Terrence Forrester

List of Publications by Year
in descending order

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96 papers	14,602 citations	57758 44 h-index	38395 95 g-index
98 all docs	98 docs citations	98 times ranked	22694 citing authors

#	Article	IF	Citations
1	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
2	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
3	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
4	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
5	Estimating African American Admixture Proportions by Use of Population-Specific Alleles. American Journal of Human Genetics, 1998, 63, 1839-1851.	6.2	718
6	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
7	Genome-Wide Association Study of Coronary Heart Disease and Its Risk Factors in 8,090 African Americans: The NHLBI CARe Project. PLoS Genetics, 2011, 7, e1001300.	3.5	290
8	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	12.8	245
9	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	12.6	234
10	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169
11	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	2.9	168
12	An international comparative study of blood pressure in populations of European vs. African descent. BMC Medicine, 2005, 3, 2.	5.5	150
13	Cysteine supplementation improves the erythrocyte glutathione synthesis rate in children with severe edematous malnutrition. American Journal of Clinical Nutrition, 2002, 76, 646-652.	4.7	149
14	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
15	Under- and overreporting of energy is related to obesity, lifestyle factors and food group intakes in Jamaican adults. Public Health Nutrition, 2004, 7, 9-19.	2.2	114
16	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	21.4	112
17	Energy expenditure in adults living in developing compared with industrialized countries: a meta-analysis of doubly labeled water studies. American Journal of Clinical Nutrition, 2011, 93, 427-441.	4.7	111
18	Hypertension in four African-origin populations: current â€˜Rule of Halves', quality of blood pressure control and attributable risk of cardiovascular disease. Journal of Hypertension, 2001, 19, 41-46.	0.5	106

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19	Standardization of blood pressure measurement in an international comparative study. Journal of Clinical Epidemiology, 1996, 49, 869-877.	5.0	105
20	Localization of a Small Genomic Region Associated with Elevated ACE. American Journal of Human Genetics, 2000, 67, 1144-1153.	6.2	104
21	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	2.5	94
22	Genome-wide association of anthropometric traits in African- and African-derived populations. Human Molecular Genetics, 2010, 19, 2725-2738.	2.9	90
23	Polymorphisms of Renin-Angiotensin Genes Among Nigerians, Jamaicans, and African Americans. Hypertension, 1996, 27, 558-563.	2.7	88
24	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. PLoS Genetics, 2017, 13, e1006728.	3.5	88
25	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	3.4	85
26	In vivo rates of erythrocyte glutathione synthesis in children with severe protein-energy malnutrition. American Journal of Physiology - Endocrinology and Metabolism, 2000, 278, E405-E412.	3.5	83
27	Fine mapping of the association with obesity at the FTO locus in African-derived populations. Human Molecular Genetics, 2010, 19, 2907-2916.	2.9	82
28	Prevalence of behavioural risk factors for cardiovascular disease in adolescents in low-income and middle-income countries: an individual participant data meta-analysis. Lancet Diabetes and Endocrinology,the, 2015, 3, 535-544.	11.4	79
29	Losing the War Against Obesity: The Need for a Developmental Perspective. Science Translational Medicine, 2011, 3, 93cm19.	12.4	78
30	Angiotensinogen levels and obesity in four black populations. Journal of Hypertension, 1998, 16, 571-575.	0.5	75
31	Protein metabolism in severe childhood malnutrition. Annals of Tropical Paediatrics, 2008, 28, 87-101.	1.0	72
32	Income, education, and blood pressure in adults in Jamaica, a middle-income developing country. International Journal of Epidemiology, 2003, 32, 400-408.	1.9	70
33	In vivo rates of erythrocyte glutathione synthesis in adults with sickle cell disease. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E73-E79.	3.5	65
34	Relationship Between Blood Pressure and Body Mass Index in Lean Populations. Hypertension, 1997, 30, 1511-1516.	2.7	65
35	The acute-phase protein response to infection in edematous and nonedematous protein-energy malnutrition. American Journal of Clinical Nutrition, 2002, 76, 1409-1415.	4.7	64
36	25-Hydroxyvitamin D in African-origin populations at varying latitudes challenges the construct of a physiologic norm , ,. American Journal of Clinical Nutrition, 2014, 100, 908-914.	4.7	64

