

# Cristina Barlassina

## List of Publications by Year in descending order

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88  
papers

6,434  
citations

81743

39  
h-index

66788

78  
g-index

92  
all docs

92  
docs citations

92  
times ranked

11804  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphisms of $\alpha$ -adducin and salt sensitivity in patients with essential hypertension. <i>Lancet</i> , The, 1997, 349, 1353-1357.	6.3	518
2	Discovery of new risk loci for IgA nephropathy implicates genes involved in immunity against intestinal pathogens. <i>Nature Genetics</i> , 2014, 46, 1187-1196.	9.4	505
3	Loss of Mismatched HLA in Leukemia after Stem-Cell Transplantation. <i>New England Journal of Medicine</i> , 2009, 361, 478-488.	13.9	459
4	Sex-stratified Genome-wide Association Studies Including 270,000 Individuals Show Sexual Dimorphism in Genetic Loci for Anthropometric Traits. <i>PLoS Genetics</i> , 2013, 9, e1003500.	1.5	371
5	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	1.5	331
6	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	9.4	282
7	Immune signature drives leukemia escape and relapse after hematopoietic cell transplantation. <i>Nature Medicine</i> , 2019, 25, 603-611.	15.2	253
8	Effects of three candidate genes on prevalence and incidence of hypertension in a Caucasian population. <i>Journal of Hypertension</i> , 2001, 19, 1349-1358.	0.3	205
9	Copy-Number Disorders Are a Common Cause of Congenital Kidney Malformations. <i>American Journal of Human Genetics</i> , 2012, 91, 987-997.	2.6	201
10	Endothelial Nitric Oxide Synthase Polymorphisms Are Associated With Type 2 Diabetes and the Insulin Resistance Syndrome. <i>Diabetes</i> , 2003, 52, 1270-1275.	0.3	182
11	ACE and $\alpha$ -Adducin Polymorphism as Markers of Individual Response to Diuretic Therapy. <i>Hypertension</i> , 2003, 41, 398-403.	1.3	160
12	The Role of $\alpha$ -Adducin Polymorphism in Blood Pressure and Sodium Handling Regulation May Not Be Excluded by a Negative Association Study. <i>Hypertension</i> , 1999, 34, 649-654.	1.3	154
13	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. <i>PLoS Genetics</i> , 2016, 12, e1006367.	1.5	146
14	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. <i>Hypertension</i> , 2012, 59, 248-255.	1.3	144
15	Association of the $\alpha$ -Adducin Locus With Essential Hypertension. <i>Hypertension</i> , 1995, 25, 320-326.	1.3	131
16	$\alpha$ -Adducin polymorphisms and renal sodium handling in essential hypertensive patients. <i>Kidney International</i> , 1998, 53, 1471-1478.	2.6	128
17	Adducin Polymorphism Affects Renal Proximal Tubule Reabsorption in Hypertension. <i>Hypertension</i> , 1999, 33, 694-697.	1.3	118
18	Cross-Disorder Genome-Wide Analyses Suggest a Complex Genetic Relationship Between Touretteâ€™s Syndrome and OCD. <i>American Journal of Psychiatry</i> , 2015, 172, 82-93.	4.0	117

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19	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015, 87, 1017-1029.	2.6	113
20	Carotid and Femoral Artery Stiffness in Relation to Three Candidate Genes in a White Population. <i>Hypertension</i> , 2001, 38, 1190-1197.	1.3	84
21	Inactive Matrix Gla Protein Is Causally Related to Adverse Health Outcomes. <i>Hypertension</i> , 2015, 65, 463-470.	1.3	84
22	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. <i>Circulation</i> , 2020, 142, 324-338.	1.6	83
23	Synergistic effect of $\hat{1}\pm$ -adducin and ACE genes causes blood pressure changes with body sodium and volume expansion. <i>Kidney International</i> , 2000, 57, 1083-1090.	2.6	76
24	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	5.8	74
25	Common genetic variants and haplotypes in renal CLCNKA gene are associated to salt-sensitive hypertension. <i>Human Molecular Genetics</i> , 2007, 16, 1630-1638.	1.4	71
26	$\hat{1}\pm$ -Adducin 460Trp Allele Is Associated With Erythrocyte Na Transport Rate in North Sardinian Primary Hypertensives. <i>Hypertension</i> , 2002, 39, 357-362.	1.3	64
27	Association between hypertension and variation in the $\hat{1}\pm$ - and $\hat{1}^2$ -adducin genes in a white population. <i>Kidney International</i> , 2002, 62, 2152-2159.	2.6	64
28	Carotid and femoral intima-media thickness in relation to three candidate genes in a Caucasian population. <i>Journal of Hypertension</i> , 2002, 20, 1551-1561.	0.3	58
29	Genes Involved in Vasoconstriction and Vasodilation System Affect Salt-Sensitive Hypertension. <i>PLoS ONE</i> , 2011, 6, e19620.	1.1	58
30	Self-renewal and phenotypic conversion are the main physiological responses of macrophages to the endogenous estrogen surge. <i>Scientific Reports</i> , 2017, 7, 44270.	1.6	58
31	Association between aldosterone synthase (CYP11B2) polymorphism and left ventricular mass in human essential hypertension. <i>Journal of the American College of Cardiology</i> , 2004, 43, 265-270.	1.2	53
32	Renal dysfunction as a possible cause of essential hypertension in predisposed subjects. <i>Kidney International</i> , 1983, 23, 870-875.	2.6	51
33	An Overview of the Genetic Structure within the Italian Population from Genome-Wide Data. <i>PLoS ONE</i> , 2012, 7, e43759.	1.1	49
34	Target Sequencing, Cell Experiments, and a Population Study Establish Endothelial Nitric Oxide Synthase (eNOS) Gene as Hypertension Susceptibility Gene. <i>Hypertension</i> , 2013, 62, 844-852.	1.3	48
35	A genome-wide screening and SNPs-to-genes approach to identify novel genetic risk factors associated with frontotemporal dementia. <i>Neurobiology of Aging</i> , 2015, 36, 2904.e13-2904.e26.	1.5	48
36	Genetics of Essential Hypertension: From Families to Genes. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, S155-S164.	3.0	47

