Sylvie Dufour

List of Publications by Year
in descending order

15 papers	1,661 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	2730 citing authors

#	Article	IF	Citations
1	Reversal of Nonalcoholic Hepatic Steatosis, Hepatic Insulin Resistance, and Hyperglycemia by Moderate Weight Reduction in Patients With Type 2 Diabetes. Diabetes, 2005, 54, 603-608.	0.6	769
2	Effect of a ketogenic diet on hepatic steatosis and hepatic mitochondrial metabolism in nonalcoholic fatty liver disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7347-7354.	7.1	137
3	Leptin Mediates a Glucose-Fatty Acid Cycle to Maintain Glucose Homeostasis in Starvation. Cell, 2018, 172, 234-248.e17.	28.9	125
4	Glucagon stimulates gluconeogenesis by INSP3R1-mediated hepatic lipolysis. Nature, 2020, 579, 279-283.	27.8	110
5	Direct assessment of hepatic mitochondrial oxidative and anaplerotic fluxes in humans using dynamic 13C magnetic resonance spectroscopy. Nature Medicine, 2014, 20, 98-102.	30.7	80
6	Effect of aging on muscle mitochondrial substrate utilization in humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11330-11334.	7.1	72
7	Mechanisms by which a Very-Low-Calorie Diet Reverses Hyperglycemia in a Rat Model of Type 2 Diabetes. Cell Metabolism, 2018, 27, 210-217.e3.	16.2	71
8	Hypophosphatemia promotes lower rates of muscle ATP synthesis. FASEB Journal, 2016, 30, 3378-3387.	0.5	70
9	Assessment of Hepatic Mitochondrial Oxidation and Pyruvate Cycling in NAFLD by 13C Magnetic Resonance Spectroscopy. Cell Metabolism, 2016, 24, 167-171.	16.2	57
10	Regulation of net hepatic glycogenolysis and gluconeogenesis by epinephrine in humans. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E231-E235.	3.5	48
11	Regulation of hepatic mitochondrial oxidation by glucose-alanine cycling during starvation in humans. Journal of Clinical Investigation, 2019, 129, 4671-4675.	8.2	45
12	Controlled-release mitochondrial protonophore (CRMP) reverses dyslipidemia and hepatic steatosis in dysmetabolic nonhuman primates. Science Translational Medicine, 2019, 11, .	12.4	44
13	Resolution of nonâ€alcoholic steatohepatitis after growth hormone replacement in a pediatric liver transplant patient with panhypopituitarism. Pediatric Transplantation, 2016, 20, 1157-1163.	1.0	15
14	Disassociation of Liver and Muscle Insulin Resistance from Ectopic Lipid Accumulation in Low-Birth-Weight Individuals. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3873-3880.	3.6	12
15	Ethnic and sex differences in hepatic lipid content and related cardiometabolic parameters in lean individuals. JCI Insight, 2022, 7, .	5.0	6