Craig H Warden

List of Publications by Year
in descending order

72 papers	5,810 citations	159585 30 h-index	95266 68 g-index
73 all docs	73 docs citations	73 times ranked	6042 citing authors

#	Article	IF	Citations
1	Uncoupling protein-2: a novel gene linked to obesity and hyperinsulinemia. Nature Genetics, 1997, 15, 269-272.	21.4	1,579
2	The Collaborative Cross, a community resource for the genetic analysis of complex traits. Nature Genetics, 2004, 36, 1133-1137.	21.4	1,034
3	Uncoupling protein-2 prevents neuronal death and diminishes brain dysfunction after stroke and brain trauma. Nature Medicine, 2003, 9, 1062-1068.	30.7	467
4	BMCP1, a Novel Mitochondrial Carrier with High Expression in the Central Nervous System of Humans and Rodents, and Respiration Uncoupling Activity in Recombinant Yeast. Journal of Biological Chemistry, 1998, 273, 34611-34615.	3.4	267
5	Brain Uncoupling Protein 2: Uncoupled Neuronal Mitochondria Predict Thermal Synapses in Homeostatic Centers. Journal of Neuroscience, 1999, 19, 10417-10427.	3.6	163
6	Comparisons of Diets Used in Animal Models of High-Fat Feeding. Cell Metabolism, 2008, 7, 277.	16.2	150
7	The case for strategic international alliances to harness nutritional genomics for public and personal health. British Journal of Nutrition, 2005, 94, 623-632.	2.3	137
8	Prolylcarboxypeptidase regulates food intake by inactivating Î±-MSH in rodents. Journal of Clinical Investigation, 2009, 119, 2291-303.	8.2	122
9	PEDIATRIC OBESITY. Pediatric Clinics of North America, 1997, 44, 339-361.	1.8	118
10	Brain mitochondrial uncoupling protein 2 (UCP2): a protective stress signal in neuronal injury. Biochemical Pharmacology, 2002, 64, 363-367.	4.4	111
11	Sequential changes in superoxide production, anion carriers and substrate oxidation in skeletal muscle mitochondria of heat-stressed chickens. FEBS Letters, 2007, 581, 3461-3467.	2.8	101
12	Associations between uncoupling protein 2, body composition, and resting energy expenditure in lean and obese African American, white, and Asian children. American Journal of Clinical Nutrition, 2000, 71, 1405-1412.	4.7	88
13	Deletion of Mitochondrial Uncoupling Protein-2 Increases Ischemic Brain Damage after Transient Focal Ischemia by Altering Gene Expression Patterns and Enhancing Inflammatory Cytokines. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1825-1833.	4.3	75
14	Linkage analysis of the genetic determinants of high density lipoprotein concentrations and composition: evidence for involvement of the apolipoprotein A-II and cholesteryl ester transfer protein loci. Human Genetics, 1994, 93, 639-648.	3.8	69
15	Overexpression of UCP2 Protects Thalamic Neurons following Global Ischemia in the Mouse. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1186-1195.	4.3	64
16	Cloning and Developmental Regulation of a Novel Member of the Insulin-like Gene Family inCaenorhabditis elegans. Biochemical and Biophysical Research Communications, 1998, 249, 385-390.	2.1	63
17	Linkage Mapping of 40 Randomly Isolated Liver cDNA Clones in the Mouse. Genomics, 1993, 18, 295-307.	2.9	62
18	How Can We Define â€œOptimal Microbiota?â€: A Comparative Review of Structure and Functions of Microbiota of Animals, Fish, and Plants in Agriculture. Frontiers in Nutrition, 2018, 5, 90.	3.7	61

