

Yiming Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

230
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Using trehalose to prevent and treat metabolic function. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2019, 22, 303-310.	2.5	33
2	A modified data normalization method for GC-MS-based metabolomics to minimize batch variation. <i>SpringerPlus</i> , 2014, 3, 439.	1.2	26
3	Hepatic arginase 2 (Arg2) is sufficient to convey the therapeutic metabolic effects of fasting. <i>Nature Communications</i> , 2019, 10, 1587.	12.8	25
4	TFEB-dependent induction of thermogenesis by the hepatocyte SLC2A inhibitor trehalose. <i>Autophagy</i> , 2018, 14, 1959-1975.	9.1	23
5	Lactotrehalose, an Analog of Trehalose, Increases Energy Metabolism Without Promoting <i>Clostridioides difficile</i> Infection in Mice. <i>Gastroenterology</i> , 2020, 158, 1402-1416.e2.	1.3	23
6	Metabolite variation in hybrid corn grain from a large-scale multisite study. <i>Crop Journal</i> , 2016, 4, 177-187.	5.2	22
7	Hepatocyte ALOXE3 is induced during adaptive fasting and enhances insulin sensitivity by activating hepatic PPAR δ . <i>JCI Insight</i> , 2018, 3, .	5.0	21
8	SIRT1 selectively exerts the metabolic protective effects of hepatocyte nicotinamide phosphoribosyltransferase. <i>Nature Communications</i> , 2022, 13, 1074.	12.8	19
9	Enhanced Hepatic PPAR δ Activity Links GLUT8 Deficiency to Augmented Peripheral Fasting Responses in Male Mice. <i>Endocrinology</i> , 2018, 159, 2110-2126.	2.8	14
10	Microbial and metabolic impacts of trehalose and trehalose analogues. <i>Gut Microbes</i> , 2020, 11, 1475-1482.	9.8	14
11	Pegylated arginine deiminase drives arginine turnover and systemic autophagy to dictate energy metabolism. <i>Cell Reports Medicine</i> , 2022, 3, 100498.	6.5	6
12	Driving arginine catabolism to activate systemic autophagy. , 2022, 1, 65-69.		3
13	A protocol to induce systemic autophagy and increase energy metabolism in mice using PEGylated arginine deiminase. <i>STAR Protocols</i> , 2022, 3, 101489.	1.2	1