Cristina Barlassina

List of Publications by Citations

86 papers	4,976 citations	36 h-index	70 g-index
92 ext. papers	5,843 ext. citations	7.6 avg, IF	4.02 L-index

#	Paper	IF	Citations
86	Polymorphisms of alpha-adducin and salt sensitivity in patients with essential hypertension. *Lancet, The*, **1997**, 349, 1353-7	40	473
85	Loss of mismatched HLA in leukemia after stem-cell transplantation. *New England Journal of Medicine*, **2009**, 361, 478-88	59.2	337
84	Discovery of new risk loci for IgA nephropathy implicates genes involved in immunity against intestinal pathogens. *Nature Genetics*, **2014**, 46, 1187-96	36.3	325
83	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500	6	277
82	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	6	220
81	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
80	Effects of three candidate genes on prevalence and incidence of hypertension in a Caucasian population. *Journal of Hypertension*, **2001**, 19, 1349-58	1.9	179
79	Copy-number disorders are a common cause of congenital kidney malformations. *American Journal of Human Genetics*, **2012**, 91, 987-97	11	161
78	Endothelial nitric oxide synthase polymorphisms are associated with type 2 diabetes and the insulin resistance syndrome. *Diabetes*, **2003**, 52, 1270-5	0.9	159
77	ACE and alpha-adducin polymorphism as markers of individual response to diuretic therapy. *Hypertension*, **2003**, 41, 398-403	8.5	149
76	The role of alpha-adducin polymorphism in blood pressure and sodium handling regulation may not be excluded by a negative association study. *Hypertension*, **1999**, 34, 649-54	8.5	139
75	Immune signature drives leukemia escape and relapse after hematopoietic cell transplantation. *Nature Medicine*, **2019**, 25, 603-611	50.5	136
74	Genomewide association study using a high-density single nucleotide polymorphism array and case-control design identifies a novel essential hypertension susceptibility locus in the promoter region of endothelial NO synthase. *Hypertension*, **2012**, 59, 248-55	8.5	124
73	Adducin polymorphism affects renal proximal tubule reabsorption in hypertension. *Hypertension*, **1999**, 33, 694-7	8.5	108
72	Association of the alpha-adducin locus with essential hypertension. *Hypertension*, **1995**, 25, 320-6	8.5	106
71	Alpha-adducin polymorphisms and renal sodium handling in essential hypertensive patients. *Kidney International*, **1998**, 53, 1471-8	9.9	103
70	Cross-disorder genome-wide analyses suggest a complex genetic relationship between Tourette's syndrome and OCD. *American Journal of Psychiatry*, **2015**, 172, 82-93	11.9	101

69	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. *PLoS Genetics*, **2016**, 12, e1006367	6	99
68	Genome-wide association study of kidney function decline in individuals of European descent. *Kidney International*, **2015**, 87, 1017-29	9.9	83
67	Carotid and femoral artery stiffness in relation to three candidate genes in a white population. *Hypertension*, **2001**, 38, 1190-7	8.5	77
66	Inactive matrix Gla protein is causally related to adverse health outcomes: a Mendelian randomization study in a Flemish population. *Hypertension*, **2015**, 65, 463-70	8.5	66
65	Synergistic effect of alpha-adducin and ACE genes causes blood pressure changes with body sodium and volume expansion. *Kidney International*, **2000**, 57, 1083-90	9.9	64
64	Common genetic variants and haplotypes in renal CLCNKA gene are associated to salt-sensitive hypertension. *Human Molecular Genetics*, **2007**, 16, 1630-8	5.6	63
63	alpha-Adducin 460Trp allele is associated with erythrocyte Na transport rate in North Sardinian primary hypertensives. *Hypertension*, **2002**, 39, 357-62	8.5	58
62	Association between hypertension and variation in the alpha- and beta-adducin genes in a white population. *Kidney International*, **2002**, 62, 2152-9	9.9	54
61	Carotid and femoral intima-media thickness in relation to three candidate genes in a Caucasian population. *Journal of Hypertension*, **2002**, 20, 1551-61	1.9	50
60	Genes involved in vasoconstriction and vasodilation system affect salt-sensitive hypertension. *PLoS ONE*, **2011**, 6, e19620	3.7	48
59	Association between aldosterone synthase (CYP11B2) polymorphism and left ventricular mass in human essential hypertension. *Journal of the American College of Cardiology*, **2004**, 43, 265-70	15.1	48
58	Renal dysfunction as a possible cause of essential hypertension in predisposed subjects. *Kidney International*, **1983**, 23, 870-5	9.9	48
57	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature Communications*, **2016**, 7, 13357	17.4	46
56	Genetic polymorphism of the renin-angiotensin-aldosterone system and arterial hypertension in the Italian population: the GENIPER Project. *Journal of Hypertension*, **2003**, 21, 1853-60	1.9	46
55	An overview of the genetic structure within the Italian population from genome-wide data. *PLoS ONE*, **2012**, 7, e43759	3.7	44
54	Role of the adducin family genes in human essential hypertension. *Journal of Hypertension*, **2005**, 23, 543-9	1.9	41
53	Genetics of essential hypertension: from families to genes. *Journal of the American Society of Nephrology: JASN*, **2002**, 13 Suppl 3, S155-64	12.7	40
52	Target sequencing, cell experiments, and a population study establish endothelial nitric oxide synthase (eNOS) gene as hypertension susceptibility gene. *Hypertension*, **2013**, 62, 844-52	8.5	39