#	Article	IF	Citations
19	Overexpression of muscle uncoupling protein 2 content in human obesity associates with reduced skeletal muscle lipid utilization. FASEB Journal, 1998, 12, 1739-1745.	0.5	58
20	BSB: A New Mouse Model of Multigenic Obesity. Obesity, 1993, 1, 271-280.	4.0	48
21	Mouse Cellular Nucleic Acid Binding Proteins: A Highly Conserved Family Identified by Genetic Mapping and Sequencing. Genomics, 1994, 24, 14-19.	2.9	45
22	Mitochondrial Uncoupling Protein 2 (UCP2) in the Nonhuman Primate Brain and Pituitary**This work was supported by NSF Grant IBN-9728581, NIH Grants NS-36111, MH-59847, RR-00163, HD-29186, and HD-37186.. Endocrinology, 2000, 141, 4226-4238.	2.8	45
23	Characterization of Tusc5, an adipocyte gene co-expressed in peripheral neurons. Molecular and Cellular Endocrinology, 2007, 276, 24-35.	3.2	44
24	T₃stimulates resting metabolism and UCP-2 and UCP-3 mRNA but not nonphosphorylating mitochondrial respiration in mice. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E380-E389.	3.5	40
25	Gene-environment interaction: a significant diet-dependent obesity locus demonstrated in a congenic segment on mouse Chromosome 7 Mus castaneus. -->. Mammalian Genome, 1999, 10, 457-462.	2.2	37
26	Effect of aging, caloric restriction, and uncoupling protein 3 (UCP3) on mitochondrial proton leak in mice. Experimental Gerontology, 2008, 43, 1069-1076.	2.8	37
27	Chromosomal Organization of the Inducible and Constitutive Prostaglandin Synthase/Cyclooxygenase Genes in Mouse. Genomics, 1993, 15, 458-460.	2.9	34
28	Relations of glutamate carboxypeptidase II (GCPII) polymorphisms to folate and homocysteine concentrations and to scores of cognition, anxiety, and depression in a homogeneous Norwegian population: the Hordaland Homocysteine Study. American Journal of Clinical Nutrition, 2007, 86, 514-521.	4.7	33
29	Effects of 2-G exposure on temperature regulation, circadian rhythms, and adiposity in UCP2/3 transgenic mice. Journal of Applied Physiology, 2000, 89, 1491-1498.	2.5	32
30	Chromosomal Organization of Mammalian POU Domain Factors. Genomics, 1993, 18, 126-130.	2.9	31
31	Mapping of Mouse Obesity Genes: A Generic Approach to a Complex Trait. Journal of Nutrition, 1997, 127, 1909S-1916S.	2.9	31
32	Uncoupling protein 2 (UCP2) lowers alcohol sensitivity and pain threshold. Biochemical Pharmacology, 2002, 64, 369-374.	4.4	31
33	Epistasis among genes is a universal phenomenon in obesity:. Nutrition, 2004, 20, 74-77.	2.4	31
34	Characterization of Epistasis Influencing Complex Spontaneous Obesity in the BSB Model. Genetics, 2004, 167, 399-409.	2.9	30
35	Identification of positional candidate genes for body weight and adiposity in subcongenic mice. Physiological Genomics, 2007, 31, 75-85.	2.3	29
36	Serious limitations of the QTL/Microarray approach for QTL gene discovery. BMC Biology, 2010, 8, 96.	3.8	29

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37	The current and future search for obesity genes. American Journal of Clinical Nutrition, 2007, 85, 1-2.	4.7	28
38	A novel mouse Chromosome 2 congenic strain with obesity phenotypes. Mammalian Genome, 2004, 15, 452-459.	2.2	25
39	Structure-function relationships in UCP1, UCP2 and chimeras. FEBS Journal, 2001, 268, 903-913.	0.2	24
40	Quantitative trait locus analysis of susceptibility to diet-induced atherosclerosis in recombinant inbred mice. Biochemical Genetics, 1994, 32, 397-407.	1.7	23
41	Evidence of maternal QTL affecting growth and obesity in adult mice. Mammalian Genome, 2009, 20, 269-280.	2.2	23
42	Characterization of survival and phenotype throughout the life span in UCP2/UCP3 genetically altered mice. Experimental Gerontology, 2008, 43, 1061-1068.	2.8	22
43	Obesity in BSB Mice Is Correlated with Expression of Genes for Iron Homeostasis and Leptin. Obesity, 2004, 12, 191-204.	4.0	21
44	Reciprocal Hemizygosity Analysis of Mouse Hepatic Lipase Reveals Influence on Obesity. Obesity, 2004, 12, 292-305.	4.0	21
45	Identification of a congenic mouse line with obesity and body length phenotypes. Mammalian Genome, 2004, 15, 460-471.	2.2	20
46	The Yellow Agouti Mutation Alters Some But Not All Responses to Diet and Exercise. Obesity, 2004, 12, 1243-1255.	4.0	19
47	In vivo multiplex quantitative analysis of 3 forms of alpha melanocyte stimulating hormone in pituitary of prolyl endopeptidase deficient mice. Molecular Brain, 2009, 2, 14.	2.6	18
48	Overlapping mouse subcongenic strains successfully separate two linked body fat QTL on distal MMU 2. BMC Genomics, 2015, 16, 16.	2.8	16
49	Maternal influence of prolyl endopeptidase on fat mass of adult progeny. International Journal of Obesity, 2009, 33, 1013-1022.	3.4	14
50	Effects of inhibiting transcription and protein synthesis on basal and insulin-stimulated leptin gene expression and leptin secretion in cultured rat adipocytes. Biochemical and Biophysical Research Communications, 2003, 307, 907-914.	2.1	13
51	Epistatic interaction between two nonstructural loci on chromosomes 7 and 3 influences hepatic lipase activity in BSB mice. Journal of Lipid Research, 2004, 45, 2063-2070.	4.2	13
52	Mitochondrial Uncoupling Protein 2 (UCP2) in the Nonhuman Primate Brain and Pituitary. Endocrinology, 2000, 141, 4226-4238.	2.8	11
53	Uncoupling protein 2 in primary pain and temperature afferents of the spinal cord. Brain Research, 2002, 955, 260-263.	2.2	10
54	Studies of natural allele effects in mice can be used to identify genes causing common human obesity. Obesity Reviews, 2003, 4, 249-255.	6.5	10

