

Steven C Hunt

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

19,905
citations

50276

46
h-index

38395

95
g-index

102
all docs

102
docs citations

102
times ranked

28501
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of prenatal substance use disorders with pregnancy and birth outcomes following bariatric surgery. <i>International Journal of Obesity</i> , 2022, 46, 107-112.	3.4	6
2	Mediators of suicidality 12 years after bariatric surgery relative to a nonsurgery comparison group. <i>Surgery for Obesity and Related Diseases</i> , 2021, 17, 121-130.	1.2	3
3	Donor-specific phenotypic variation in hiPSC cardiomyocyte-derived exosomes impacts endothelial cell function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H954-H968.	3.2	8
4	Associations of Visceral, Subcutaneous, Epicardial, and Liver Fat with Metabolic Disorders up to 14 Years After Weight Loss Surgery. <i>Metabolic Syndrome and Related Disorders</i> , 2021, 19, 83-92.	1.3	18
5	apoA2 correlates to gestational age with decreased apolipoproteins A2, C1, C3 and E in gestational diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001925.	2.8	7
6	Characterizing a Common CERS2 Polymorphism in a Mouse Model of Metabolic Disease and in Subjects from the Utah CAD Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3098-e3109.	3.6	8
7	Sugar-Sweetened Beverage Consumption and Calcified Atherosclerotic Plaques in the Coronary Arteries: The NHLBI Family Heart Study. <i>Nutrients</i> , 2021, 13, 1775.	4.1	2
8	Proteome-wide associations with short- and long-term weight loss and regain after Roux-Y gastric bypass surgery. <i>Obesity</i> , 2021, 30, 129.	3.0	7
9	Genetics and geography of leukocyte telomere length in sub-Saharan Africans. <i>Human Molecular Genetics</i> , 2020, 29, 3014-3020.	2.9	5
10	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	7.9	17
11	Gut microbiota differs a decade after bariatric surgery relative to a nonsurgical comparison group. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 1304-1311.	1.2	8
12	Machine learning reveals serum sphingolipids as cholesterol-independent biomarkers of coronary artery disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 1363-1376.	8.2	141
13	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019, 10, 376.	12.8	64
14	FGF19 Analog as a Surgical Factor Mimetic That Contributes to Metabolic Effects Beyond Glucose Homeostasis. <i>Diabetes</i> , 2019, 68, 1315-1328.	0.6	39
15	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	2.9	31
16	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019, 104, 112-138.	6.2	106
17	Fitness versus adiposity in cardiovascular disease risk. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 225-230.	2.9	11
18	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123

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19	Weight and Metabolic Outcomes 12 Years after Gastric Bypass. <i>New England Journal of Medicine</i> , 2018, 378, 93-96.	27.0	52
20	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 453-475.	4.7	137
21	12-year trajectory of health-related quality of life in gastric bypass patients versus comparison groups. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 1359-1365.	1.2	40
22	Changes in Blood microRNA Expression and Early Metabolic Responsiveness 21 Days Following Bariatric Surgery. <i>Frontiers in Endocrinology</i> , 2018, 9, 773.	3.5	31
23	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. <i>JAMA Oncology</i> , 2017, 3, 636.	7.1	376
24	A genome-wide association meta-analysis on lipoprotein (a) concentrations adjusted for apolipoprotein (a) isoforms. <i>Journal of Lipid Research</i> , 2017, 58, 1834-1844.	4.2	114
25	Coffee consumption and calcified atherosclerotic plaques in the coronary arteries: The NHLBI Family Heart Study. <i>Clinical Nutrition ESPEN</i> , 2017, 17, 18-21.	1.2	10
26	Weight and Metabolic Outcomes 12 Years after Gastric Bypass. <i>New England Journal of Medicine</i> , 2017, 377, 1143-1155.	27.0	621
27	Plasma Concentrations of Afamin Are Associated With Prevalent and Incident Type 2 Diabetes: A Pooled Analysis in More Than 20,000 Individuals. <i>Diabetes Care</i> , 2017, 40, 1386-1393.	8.6	59
28	Expression of Metabolic Syndrome in Women with Severe Obesity. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 283-290.	1.3	12
29	Single-trait and multi-trait genome-wide association analyses identify novel loci for blood pressure in African-ancestry populations. <i>PLoS Genetics</i> , 2017, 13, e1006728.	3.5	88
30	A Genome-wide study of blood pressure in African Americans accounting for gene-smoking interaction. <i>Scientific Reports</i> , 2016, 6, 18812.	3.3	34
31	Walking and Calcified Atherosclerotic Plaque in the Coronary Arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1272-1277.	2.4	12
32	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
33	Association of Central Adiposity With Adverse Cardiac Mechanics. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	65
34	A genome-wide association meta-analysis on apolipoprotein A-IV concentrations. <i>Human Molecular Genetics</i> , 2016, 25, 3635-3646.	2.9	46
35	APOH interacts with FTO to predispose to healthy thinness. <i>Human Genetics</i> , 2016, 135, 201-207.	3.8	6
36	Association of Patient Age at Gastric Bypass Surgery With Long-term All-Cause and Cause-Specific Mortality. <i>JAMA Surgery</i> , 2016, 151, 631.	4.3	62