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37	Genetic polymorphism of the renin-angiotensin-aldosterone system and arterial hypertension in the Italian population. <i>Journal of Hypertension</i> , 2003, 21, 1853-1860.	0.3	47
38	Role of the adducin family genes in human essential hypertension. <i>Journal of Hypertension</i> , 2005, 23, 543-549.	0.3	47
39	Î-adducin polymorphism in hypertensives of South African ancestry. <i>American Journal of Hypertension</i> , 2000, 13, 719-723.	1.0	40
40	Alpha-adducin gene polymorphism and cardiovascular phenotypes in a general population. <i>Journal of Hypertension</i> , 1997, 15, 1707-1710.	0.3	39
41	Interaction between polyphenols intake and PON1 gene variants on markers of cardiovascular disease: a nutrigenetic observational study. <i>Journal of Translational Medicine</i> , 2016, 14, 186.	1.8	38
42	Sardinians Genetic Background Explained by Runs of Homozygosity and Genomic Regions under Positive Selection. <i>PLoS ONE</i> , 2014, 9, e91237.	1.1	37
43	Adducin in essential hypertension. <i>FEBS Letters</i> , 1998, 430, 41-44.	1.3	35
44	Genome-Wide and Gene-Based Meta-Analyses Identify Novel Loci Influencing Blood Pressure Response to Hydrochlorothiazide. <i>Hypertension</i> , 2017, 69, 51-59.	1.3	34
45	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.	0.3	31
46	Xanthine oxidase gene variants and their association with blood pressure and incident hypertension. <i>Journal of Hypertension</i> , 2016, 34, 2147-2154.	0.3	30
47	TET2 and CSMD1 genes affect SBP response to hydrochlorothiazide in never-treated essential hypertensives. <i>Journal of Hypertension</i> , 2015, 33, 1301-1309.	0.3	29
48	Klotho Gene in Human Salt-Sensitive Hypertension. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 375-383.	2.2	29
49	Genome-wide association study identifies CAMKID variants involved in blood pressure response to losartan: the SOPHIA study. <i>Pharmacogenomics</i> , 2014, 15, 1643-1652.	0.6	27
50	Heritability Estimate of Erythrocyte Na-K-Cl Cotransport in Normotensive and Hypertensive Families. <i>American Journal of Hypertension</i> , 1991, 4, 725-734.	1.0	24
51	Exome sequencing identifies variants in two genes encoding the LIM-proteins NRAP and FHL1 in an Italian patient with BAG3 myofibrillar myopathy. <i>Journal of Muscle Research and Cell Motility</i> , 2016, 37, 101-115.	0.9	23
52	ShockOmics: multiscale approach to the identification of molecular biomarkers in acute heart failure induced by shock. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 9.	1.1	20
53	A longitudinal study highlights shared aspects of the transcriptomic response to cardiogenic and septic shock. <i>Critical Care</i> , 2019, 23, 414.	2.5	20
54	Erythrocyte Na <sup>+</sup> ,K <sup>+</sup> ,Cl <sup>-</sup> cotransport and kidney function in essential hypertension. <i>Journal of Hypertension</i> , 1993, 11, 805-813.	0.3	19

