

Anthony J Balmforth

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

16,190
citations

172457

29
h-index

128289

60
g-index

60
all docs

60
docs citations

60
times ranked

24355
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	Genomewide Association Analysis of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2007, 357, 443-453.	27.0	1,865
3	Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010, 467, 832-838.	27.8	1,789
4	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011, 43, 333-338.	21.4	1,685
5	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	21.4	1,439
6	Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. <i>Nature Genetics</i> , 2009, 41, 334-341.	21.4	990
7	Identification of seven loci affecting mean telomere length and their association with disease. <i>Nature Genetics</i> , 2013, 45, 422-427.	21.4	808
8	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. <i>Nature Genetics</i> , 2010, 42, 436-440.	21.4	581
9	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512.	21.4	578
10	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015, 36, 539-550.	2.2	567
11	New susceptibility locus for coronary artery disease on chromosome 3q22.3. <i>Nature Genetics</i> , 2009, 41, 280-282.	21.4	440
12	Genome-wide haplotype association study identifies the SLC22A3-LPAL2-LPA gene cluster as a risk locus for coronary artery disease. <i>Nature Genetics</i> , 2009, 41, 283-285.	21.4	427
13	Dysfunctional nitric oxide signalling increases risk of myocardial infarction. <i>Nature</i> , 2013, 504, 432-436.	27.8	230
14	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. <i>American Journal of Human Genetics</i> , 2012, 91, 823-838.	6.2	227
15	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. <i>Lancet</i> , 2012, 379, 915-922.	13.7	179
16	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	8.4	178
17	An evaluation of the beta-1 adrenergic receptor Arg389Gly polymorphism in individuals with heart failure: a MERIT-HF sub-study. <i>European Journal of Heart Failure</i> , 2003, 5, 463-468.	7.1	173
18	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2011, 88, 6-18.	6.2	122

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19	Simvastatin reduces human atrial myofibroblast proliferation independently of cholesterol lowering via inhibition of RhoA. <i>Cardiovascular Research</i> , 2004, 61, 745-755.	3.8	115
20	A Genomewide Linkage Study of 1,933 Families Affected by Premature Coronary Artery Disease: The British Heart Foundation (BHF) Family Heart Study. <i>American Journal of Human Genetics</i> , 2005, 77, 1011-1020.	6.2	105
21	The Conformational Change Responsible for AT1 Receptor Activation Is Dependent upon Two Juxtaposed Asparagine Residues on Transmembrane Helices III and VII. <i>Journal of Biological Chemistry</i> , 1997, 272, 4245-4251.	3.4	102
22	Angiotensin II type-1 receptor activation in the adult heart causes blood pressure-independent hypertrophy and cardiac dysfunction. <i>Cardiovascular Research</i> , 2009, 81, 592-600.	3.8	100
23	Hepatic Metabolism and Transporter Gene Variants Enhance Response to Rosuvastatin in Patients With Acute Myocardial Infarction. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 276-285.	5.1	91
24	Lack of Association Between the Trp719Arg Polymorphism in Kinesin-Like Protein-6 and Coronary Artery Disease in 19 Case-Control Studies. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1552-1563.	2.8	84
25	Increased Genetic Vulnerability to Smoking at CHRNA5 in Early-Onset Smokers. <i>Archives of General Psychiatry</i> , 2012, 69, 854.	12.3	71
26	The mechanism of angiotensin II-induced extracellular signal-regulated kinase-1/2 activation is independent of angiotensin AT1A receptor internalisation. <i>Cellular Signalling</i> , 2001, 13, 269-277.	3.6	53
27	Dopaminergic and Adrenergic Stimulation of Adenylate Cyclase in a Clone Derived from the Human Astrocytoma Cell Line CCM. <i>Journal of Neurochemistry</i> , 1986, 47, 715-719.	3.9	47
28	Left Ventricle Mass Index and the Common, Functional, X-Linked Angiotensin II Type-2 Receptor Gene Polymorphism (G1332A) in Patients With Systemic Hypertension. <i>Hypertension</i> , 2004, 43, 1189-1194.	2.7	36
29	Homologous Desensitization of the D1 Dopamine Receptor. <i>Journal of Neurochemistry</i> , 1990, 55, 2111-2116.	3.9	33
30	Distinct Loci in the CHRNA5/CHRNA3/CHRNB4 Gene Cluster Are Associated With Onset of Regular Smoking. <i>Genetic Epidemiology</i> , 2013, 37, 846-859.	1.3	32
31	Novel Loci Associated with Increased Risk of Sudden Cardiac Death in the Context of Coronary Artery Disease. <i>PLoS ONE</i> , 2013, 8, e59905.	2.5	30
32	Angiotensin AT2 Receptor Degradation Is Prevented by Ligand Occupation. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 142-147.	2.1	29
33	Functional domains of the C-terminus of the rat angiotensin AT1A receptor. <i>European Journal of Pharmacology</i> , 1995, 291, 135-141.	2.6	28
34	Characterization of Dopamine and Adrenergic Receptors Linked to Cyclic AMP Formation in Intact Cells of the Clone D384 Derived from a Human Astrocytoma. <i>Journal of Neurochemistry</i> , 1988, 51, 1510-1515.	3.9	27
35	The clinical significance of a common, functional, X-linked angiotensin II type 2-receptor gene polymorphism (G1332A) in a cohort of 509 families with premature coronary artery disease. <i>European Heart Journal</i> , 2005, 26, 584-589.	2.2	27
36	Hydrolysis of Atrial and Brain Natriuretic Peptides by the Human Astrocytoma Clone D384 and the Neuroblastoma Line SH-SY5Y. <i>Neuroendocrinology</i> , 1991, 54, 295-302.	2.5	22