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37	Energy compensation and adiposity in humans. Current Biology, 2021, 31, 4659-4666.e2.	3.9	63
38	A standard calculation methodology for human doubly labeled water studies. Cell Reports Medicine, 2021, 2, 100203.	6.5	62
39	Protein kinetic differences between children with edematous and nonedematous severe childhood undernutrition in the fed and postabsorptive states. American Journal of Clinical Nutrition, 2005, 82, 792-800.	4.7	51
40	Body Size and Blood Pressure. Epidemiology, 2008, 19, 38-46.	2.7	51
41	Association Between Blood Pressure and Resting Energy Expenditure Independent of Body Size. Hypertension, 2004, 43, 555-560.	2.7	50
42	Angiotensinogen and blood pressure among blacks: findings from a community survey in Jamaica. Journal of Hypertension, 1996, 14, 315-321.	0.5	49
43	Historic and Early Life Origins of Hypertension in Africans. Journal of Nutrition, 2004, 134, 211-216.	2.9	47
44	Rapid Assessment of Genetic Ancestry in Populations of Unknown Origin by Genome-Wide Genotyping of Pooled Samples. PLoS Genetics, 2010, 6, e1000866.	3.5	47
45	Ethnic Differences in Arterial Responses and Inflammatory Markers in Afro-Caribbean and Caucasian Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2362-2367.	2.4	46
46	Relation between liver fat content and the rate of VLDL apolipoprotein B-100 synthesis in children with protein-energy malnutrition1â€“3. American Journal of Clinical Nutrition, 2005, 81, 1126-1132.	4.7	43
47	Lipid kinetic differences between children with kwashiorkor and those with marasmus. American Journal of Clinical Nutrition, 2006, 83, 1283-1288.	4.7	43
48	Meta-analysis of 49â€…549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant inANGPTL4determining fasting TG levels. Journal of Medical Genetics, 2016, 53, 441-449.	3.2	34
49	Dietary Protein, Growth and Urea Kinetics in Severely Malnourished Children and During Recovery. Journal of Nutrition, 1999, 129, 969-979.	2.9	33
50	Habitual diet in four populations of African origin: a descriptive paper on nutrient intakes in rural and urban Cameroon, Jamaica and Caribbean migrants in Britain. Public Health Nutrition, 2001, 4, 765-772.	2.2	33
51	Rapid increases in obesity in Jamaica, compared to Nigeria and the United States. BMC Public Health, 2008, 8, 133.	2.9	31
52	Bisphenol A (BPA) Found in Humans and Water in Three Geographic Regions with Distinctly Different Levels of Economic Development. Environmental Health Insights, 2014, 8, EHI.S13130.	1.7	31
53	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	2.9	31
54	Sulfur amino acid metabolism in children with severe childhood undernutrition: methionine kinetics. American Journal of Clinical Nutrition, 2006, 84, 1400-1405.	4.7	30

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55	Angiotensin I-converting enzyme polymorphisms, ACE level and blood pressure among Nigerians, Jamaicans and African-Americans. European Journal of Human Genetics, 2004, 12, 460-468.	2.8	28
56	Dietary cysteine is used more efficiently by children with severe acute malnutrition with edema compared with those without edema. American Journal of Clinical Nutrition, 2012, 95, 84-90.	4.7	28
57	Factors affecting study efficiency and item non-response in health surveys in developing countries: the Jamaica national healthy lifestyle survey. BMC Medical Research Methodology, 2007, 7, 13.	3.1	25
58	Childhood malnutrition is associated with a reduction in the total melanin content of scalp hair. British Journal of Nutrition, 2007, 98, 159-164.	2.3	23
59	Non-exercise Physical Activity in Agricultural and Urban People. Urban Studies, 2011, 48, 2417-2427.	3.7	22
60	Physical activity and fat-free mass during growth and in later life. American Journal of Clinical Nutrition, 2021, 114, 1583-1589.	4.7	22
61	Sulfur amino acid metabolism in children with severe childhood undernutrition: cysteine kinetics. American Journal of Clinical Nutrition, 2006, 84, 1393-1399.	4.7	21
62	Transferrin Kinetics Are Altered in Children with Severe Protein-Energy Malnutrition , ,. Journal of Nutrition, 1997, 127, 1469-1474.	2.9	18
63	Fibroblast Growth Factor-23 (FGF-23) Levels Differ Across Populations by Degree of Industrialization. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2246-2253.	3.6	18
64	Response of splanchnic and whole-body leucine kinetics to treatment of children with edematous protein-energy malnutrition accompanied by infection. American Journal of Clinical Nutrition, 2002, 76, 633-640.	4.7	17
65	The Role of Inheritance and Environment in Predisposition to Vascular Disease in People of African Descent. Journal of the American College of Cardiology, 2006, 47, 1126-1133.	2.8	17
66	Gut microbial features can predict host phenotype response to protein deficiency. Physiological Reports, 2018, 6, e13932.	1.7	17
67	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. Molecular Psychiatry, 2020, 26, 2111-2125.	7.9	17
68	Acute-phase protein response to infection in severe malnutrition. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E112-E117.	3.5	16
69	Molecular Evidence for Differential Long-term Outcomes of Early Life Severe Acute Malnutrition. EBioMedicine, 2017, 18, 274-280.	6.1	15
70	Effects of randomized supplementation of methionine or alanine on cysteine and glutathione production during the early phase of treatment of children with edematous malnutrition. American Journal of Clinical Nutrition, 2014, 99, 1052-1058.	4.7	14
71	Glutathione S-transferase polymorphisms may be associated with risk of oedematous severe childhood malnutrition. British Journal of Nutrition, 2006, 96, 243-248.	2.3	13
72	Nutrient intakes and dysglycaemia in populations of West African origin. British Journal of Nutrition, 2011, 105, 297-306.	2.3	13