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55	$\hat{I}\pm$ - and $\hat{I}^2$ -Adducin polymorphisms affect podocyte proteins and proteinuria in rodents and decline of renal function in human IgA nephropathy. <i>Journal of Molecular Medicine</i> , 2010, 88, 203-217.	1.7	19
56	Expression analysis of the human adducin gene family and evidence of ADD2 4 multiple splicing variants. <i>Biochemical and Biophysical Research Communications</i> , 2003, 309, 359-367.	1.0	18
57	$\hat{I}\pm$ -Adducin and angiotensin-converting enzyme polymorphisms in hypertension: evidence for a joint influence on albuminuria. <i>Journal of Hypertension</i> , 2006, 24, 931-937.	0.3	17
58	Genetics of renal mechanisms of primary hypertension. <i>Journal of Hypertension</i> , 1997, 15, 1567-1571.	0.3	16
59	Transcriptome Analysis of iPSC-Derived Neurons from Rubinstein-Taybi Patients Reveals Deficits in Neuronal Differentiation. <i>Molecular Neurobiology</i> , 2020, 57, 3685-3701.	1.9	15
60	Identification of a transcriptome profile associated with improvement of organ function in septic shock patients after early supportive therapy. <i>Critical Care</i> , 2018, 22, 312.	2.5	14
61	Claudin-14 Gene Polymorphisms and Urine Calcium Excretion. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1542-1549.	2.2	14
62	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. <i>BMC Medical Genetics</i> , 2017, 18, 45.	2.1	13
63	$\hat{I}\pm$ -ADDUCIN MAY CONTROL BLOOD PRESSURE BOTH IN RATS AND HUMANS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, S7-S9.	0.9	12
64	Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. <i>BMC Genetics</i> , 2015, 16, 116.	2.7	12
65	Next-generation sequencing of a family with a high penetrance of monoclonal gammopathies for the identification of candidate risk alleles. <i>Cancer</i> , 2017, 123, 3701-3708.	2.0	12
66	The 460Trp allele of $\hat{I}\pm$ -adducin increases carotid intima-media thickness in young adult males. <i>Journal of Hypertension</i> , 2006, 24, 697-703.	0.3	10
67	Gly460Trp $\hat{I}\pm$ -adducin gene polymorphism and endothelial function in untreated hypertensive patients. <i>Journal of Hypertension</i> , 2007, 25, 2234-2239.	0.3	10
68	The burden of multiple sclerosis variants in continental Italians and Sardinians. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1385-1395.	1.4	10
69	Pharmacogenomics considerations in the control of hypertension. <i>Pharmacogenomics</i> , 2015, 16, 1951-1964.	0.6	10
70	gDNA qPCR is statistically more reliable than mRNA analysis in detecting leukemic cells to monitor CML. <i>Cell Death and Disease</i> , 2018, 9, 349.	2.7	8
71	Heritability of Sodium Transport Systems and Hypertension. <i>Annals of the New York Academy of Sciences</i> , 1986, 488, 576-578.	1.8	6
72	Dissecting the Polygenic Basis of Primary Hypertension: Identification of Key Pathway-Specific Components. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 814502.	1.1	5

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73	Heritability of Sodium Transport Systems and Hypertension. <i>Annals of the New York Academy of Sciences</i> , 1986, 488, 576-578.	1.8	4
74	Genetic models of arterial hypertension ? role of tubular ion transport. <i>Pediatric Nephrology</i> , 1993, 7, 865-870.	0.9	4
75	Pathogenetic mechanisms in essential hypertension. Analogies between a rat model and the human disease. <i>International Journal of Cardiology</i> , 1989, 25, S29-S36.	0.8	3
76	Application of an Exploratory Knowledge-Discovery Pipeline Based on Machine Learning to Multi-Scale OMICS Data to Characterise Myocardial Injury in a Cohort of Patients with Septic Shock: An Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4354.	1.0	3
77	Transcapillary protein escape in arterial hypertension. <i>Research in Clinic and Laboratory</i> , 1980, 10, 163-170.	0.3	2
78	Membrane Abnormalities in Essential Hypertension:.. <i>Annals of the New York Academy of Sciences</i> , 1986, 488, 266-275.	1.8	2
79	Angiotensinogen gene polymorphism, again?. <i>Journal of Hypertension</i> , 2003, 21, 1815-1818.	0.3	2
80	Dietary Salt Intake, Blood Pressure, and Genes. <i>Current Nutrition Reports</i> , 2013, 2, 134-141.	2.1	2
81	An integrated Diet Monitoring Solution for nutrigenomic research. <i>Studies in Health Technology and Informatics</i> , 2015, 210, 632-6.	0.2	2
82	A multi-step genomic approach prioritized TBKBP1 gene as relevant for multiple sclerosis susceptibility. <i>Journal of Neurology</i> , 2022, 269, 4510-4522.	1.8	2
83	Haematological phenotypes in relation to the C1797T $\beta$ 2-adducin polymorphism in a Caucasian population. <i>Clinical Science</i> , 2003, 104, 369.	1.8	1
84	The role of adducin in hypertension. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 1998, 5, 229.	0.6	0
85	$\beta$ 2-Adducin and angiotensin-converting enzyme polymorphisms in hypertension: evidence for a joint influence on albuminuria. <i>Journal of Hypertension</i> , 2006, 24, 1217.	0.3	0
86	Population Stratification Analysis in Genome-Wide Association Studies. , 2011, , 177-196.		0
87	Genomic and Transcriptional Immunoediting of Acute Myeloid Leukemia in Response to Allogeneic Hematopoietic Stem Cell Transplantation. <i>Blood</i> , 2011, 118, 329-329.	0.6	0
88	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. <i>Blood</i> , 2013, 122, 3748-3748.	0.6	0