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37	Shorter telomere length in Europeans than in Africans due to polygenetic adaptation. <i>Human Molecular Genetics</i> , 2016, 25, 2324-2330.	2.9	86
38	Telomere length measurement by a novel Luminex-based assay: a blinded comparison to Southern blot. <i>International Journal of Molecular Epidemiology and Genetics</i> , 2016, 7, 18-23.	0.4	12
39	Decreasing initial telomere length in humans intergenerationally understates age-associated telomere shortening. <i>Aging Cell</i> , 2015, 14, 669-677.	6.7	24
40	Lack of association of apolipoprotein E (Apo E) polymorphism with the prevalence of metabolic syndrome: the National Heart, Lung and Blood Institute Family Heart Study. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 582-587.	4.0	5
41	A Copy Number Variant on Chromosome 20q13.3 Implicated in Thinness and Severe Obesity. <i>Journal of Obesity</i> , 2015, 2015, 1-7.	2.7	6
42	PCSK9 variation and association with blood pressure in African Americans: preliminary findings from the HyperGEN and REGARDS studies. <i>Frontiers in Genetics</i> , 2015, 6, 136.	2.3	25
43	<i>DCAF4</i> , a novel gene associated with leucocyte telomere length. <i>Journal of Medical Genetics</i> , 2015, 52, 157-162.	3.2	66
44	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
45	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
46	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
47	Leukocyte Telomere Length and Coronary Artery Calcium. <i>American Journal of Cardiology</i> , 2015, 116, 214-218.	1.6	39
48	Association of ideal cardiovascular health and calcified atherosclerotic plaque in the coronary arteries: The National Heart, Lung, and Blood Institute Family Heart Study. <i>American Heart Journal</i> , 2015, 169, 371-378.e1.	2.7	40
49	Association Between Shortened Leukocyte Telomere Length and Cardio-Metabolic Outcomes. Circulation: <i>Cardiovascular Genetics</i> , 2015, 8, 4-7.	5.1	31
50	Linkage analysis incorporating gene-age interactions identifies seven novel lipid loci: The Family Blood Pressure Program. <i>Atherosclerosis</i> , 2014, 235, 84-93.	0.8	11
51	Gender and telomere length: Systematic review and meta-analysis. <i>Experimental Gerontology</i> , 2014, 51, 15-27.	2.8	394
52	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
53	Association of egg consumption and calcified atherosclerotic plaque in the coronary arteries: The NHLBI Family Heart Study. <i>E-SPEN Journal</i> , 2014, 9, e131-e135.	0.5	7
54	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	21.4	2,641