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73	Obesity in Peoples of the African Diaspora. Novartis Foundation Symposium, 1996, 201, 37-53.	1.1	13
74	Repletion of the Plasma Pool of Nutrient Transport Proteins Occurs at Different Rates during the Nutritional Rehabilitation of Severely Malnourished Children , ,. Journal of Nutrition, 1998, 128, 214-219.	2.9	12
75	Glycine production in severe childhood undernutrition. American Journal of Clinical Nutrition, 2006, 84, 143-149.	4.7	12
76	Epidemiologic Transitions: Migration and Development of Obesity and Cardiometabolic Disease in the Developing World. Nestle Nutrition Institute Workshop Series, 2013, 71, 147-156.	0.1	11
77	Association between smoking and total energy expenditure in a multi-country study. Nutrition and Metabolism, 2014, 11, 48.	3.0	11
78	Association between 25-Hydroxyvitamin D and Intact Parathyroid Hormone Levels Across Latitude among Adults with African Ancestry. Endocrine Practice, 2016, 22, 911-919.	2.1	9
79	An international matched cohort study of the contribution of metabolic impairments to subclinical atherosclerosis in United Kingdom and Jamaican African-Caribbeans. Atherosclerosis, 2008, 199, 95-101.	0.8	8
80	Dietary factors and fibroblast growth factor-23 levels in young adults with African ancestry. Journal of Bone and Mineral Metabolism, 2017, 35, 666-674.	2.7	8
81	Polymorphisms in genes involved in folate metabolism as risk factors for oedematous severe childhood malnutrition: a hypothesis-generating study. Annals of Tropical Paediatrics, 2006, 26, 107-114.	1.0	7
82	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition. Nature Communications, 2022, 13, 99.	12.8	7
83	Supplementation with Aromatic Amino Acids Improves Leucine Kinetics but Not Aromatic Amino Acid Kinetics in Infants with Infection, Severe Malnutrition, and Edema. Journal of Nutrition, 2004, 134, 3004-3010.	2.9	6
84	The vascular effects of metabolic impairment clusters in subjects of different ethnicities. Atherosclerosis, 2007, 192, 354-362.	0.8	6
85	Arginine flux and intravascular nitric oxide synthesis in severe childhood undernutrition. American Journal of Clinical Nutrition, 2007, 86, 1024-1031.	4.7	6
86	Dietary Supplementation with Aromatic Amino Acids Increases Protein Synthesis in Children with Severe Acute Malnutrition. Journal of Nutrition, 2014, 144, 660-666.	2.9	6
87	25-Hydroxyvitamin D and blood pressure. Journal of Hypertension, 2017, 35, 968-974.	0.5	6
88	Human total, basal and activity energy expenditures are independent of ambient environmental temperature. IScience, 2022, 25, 104682.	4.1	6
89	Tyrosine requirement during the rapid catch-up growth phase of recovery from severe childhood undernutrition. British Journal of Nutrition, 2010, 104, 1174-1180.	2.3	5
90	Commentary: 'Serum-cholesterol, diet, and coronary heart-disease in Africans and Asians in Uganda' by AG Shaper and KW Jones. International Journal of Epidemiology, 2012, 41, 1233-1235.	1.9	5

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91	The efficacy of detecting variants with small effects on the Affymetrix 6.0 platform using pooled DNA. Human Genetics, 2011, 130, 607-621.	3.8	3
92	Nutritional Repletion of Children with Severe Acute Malnutrition Does Not Affect VLDL Apolipoprotein B-100 Synthesis Rate. Journal of Nutrition, 2012, 142, 931-935.	2.9	3
93	Richer but fatter: the unintended consequences of microcredit financing on household health and expenditure in Jamaica. Tropical Medicine and International Health, 2015, 20, 67-76.	2.3	3
94	Reply to T Weishaar. American Journal of Clinical Nutrition, 2015, 101, 413-414.	4.7	1
95	Dietary cysteine is utilized more efficiently by children with edematous severe childhood undernutrition compared to those with nonâ€edematous severe childhood undernutrition during nutritional rehabilitation. FASEB Journal, 2011, 25, 983.1.	0.5	0
96	Dietary supplementation with aromatic amino acids improves net protein synthesis in children with severe acute malnutrition during hospitalization. FASEB Journal, 2012, 26, 42.2.	0.5	0