Heather A Lawson

List of Publications by Year
in descending order

25 papers	962 citations	623734 14 h-index	642732 23 g-index
34 all docs	34 docs citations	34 times ranked	1395 citing authors

#	Article	IF	Citations
1	Genomic imprinting and parent-of-origin effects on complex traits. Nature Reviews Genetics, 2013, 14, 609-617.	16.3	219
2	The Human Pangenome Project: a global resource to map genomic diversity. Nature, 2022, 604, 437-446.	27.8	192
3	The NIEHS TaRGET II Consortium and environmental epigenomics. Nature Biotechnology, 2018, 36, 225-227.	17.5	79
4	Dietâ€Dependent Genetic and Genomic Imprinting Effects on Obesity in Mice. Obesity, 2011, 19, 160-170.	3.0	49
5	Genetic Effects at Pleiotropic Loci Are Context-Dependent with Consequences for the Maintenance of Genetic Variation in Populations. PLoS Genetics, 2011, 7, e1002256.	3.5	47
6	Imputation of Single-Nucleotide Polymorphisms in Inbred Mice Using Local Phylogeny. Genetics, 2012, 190, 449-458.	2.9	42
7	Reduced efficiency of sarcolipin-dependent respiration in myocytes from humans with severe obesity. Obesity, 2015, 23, 1440-1449.	3.0	41
8	The importance of context to the genetic architecture of diabetes-related traits is revealed in a genome-wide scan of a LG/JÂÃ—ÂSM/J murine model. Mammalian Genome, 2011, 22, 197-208.	2.2	38
9	Epigenetics of metabolic syndrome. Physiological Genomics, 2018, 50, 947-955.	2.3	36
10	Genetic, epigenetic, and gene-by-diet interaction effects underlie variation in serum lipids in a LG/JÃ—SM/J murine model. Journal of Lipid Research, 2010, 51, 2976-2984.	4.2	32
11	Using whole-genome sequences of the LG/J and SM/J inbred mouse strains to prioritize quantitative trait genes and nucleotides. BMC Genomics, 2015, 16, 415.	2.8	31
12	Genetic factors and diet affect long-bone length in the F34 LG,SM advanced intercross. Mammalian Genome, 2011, 22, 178-196.	2.2	25
13	Metabolic Syndrome Components in Murine Models. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2010, 10, 25-40.	1.2	23
14	Pancreatic Î²-cell heterogeneity in health and diabetes: classes, sources, and subtypes. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E716-E731.	3.5	21
15	Ironing out the Details: Untangling Dietary Iron and Genetic Background in Diabetes. Nutrients, 2018, 10, 1437.	4.1	15
16	Obesityâ€"insulin targeted genes in the 3p26-25 region in human studies and LG/J and SM/J mice. Metabolism: Clinical and Experimental, 2012, 61, 1129-1141.	3.4	9
17	Brown Adipose Expansion and Remission of Glycemic Dysfunction in Obese SM/J Mice. Cell Reports, 2020, 33, 108237.	6.4	9
18	Animal Models of Metabolic Syndrome. , 2017, , 221-243.		8

#	Article	IF	Citations
19	Dietary iron interacts with genetic background to influence glucose homeostasis. Nutrition and Metabolism, 2019, 16, 13.	3.0	7
20	Epigenomic analysis reveals prevalent contribution of transposable elements to <i>cis</i>-regulatory elements, tissue-specific expression, and alternative promoters in zebrafish. Genome Research, 2022, 32, 1424-1436.	5.5	7
21	Parent-of-origin effects propagate through networks to shape metabolic traits. ELife, 2022, 11, .	6.0	6
22	Genetic, epigenetic, and environmental mechanisms govern allele-specific gene expression. Genome Research, 2022, 32, 1042-1057.	5.5	6
23	Spontaneous restoration of functional Î²â€cell mass in obese SM/J mice. Physiological Reports, 2020, 8, e14573.	1.7	5
24	Animal Models of Metabolic Syndrome. , 2013, , 243-264.		4
25	Genetic background and diet affect brown adipose gene coexpression networks associated with metabolic phenotypes. Physiological Genomics, 2020, 52, 223-233.	2.3	4