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55	Health Benefits of Gastric Bypass Surgery After 6 Years. JAMA - Journal of the American Medical Association, 2012, 308, 1122.	7.4	574
56	Genome-wide meta-analysis points to CTC1 and ZNF676 as genes regulating telomere homeostasis in humans. Human Molecular Genetics, 2012, 21, 5385-5394.	2.9	210
57	Chocolate consumption and prevalence of metabolic syndrome in the NHLBI Family Heart Study. E-SPEN Journal, 2012, 7, e139-e143.	0.5	5
58	Polymorphisms in the <i>NPY2R</i> Gene Show Significant Associations With BMI That Are Additive to <i>FTO</i> , <i>MC4R</i> , and <i>NPFFR2</i> Gene Effects. Obesity, 2011, 19, 2241-2247.	3.0	39
59	Health Outcomes of Gastric Bypass Patients Compared to Nonsurgical, Nonintervened Severely Obese. Obesity, 2010, 18, 121-130.	3.0	125
60	Measurement of telomere length by the Southern blot analysis of terminal restriction fragment lengths. Nature Protocols, 2010, 5, 1596-1607.	12.0	378
61	Genome-wide association identifies <i>OBFC1</i> as a locus involved in human leukocyte telomere biology. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9293-9298.	7.1	244
62	Strategies to Improve Detection of Hypertension Genes. Journal of Nutrigenetics and Nutrigenomics, 2010, 3, 182-191.	1.3	0
63	Strategies to Improve Detection of Hypertension Genes. World Review of Nutrition and Dietetics, 2010, 101, 46-55.	0.3	0
64	Genetic Architecture of Complex Traits Predisposing to Nephropathy: Hypertension. Seminars in Nephrology, 2010, 30, 150-163.	1.6	4
65	Association of an intronic haplotype of the LIPC gene with hyperalphalipoproteinemia in two independent populations. Journal of Human Genetics, 2008, 53, 193-200.	2.3	12
66	Association of the FTO Gene With BMI. Obesity, 2008, 16, 902-904.	3.0	139
67	Leukocyte telomeres are longer in African-Americans than in whites: the National Heart, Lung, and Blood Institute Family Heart Study and the Bogalusa Heart Study. Aging Cell, 2008, 7, 451-458.	6.7	263
68	Long-Term Mortality after Gastric Bypass Surgery. New England Journal of Medicine, 2007, 357, 753-761.	27.0	2,289
69	Lack of Association of Glutamate Decarboxylase 2 Gene Polymorphisms with Severe Obesity in Utah. Obesity, 2006, 14, 650-655.	3.0	8
70	Sodium Bicarbonate Cotransporter Polymorphisms Are Associated With Baseline and 10-Year Follow-Up Blood Pressures. Hypertension, 2006, 47, 532-536.	2.7	47
71	Pre- and Postprandial Appetite Hormone Levels in Normal Weight and Obese Women. FASEB Journal, 2006, 20, A1036.	0.5	0
72	Genetic Structure, Self-Identified Race/Ethnicity, and Confounding in Case-Control Association Studies. American Journal of Human Genetics, 2005, 76, 268-275.	6.2	513