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37	Comparative pharmacology of recombinant rat AT _{1A} , AT _{1B} and human AT ₁ receptors expressed by transfected COS μ 6 cells. <i>British Journal of Pharmacology</i> , 1994, 112, 277-281.	5.4	21
38	Change in Serum Lipids after Acute Coronary Syndromes: Secondary Analysis of SPACE ROCKET Study Data and a Comparative Literature Review. <i>Clinical Chemistry</i> , 2010, 56, 1592-1598.	3.2	20
39	A randomized, controlled trial of simvastatin versus rosuvastatin in patients with acute myocardial infarction: the Secondary Prevention of Acute Coronary Events "Reduction of Cholesterol to Key European Targets Trial. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 712-721.	2.8	17
40	Induction of the angiotensin AT ₂ receptor subtype expression by differentiation of the neuroblastoma A– glioma hybrid, NG-108-15. <i>European Journal of Pharmacology</i> , 1992, 225, 119-127.	2.6	16
41	Enhanced linkage of a locus on chromosome 2 to premature coronary artery disease in the absence of hypercholesterolemia. <i>European Journal of Human Genetics</i> , 2007, 15, 313-319.	2.8	16
42	Polymorphisms of Adrenoceptors are Not Associated With an Increased Risk of Adverse Event in Heart Failure: A MERIT-HF Substudy. <i>Journal of Cardiac Failure</i> , 2009, 15, 435-441.	1.7	15
43	An evaluation of inflammatory gene polymorphisms in sibships discordant for premature coronary artery disease: the GRACE-IMMUNE study. <i>BMC Medicine</i> , 2010, 8, 5.	5.5	15
44	Inter-subject differences in constitutive expression levels of the clock gene in man. <i>Diabetes and Vascular Disease Research</i> , 2007, 4, 39-43.	2.0	14
45	Glucocorticoids Modify Differentially Dopamine- and Prostaglandin E ₁ -Mediated Cyclic AMP Formation by the Cultured Human Astrocytoma Clone D384. <i>Journal of Neurochemistry</i> , 1989, 52, 1613-1618.	3.9	12
46	Characterization of the angiotensin II receptor expressed by the human hepatoma cell line, PLC-PRF-5. <i>European Journal of Pharmacology</i> , 1992, 227, 283-291.	2.6	12
47	The lipoprotein lipase gene serine 447 stop variant influences hypertension-induced left ventricular hypertrophy and risk of coronary heart disease. <i>Clinical Science</i> , 2007, 112, 617-624.	4.3	11
48	Pharmacological characterization of the dopamine receptor coupled to cyclic AMP formation expressed by rat mesenteric artery vascular smooth muscle cells in culture. <i>British Journal of Pharmacology</i> , 1993, 110, 681-686.	5.4	10
49	Characterization of the dopamine receptor expressed by rat glomerular mesangial cells in culture. <i>European Journal of Pharmacology</i> , 1992, 225, 1-5.	2.6	8
50	Analysis of Gene-Gene Interactions among Common Variants in Candidate Cardiovascular Genes in Coronary Artery Disease. <i>PLoS ONE</i> , 2015, 10, e0117684.	2.5	8
51	Constitutive activity of endogenous receptors by inducible G α overexpression. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1239-1244.	2.1	7
52	Cultured mesenteric vascular smooth muscle cells express dopamine DA ₁ -receptors. <i>European Journal of Pharmacology</i> , 1988, 155, 305-308.	3.5	6
53	Lack of association of genetic variants in the LRP8 gene with familial and sporadic myocardial infarction. <i>Journal of Molecular Medicine</i> , 2008, 86, 1163-1170.	3.9	6
54	Angiotensin II type 2 receptor gene polymorphisms in cardiovascular disease. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2010, 11, 79-85.	1.7	6

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55	Glucocorticoids regulate the expression of angiotensin AT1 receptors, in the human hepatoma cell line, PLC-PRF-5. <i>European Journal of Pharmacology</i> , 1995, 288, 365-371.	2.6	5
56	Constitutive activity of human angiotensin II type-1 receptors by Gq overexpression. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 134-139.	2.1	5
57	Conformational induction is the key process for activation of the AT1 receptor. <i>Biochemical Pharmacology</i> , 2006, 71, 464-471.	4.4	5
58	Thiol group identification at or near the agonist binding site of the vascular dopamine receptor. <i>European Journal of Pharmacology</i> , 1992, 226, 253-258.	2.6	4
59	Phenoxybenzamine mediated inhibition of the vascular dopamine D1 receptor. <i>European Journal of Pharmacology</i> , 1993, 247, 249-255.	2.6	4
60	The β_2 -adrenoceptor polymorphism and the occurrence of left ventricular hypertrophy in hypertensives. <i>Blood Pressure</i> , 2012, 21, 116-121.	1.5	3