# Yiming Zhang

List of Publications by Year
in descending order



| 13 | 230 | 933447 10 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 13 | 13 | 13 | 342 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Pegylated arginine deiminase drives arginine turnover and systemic autophagy to dictate energy metabolism. Cell Reports Medicine, 2022, 3, 100498. | 6.5 | 6 |
| 2 | SIRT1 selectively exerts the metabolic protective effects of hepatocyte nicotinamide phosphoribosyltransferase. Nature Communications, 2022, 13, 1074. | 12.8 | 19 |
| 3 | Driving arginine catabolism to activate systemic autophagy. , 2022, 1, 65-69. | | 3 |
| 4 | A protocol to induce systemic autophagy and increase energy metabolism in mice using PEGylated arginine deiminase. STAR Protocols, 2022, 3, 101489. | 1.2 | 1 |
| 5 | Lactotrehalose, an Analog of Trehalose, Increases Energy Metabolism Without Promoting Clostridioides difficile Infection in Mice. Gastroenterology, 2020, 158, 1402-1416.e2. | 1.3 | 23 |
| 6 | Microbial and metabolic impacts of trehalose and trehalose analogues. Gut Microbes, 2020, 11, 1475-1482. | 9.8 | 14 |
| 7 | Hepatic arginase 2 (Arg2) is sufficient to convey the therapeutic metabolic effects of fasting. Nature Communications, 2019, 10, 1587. | 12.8 | 25 |
| 8 | Using trehalose to prevent and treat metabolic function. Current Opinion in Clinical Nutrition and Metabolic Care, 2019, 22, 303-310. | 2.5 | 33 |
| 9 | TFEB-dependent induction of thermogenesis by the hepatocyte SLC2A inhibitor trehalose. Autophagy, 2018, 14, 1959-1975. | 9.1 | 23 |
| 10 | Enhanced Hepatic PPARÎ± Activity Links GLUT8 Deficiency to Augmented Peripheral Fasting Responses in Male Mice. Endocrinology, 2018, 159, 2110-2126. | 2.8 | 14 |
| 11 | Hepatocyte ALOXE3 is induced during adaptive fasting and enhances insulin sensitivity by activating hepatic PPARÎ³. JCI Insight, 2018, 3, . | 5.0 | 21 |
| 12 | Metabolite variation in hybrid corn grain from a large-scale multisite study. Crop Journal, 2016, 4, 177-187. | 5.2 | 22 |
| 13 | A modified data normalization method for GC-MS-based metabolomics to minimize batch variation. SpringerPlus, 2014, 3, 439. | 1.2 | 26 |