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73	Plasma triglycerides and type III hyperlipidemia are independently associated with premature familial coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1003-1012.	2.8	136
74	Design and rationale of the Utah obesity study. A study to assess morbidity following gastric bypass surgery. <i>Contemporary Clinical Trials</i> , 2005, 26, 534-551.	1.8	53
75	G-substrate gene promoter SNP (-1323T>C) modifies plasma total cholesterol and triglyceride phenotype in familial hypercholesterolemia: Intra-familial association study in an eight-generation hyperlipidemic kindred. <i>Geriatrics and Gerontology International</i> , 2004, 4, 71-76.	1.5	0
76	Soluble epoxide hydrolase variant (Glu287Arg) modifies plasma total cholesterol and triglyceride phenotype in familial hypercholesterolemia: Intrafamilial association study in an eight-generation hyperlipidemic kindred. <i>Journal of Human Genetics</i> , 2004, 49, 29-34.	2.3	78
77	Linkage of serum creatinine and glomerular filtration rate to chromosome 2 in Utah pedigrees*1. <i>American Journal of Hypertension</i> , 2004, 17, 511-515.	2.0	36
78	Family history assessment. <i>American Journal of Preventive Medicine</i> , 2003, 24, 136-142.	3.0	91
79	Genome Scans for Blood Pressure and Hypertension. <i>Hypertension</i> , 2002, 40, 1-6.	2.7	112
80	Linkage of creatinine clearance to chromosome 10 in Utah pedigrees replicates a locus for end-stage renal disease in humans and renal failure in the fawn-hooded rat. <i>Kidney International</i> , 2002, 62, 1143-1148.	5.2	55
81	Loss-of-Function Polymorphism of the Human Kallikrein Gene with Reduced Urinary Kallikrein Activity. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 968-976.	6.1	69
82	Blood pressure response to angiotensin II, low-density lipoprotein cholesterol and polymorphisms of the angiotensin II type 1 receptor gene in hypertensive sibling pairs. <i>Journal of Molecular Medicine</i> , 2001, 79, 175-183.	3.9	34
83	Linkage of body mass index to chromosome 20 in Utah pedigrees. <i>Human Genetics</i> , 2001, 109, 279-285.	3.8	51
84	Evidence for major genes influencing pulmonary function in the NHLBI Family Heart Study. <i>Genetic Epidemiology</i> , 2000, 19, 81-94.	1.3	101
85	Inheritance of the Waist-to-Hip Ratio in the National Heart, Lung, and Blood Institute Family Heart Study. <i>Obesity</i> , 2000, 8, 294-301.	4.0	15
86	Enhanced blood pressure response to mild sodium reduction in subjects with the 235T variant of the angiotensinogen gene. <i>American Journal of Hypertension</i> , 1999, 12, 460-466.	2.0	67
87	Evidence for Multiple Determinants of the Body Mass Index: The National Heart, Lung, and Blood Institute Family Heart Study. <i>Obesity</i> , 1998, 6, 107-114.	4.0	64
88	Segregation analysis of cardiovascular reactivity to laboratory stressors. , 1997, 14, 35-49.		14
89	Familial History of Stroke and Stroke Risk. <i>Stroke</i> , 1997, 28, 1908-1912.	2.0	154
90	Evidence for a Major Gene Elevating Serum Bilirubin Concentration in Utah Pedigrees. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 912-917.	2.4	32

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91	Pregnancy Weight Retention in Morbid Obesity. <i>Obesity</i> , 1995, 3, 121-130.	4.0	21
92	Evidence for multiple genes determining sodium transport. <i>Genetic Epidemiology</i> , 1994, 11, 553-568.	1.3	8
93	Familial Aggregation of Morbid Obesity. <i>Obesity</i> , 1993, 1, 261-270.	4.0	27
94	Absence of linkage between the angiotensin converting enzyme locus and human essential hypertension. <i>Nature Genetics</i> , 1992, 1, 72-75.	21.4	376
95	Time-varying limits for single blood pressures and heart rates of group-synchronized healthy women. <i>Heart and Vessels</i> , 1991, 6, 107-111.	1.2	4
96	Genetics of Hypertension: What We Know and Don't Know. <i>Clinical and Experimental Hypertension</i> , 1990, 12, 865-876.	0.3	23
97	The inheritance of intraerythrocytic sodium level. <i>American Journal of Medical Genetics Part A</i> , 1988, 29, 193-203.	2.4	75
98	Familial correlations from genes and shared environment for urine, plasma, and intraerythrocytic sodium. <i>American Journal of Medical Genetics Part A</i> , 1987, 27, 249-255.	2.4	10
99	Testing for familial aggregation of a dichotomous trait. <i>Genetic Epidemiology</i> , 1986, 3, 299-312.	1.3	14
100	Genetic analysis of sodium-lithium countertransport in 10 hypertension-prone kindreds. <i>American Journal of Medical Genetics Part A</i> , 1984, 17, 565-577.	2.4	75