artery Dissection. Circulation Genomic and Precision Medicine, 2021, 14, CIRCGEN121003393.	3.6	12
14	Abstract P418: Transcriptomic And Genomic DNA Accessibility Dynamics During Differentiation Of Induced Pluripotent Stem Cells Derived Smooth Muscle Cells And Acquisition Of Contractile Phenotype. Circulation Research, 2021, 129, .	4.5	0
15	Abstract MP246: Epigenetic Regulation At LRP1 Susceptibility Locus And Characterization Of LRP1 Function In Human Induced Pluripotent Stem Cells Derived Smooth Muscle Cells. Circulation Research, 2021, 129, .	4.5	0
16	A plasma proteogenomic signature for fibromuscular dysplasia. Cardiovascular Research, 2020, 116, 63-77.	3.8	27
17	Transcriptome Analysis of lncRNAs in Pheochromocytomas and Paragangliomas. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 898-907.	3.6	11
18	Spontaneous Coronary Artery Dissection. Circulation Genomic and Precision Medicine, 2020, 13, e003030.	3.6	43

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19	Genetic Study of PHACTR1 and Fibromuscular Dysplasia, Meta-Analysis and Effects on Clinical Features of Patients. Hypertension, 2020, 76, e4-e7.	2.7	9
20	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. Scientific Reports, 2019, 9, 9439.	3.3	5
21	Primary cilia defects causing mitral valve prolapse. Science Translational Medicine, 2019, 11, .	12.4	76
22	Genome-Wide Association Studyâ€“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.	3.6	31
23	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.	3.6	5
24	Spontaneous coronary artery dissections and fibromuscular dysplasia: Current insights on pathophysiology, sex and gender. International Journal of Cardiology, 2019, 286, 220-225.	1.7	17
25	Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. Journal of the American College of Cardiology, 2019, 73, 58-66.	2.8	147
26	Fibromuscular Dysplasia and Its Neurologic Manifestations. JAMA Neurology, 2019, 76, 217.	9.0	50
27	The MITF, p.E318K Variant, as a Risk Factor for Pheochromocytoma and Paraganglioma. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4764-4768.	3.6	16
28	Top Advances in Functional Genomics and Translational Biology for 2015. Circulation: Cardiovascular Genetics, 2016, 9, 189-192.	5.1	0
29	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
30	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.	1.7	19
31	Genetic and Functional Studies Implicate G6PC2 in the Regulation of Fasting Blood Glucose. , 2016, , 337-362.		0
32	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, 136-150.	2.8	22
33	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. Nature Communications, 2016, 7, 10023.	12.8	412
34	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. PLoS Genetics, 2016, 12, e1006367.	3.5	146
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, 1802-1810.	0.5	31
36	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.	1.6	1

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37	Mitral valve diseaseâ€"morphology and mechanisms. Nature Reviews Cardiology, 2015, 12, 689-710.	13.7	281
38	Mutations in DCHS1 cause mitral valve prolapse. Nature, 2015, 525, 109-113.	27.8	150
39	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. Nature Genetics, 2015, 47, 1206-1211.	21.4	103
40	A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235.	3.5	164
41	Multiple functional polymorphisms in the G6PC2 gene contribute to the association with higher fasting plasma glucose levels. Diabetologia, 2013, 56, 1306-1316.	6.3	33
42	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
43	Identification of heart rateâ€"associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	21.4	282
44	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	21.4	746
45	No Interactions Between Previously Associated 2-Hour Glucose Gene Variants and Physical Activity or BMI on 2-Hour Glucose Levels. Diabetes, 2012, 61, 1291-1296.	0.6	23
46	KLHL3 mutations cause familial hyperkalemic hypertension by impairing ion transport in the distal nephron. Nature Genetics, 2012, 44, 456-460.	21.4	281
47	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. Diabetes, 2012, 61, 2176-2186.	0.6	31
48	Association Between FTO Variant and Change in Body Weight and Its Interaction With Dietary Factors: The DiOGenes Study. Obesity, 2012, 20, 1669-1674.	3.0	39
49	Rare MTNR1B variants impairing melatonin receptor 1B function contribute to type 2 diabetes. Nature Genetics, 2012, 44, 297-301.	21.4	319
50	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. PLoS ONE, 2012, 7, e29202.	2.5	197
51	Dietary Factors Impact on the Association between CTSS Variants and Obesity Related Traits. PLoS ONE, 2012, 7, e40394.	2.5	9
52	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	21.4	762
53	A Genome-Wide Association Study Identifies rs2000999 as a Strong Genetic Determinant of Circulating Haptoglobin Levels. PLoS ONE, 2012, 7, e32327.	2.5	34
54	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, 2624-2634.	0.6	335

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55	Association of Genetic Loci With Glucose Levels in Childhood and Adolescence. Diabetes, 2011, 60, 1805-1812.	0.6	103
56	Genetic Polymorphisms in the Hypothalamic Pathway in Relation to Subsequent Weight Change â€“ The DiOGenes Study. PLoS ONE, 2011, 6, e17436.	2.5	28
57	Early Detrimental Metabolic Outcomes of rs17300539â€A Allele of ADIPOQ Gene Despite Higher Adiponectinemia. Obesity, 2010, 18, 1469-1473.	3.0	14
58	Genome-wide association study identifies five loci associated with lung function. Nature Genetics, 2010, 42, 36-44.	21.4	518
59	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	21.4	591
60	Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. Nature Genetics, 2010, 42, 430-435.	21.4	223
61	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, 949-960.	21.4	836
62	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
63	Common Variants at 10 Genomic Loci Influence Hemoglobin A1C Levels via Glycemic and Nonglycemic Pathways. Diabetes, 2010, 59, 3229-3239.	0.6	387
64	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, 2662-2671.	0.6	31
65	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116.	21.4	1,982
66	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. Diabetes, 2009, 58, 1450-1456.	0.6	125
67	Genetic Variant in HK1 Is Associated With a Proanemic State and A1C but Not Other Glycemic Control-Related Traits. Diabetes, 2009, 58, 2687-2697.	0.6	34
68	Smallness for gestational age interacts with high mobility group A2 gene genetic variation to modulate height. European Journal of Endocrinology, 2009, 160, 557-560.	3.7	9
69	Mutations in G6PC2 do not contribute to monogenic forms of early infancy diabetes and beta cell dysfunction. Diabetologia, 2009, 52, 982-985.	6.3	5
70	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. Nature Genetics, 2009, 41, 89-94.	21.4	540
71	Association of the ENPP1 K121Q polymorphism with type 2 diabetes and obesity in the Moroccan population. Diabetes and Metabolism, 2009, 35, 37-42.	2.9	23
72	Association analysis of the IGF1 gene with childhood growth, IGF-1 concentrations and type 1 diabetes. Diabetologia, 2008, 51, 811-815.	6.3	16

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73	INS VNTR Is Not Associated With Childhood Obesity in 1,023 Families: A Familyâ€based Study. Obesity, 2008, 16, 1471-1475.	3.0	10
74	A Polymorphism Within the G6PC2 Gene Is Associated with Fasting Plasma Glucose Levels. Science, 2008, 320, 1085-1088.	12.6	227
75	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
76	ENPP1 K121Q polymorphism and obesity, hyperglycaemia and type 2 diabetes in the prospective DESIR Study. Diabetologia, 2007, 50, 2090-2096.	6.3	46
77	ACDC/Adiponectin Polymorphisms Are Associated With Severe Childhood and Adult Obesity. Diabetes, 2006, 55, 545-550.	0.6	154
78	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, 863-867.	21.4	290