51	Self-renewal and phenotypic conversion are the main physiological responses of macrophages to the endogenous estrogen surge. *Scientific Reports*, **2017**, 7, 44270	4.9	37
50	Alpha-adducin polymorphism in hypertensives of South African ancestry. *American Journal of Hypertension*, **2000**, 13, 719-23	2.3	36
49	A genome-wide screening and SNPs-to-genes approach to identify novel genetic risk factors associated with frontotemporal dementia. *Neurobiology of Aging*, **2015**, 36, 2904.e13-26	5.6	34
48	Sardinians genetic background explained by runs of homozygosity and genomic regions under positive selection. *PLoS ONE*, **2014**, 9, e91237	3.7	32
47	Alpha-adducin gene polymorphism and cardiovascular phenotypes in a general population. *Journal of Hypertension*, **1997**, 15, 1707-10	1.9	31
46	Interaction between polyphenols intake and PON1 gene variants on markers of cardiovascular disease: a nutrigenetic observational study. *Journal of Translational Medicine*, **2016**, 14, 186	8.5	29
45	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. *Circulation*, **2020**, 142, 324-338	16.7	27
44	Adducin in essential hypertension. *FEBS Letters*, **1998**, 430, 41-4	3.8	26
43	Genome-Wide and Gene-Based Meta-Analyses Identify Novel Loci Influencing Blood Pressure Response to Hydrochlorothiazide. *Hypertension*, **2017**, 69, 51-59	8.5	25
42	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
41	Genome-wide association study identifies CAMKID variants involved in blood pressure response to losartan: the SOPHIA study. *Pharmacogenomics*, **2014**, 15, 1643-52	2.6	24
40	Heritability estimate of erythrocyte Na-K-Cl cotransport in normotensive and hypertensive families. *American Journal of Hypertension*, **1991**, 4, 725-34	2.3	23
39	Xanthine oxidase gene variants and their association with blood pressure and incident hypertension: a population study. *Journal of Hypertension*, **2016**, 34, 2147-54	1.9	21
38	TET2 and CSMD1 genes affect SBP response to hydrochlorothiazide in never-treated essential hypertensives. *Journal of Hypertension*, **2015**, 33, 1301-9	1.9	20
37	Erythrocyte Na+,K+,Cl- cotransport and kidney function in essential hypertension. *Journal of Hypertension*, **1993**, 11, 805-13	1.9	18
36	Exome sequencing identifies variants in two genes encoding the LIM-proteins NRAP and FHL1 in an Italian patient with BAG3 myofibrillar myopathy. *Journal of Muscle Research and Cell Motility*, **2016**, 37, 101-15	3.5	17
35	alpha- and beta-Adducin polymorphisms affect podocyte proteins and proteinuria in rodents and decline of renal function in human IgA nephropathy. *Journal of Molecular Medicine*, **2010**, 88, 203-17	5.5	16
34	Alpha-adducin and angiotensin-converting enzyme polymorphisms in hypertension: evidence for a joint influence on albuminuria. *Journal of Hypertension*, **2006**, 24, 931-7	1.9	16

