Lutfi A Abu-Elheiga

List of Publications by Year
in descending order

22 papers	2,884 citations	471509 17 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	4383 citing authors

#	Article	IF	Citations
1	Fatty acid metabolism: target for metabolic syndrome. Journal of Lipid Research, 2009, 50, S138-S143.	4.2	553
2	Acetyl-CoA carboxylase 2 mutant mice are protected against obesity and diabetes induced by high-fat/high-carbohydrate diets. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10207-10212.	7.1	348
3	Continuous fat oxidation in acetylâ€“CoA carboxylase 2 knockout mice increases total energy expenditure, reduces fat mass, and improves insulin sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16480-16485.	7.1	277
4	Liver-specific deletion of acetyl-CoA carboxylase 1 reduces hepatic triglyceride accumulation without affecting glucose homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8552-8557.	7.1	248
5	Mutant mice lacking acetyl-CoA carboxylase 1 are embryonically lethal. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12011-12016.	7.1	219
6	A Small Molecule That Blocks Fat Synthesis By Inhibiting the Activation of SREBP. Chemistry and Biology, 2009, 16, 882-892.	6.0	217
7	Activation of nuclear receptor CAR ameliorates diabetes and fatty liver disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18831-18836.	7.1	216
8	Fatty acid synthesis is essential in embryonic development: Fatty acid synthase null mutants and most of the heterozygotes die in utero. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6358-6363.	7.1	204
9	Human Acetyl-CoA Carboxylase 2. Journal of Biological Chemistry, 1997, 272, 10669-10677.	3.4	199
10	Glucose and fat metabolism in adipose tissue of acetyl-CoA carboxylase 2 knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1384-1389.	7.1	132
11	Acetyl-CoA Carboxylase 2â˜'/â˜' Mutant Mice are Protected against Fatty Liver under High-fat, High-carbohydrate Dietary and de Novo Lipogenic Conditions. Journal of Biological Chemistry, 2012, 287, 12578-12588.	3.4	66
12	Isolation and Chromosomal Mapping of Genomic Clones Encoding the Human Fatty Acid Synthase Gene. Genomics, 1994, 23, 420-424.	2.9	42
13	Reduced heart size and increased myocardial fuel substrate oxidation in ACC2 mutant mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H256-H265.	3.2	33
14	Synthesis and Evaluation of Diarylthiazole Derivatives That Inhibit Activation of Sterol Regulatory Element-Binding Proteins. Journal of Medicinal Chemistry, 2011, 54, 4923-4927.	6.4	31
15	Early Inhibition of Fatty Acid Synthesis Reduces Generation of Memory Precursor Effector T Cells in Chronic Infection. Journal of Immunology, 2018, 200, 643-656.	0.8	26
16	Plasmodium falciparum: Properties of an Î±-like DNA polymerase, the key enzyme in DNA synthesis. Experimental Parasitology, 1990, 71, 21-26.	1.2	22
17	Identification and Quantitation of Malonic Acid Biomarkers of In-Born Error Metabolism by Targeted Metabolomics. Journal of the American Society for Mass Spectrometry, 2017, 28, 929-938.	2.8	18
18	Effect of polyamines on the activity of malarial alpha-like DNA polymerase. FEBS Journal, 1990, 191, 633-637.	0.2	14

#	Article	IF	Citations
19	Antigenic determinants of the 70-kDa subunit of the Ku autoantigen. Clinical Immunology and Immunopathology, 1992, 64, 145-152.	2.0	12
20	Mislocalization and inhibition of acetyl-CoA carboxylase 1 by a synthetic small molecule. Biochemical Journal, 2012, 448, 409-416.	3.7	6
21	Reply to Hoehn et al.: Phenotypic Discrepancies in Acetyl-CoA Carboxylase 2-deficient Mice. Journal of Biological Chemistry, 2012, 287, 15802.	3.4	1
22	Reduced Heart Size and Increased Myocardial Fuel Substrate Oxidation in ACC2 Mutant Mice. FASEB Journal, 2007, 21, A1356.	0.5	0