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55	BIOLOGICAL INFLUENCES ON OBESITY. Pediatric Clinics of North America, 2001, 48, 879-891.	1.8	9
56	Four out of eight genes in a mouse chromosome 7 congenic donor region are candidate obesity genes. Physiological Genomics, 2011, 43, 1049-1055.	2.3	9
57	Dietary fat and genotype: toward individualized prescriptions for lifestyle changes1,2. American Journal of Clinical Nutrition, 2005, 81, 1255-1256.	4.7	7
58	Uncoupling proteins: a molecular basis for racial differences in energy expenditure (and obesity?). American Journal of Clinical Nutrition, 2002, 75, 607-608.	4.7	6
59	Genetics of obesity in Hispanic children1,2. American Journal of Clinical Nutrition, 2006, 84, 473-474.	4.7	6
60	In vivo emergence of beige-like fat in chickens as physiological adaptation to cold environments. Amino Acids, 2021, 53, 381-393.	2.7	6
61	Gene-Gene Epistasis and Gene-Environment Interactions Influence Diabetes and Obesity. , 2006, , 135-151.		5
62	Geneâ€“Nutrient and Geneâ€“Physical Activity Summaryâ€”Genetics Viewpoint. Obesity, 2008, 16, S55-9.	3.0	5
63	Obesity: from animal models to human genetics to practical applications. Progress in Molecular Biology and Translational Science, 2010, 94, 373-89.	1.7	5
64	Localization of Murine Macrophage Inducible Nitric Oxide Synthase to Mouse Chromosome 11. Genomics, 1994, 22, 646-647.	2.9	4
65	Mouse hepatic lipase alleles with variable effects on lipoprotein composition and size. Journal of Lipid Research, 2010, 51, 1035-1048.	4.2	4
66	Leptin receptor interacts with rat chromosome 1 to regulate renal disease traits. Physiological Genomics, 2012, 44, 1052-1062.	2.3	4
67	Genes unlinked to the leptin receptor influence urinary albumin excretion in obese Zucker rats. Physiological Genomics, 2010, 41, 297-305.	2.3	3
68	Brown Norway Chromosome 1 Congenic Reduces Symptoms of Renal Disease in Fatty Zucker Rats. PLoS ONE, 2014, 9, e87770.	2.5	1
69	Genetic Analysis of Rodent Obesity and Diabetes. , 2007, , 617-636.		0
70	Chow fed UC Davis strain female Lepr fatty Zucker rats exhibit mild glucose intolerance, hypertriglyceridemia, and increased urine volume, all reduced by a Brown Norway strain chromosome 1 congenic donor region. PLoS ONE, 2017, 12, e0188175.	2.5	0
71	Overexpression of UCP2 does not diminish expression of neuroinflammatory mediators in the aged mouse hypothalamus. FASEB Journal, 2008, 22, 80-80.	0.5	0
72	Reply to R Cooper and A Luke. American Journal of Clinical Nutrition, 2003, 77, 752-753.	4.7	0