33	Klotho Gene in Human Salt-Sensitive Hypertension. *Clinical Journal of the American Society of Nephrology: CJASN*, **2020**, 15, 375-383	6.9	14
32	Expression analysis of the human adducin gene family and evidence of ADD2 beta4 multiple splicing variants. *Biochemical and Biophysical Research Communications*, **2003**, 309, 359-67	3.4	14
31	Genetics of renal mechanisms of primary hypertension: the role of adducin. *Journal of Hypertension*, **1997**, 15, 1567-71	1.9	13
30	ShockOmics: multiscale approach to the identification of molecular biomarkers in acute heart failure induced by shock. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*, **2016**, 24, 9	3.6	11
29	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. *BMC Medical Genetics*, **2017**, 18, 45	2.1	10
28	Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. *BMC Genetics*, **2015**, 16, 116	2.6	10
27	The 460Trp allele of alpha-adducin increases carotid intima-media thickness in young adult males. *Journal of Hypertension*, **2006**, 24, 697-703	1.9	10
26	The burden of multiple sclerosis variants in continental Italians and Sardinians. *Multiple Sclerosis Journal*, **2015**, 21, 1385-95	5	9
25	Pharmacogenomics considerations in the control of hypertension. *Pharmacogenomics*, **2015**, 16, 1951-64	2.6	9
24	Next-generation sequencing of a family with a high penetrance of monoclonal gammopathies for the identification of candidate risk alleles. *Cancer*, **2017**, 123, 3701-3708	6.4	8
23	Gly460Trp alpha-adducin gene polymorphism and endothelial function in untreated hypertensive patients. *Journal of Hypertension*, **2007**, 25, 2234-9	1.9	8
22	alpha-adducin may control blood pressure both in rats and humans. *Clinical and Experimental Pharmacology and Physiology*, **1995**, 22, S7-9	3	8
21	Claudin-14 Gene Polymorphisms and Urine Calcium Excretion. *Clinical Journal of the American Society of Nephrology: CJASN*, **2018**, 13, 1542-1549	6.9	8
20	Transcriptome Analysis of iPSC-Derived Neurons from Rubinstein-Taybi Patients Reveals Deficits in Neuronal Differentiation. *Molecular Neurobiology*, **2020**, 57, 3685-3701	6.2	6
19	Heritability of Sodium Transport Systems and Hypertension. *Annals of the New York Academy of Sciences*, **1986**, 488, 576-578	6.5	6
18	A longitudinal study highlights shared aspects of the transcriptomic response to cardiogenic and septic shock. *Critical Care*, **2019**, 23, 414	10.8	6
17	Identification of a transcriptome profile associated with improvement of organ function in septic shock patients after early supportive therapy. *Critical Care*, **2018**, 22, 312	10.8	5
16	gDNA qPCR is statistically more reliable than mRNA analysis in detecting leukemic cells to monitor CML. *Cell Death and Disease*, **2018**, 9, 349	9.8	3

15	Genetic models of arterial hypertension--role of tubular ion transport. *Pediatric Nephrology*, **1993**, 7, 865-70	3.2	3
14	Pathogenetic mechanisms in essential hypertension. Analogies between a rat model and the human disease. *International Journal of Cardiology*, **1989**, 25 Suppl 1, S29-36	3.2	3
13	Heritability of Sodium Transport Systems and Hypertension. *Annals of the New York Academy of Sciences*, **1986**, 488, 576-578	6.5	3
12	Angiotensinogen gene polymorphism, again?. *Journal of Hypertension*, **2003**, 21, 1815-8	1.9	2
11	Transcapillary protein escape in arterial hypertension. *Research in Clinic and Laboratory*, **1980**, 10, 163-70		2
10	An integrated Diet Monitoring Solution for nutrigenomic research. *Studies in Health Technology and Informatics*, **2015**, 210, 632-6	0.5	2
9	Dietary Salt Intake, Blood Pressure, and Genes. *Current Nutrition Reports*, **2013**, 2, 134-141	6	1
8	Haematological phenotypes in relation to the C1797T α-adducin polymorphism in a Caucasian population. *Clinical Science*, **2003**, 104, 369	6.5	1
7	Membrane Abnormalities in Essential Hypertension:.. *Annals of the New York Academy of Sciences*, **1986**, 488, 266-275	6.5	1
6	Dissecting the Polygenic Basis of Primary Hypertension: Identification of Key Pathway-Specific Components.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 814502	5.4	0
5	A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility.. *Journal of Neurology*, **2022**, 1	5.5	0
4	α-Adducin and angiotensin-converting enzyme polymorphisms in hypertension: evidence for a joint influence on albuminuria. *Journal of Hypertension*, **2006**, 24, 1217	1.9	
3	Population Stratification Analysis in Genome-Wide Association Studies **2011**, 177-196		
2	Genomic and Transcriptional Immunoediting of Acute Myeloid Leukemia in Response to Allogeneic Hematopoietic Stem Cell Transplantation. *Blood*, **2011**, 118, 329-329	2.2	
1	Identification By Gene Expression Profiling Of CIITA-Dependent HLA Class II Transcriptional Downregulation As a Novel Mechanism Of Leukemia Immune Escape and Relapse After Allogeneic HSCT. *Blood*, **2013**, 122, 3748-3748	2.2	