

# Zachary Gerhart-Hines

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8608484/publications.pdf>

Version: 2024-02-01

22  
papers

1,339  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2406  
citing authors

#	ARTICLE	IF	CITATIONS
1	The nuclear receptor Rev-erb $\alpha$ controls circadian thermogenic plasticity. <i>Nature</i> , 2013, 503, 410-413.	27.8	228
2	Circadian Enhancers Coordinate Multiple Phases of Rhythmic Gene Transcription In Vivo. <i>Cell</i> , 2014, 159, 1140-1152.	28.9	200
3	Kynurenic Acid and Gpr35 Regulate Adipose Tissue Energy Homeostasis and Inflammation. <i>Cell Metabolism</i> , 2018, 27, 378-392.e5.	16.2	178
4	Circadian Metabolism in the Light of Evolution. <i>Endocrine Reviews</i> , 2015, 36, 289-304.	20.1	131
5	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 159-174.e11.	16.2	114
6	Proteomics-Based Comparative Mapping of the Secretomes of Human Brown and White Adipocytes Reveals EPDR1 as a Novel Adipokine. <i>Cell Metabolism</i> , 2019, 30, 963-975.e7.	16.2	109
7	Lipolysis drives expression of the constitutively active receptor GPR3 to induce adipose thermogenesis. <i>Cell</i> , 2021, 184, 3502-3518.e33.	28.9	68
8	Cold-Activated Lipid Dynamics in Adipose Tissue Highlights a Role for Cardiolipin in Thermogenic Metabolism. <i>Cell Reports</i> , 2018, 24, 781-790.	6.4	60
9	NAMPT-mediated NAD biosynthesis is indispensable for adipose tissue plasticity and development of obesity. <i>Molecular Metabolism</i> , 2018, 11, 178-188.	6.5	55
10	Fueling the fire of adipose thermogenesis. <i>Science</i> , 2022, 375, 1229-1231.	12.6	30
11	Thyroid hormone receptor $\beta$ in skeletal muscle is essential for T3-mediated increase in energy expenditure. <i>FASEB Journal</i> , 2020, 34, 15480-15491.	0.5	25
12	Fasting and ghrelin-induced food intake is regulated by NAMPT in the hypothalamus. <i>Acta Physiologica</i> , 2020, 228, e13437.	3.8	22
13	Role of Energy Excretion in Human Body Weight Regulation. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 705-708.	7.1	20
14	Altered brown fat thermoregulation and enhanced cold-induced thermogenesis in young, healthy, winter-swimming men. <i>Cell Reports Medicine</i> , 2021, 2, 100408.	6.5	17
15	Afadin is a scaffold protein repressing insulin action via HDAC6 in adipose tissue. <i>EMBO Reports</i> , 2019, 20, e48216.	4.5	16
16	Autocrine negative feedback regulation of lipolysis through sensing of NEFAs by FFAR4/GPR120 in WAT. <i>Molecular Metabolism</i> , 2020, 42, 101103.	6.5	16
17	Lipolysis regulates major transcriptional programs in brown adipocytes. <i>Nature Communications</i> , 2022, 13, .	12.8	16
18	Influence of NAFLD and bariatric surgery on hepatic and adipose tissue mitochondrial biogenesis and respiration. <i>Nature Communications</i> , 2022, 13, .	12.8	14

#	ARTICLE	IF	CITATIONS
19	White adipose remodeling during browning in mice involves YBX1 to drive thermogenic commitment. <i>Molecular Metabolism</i> , 2021, 44, 101137.	6.5	13
20	Cold-induction of afadin in brown fat supports its thermogenic capacity. <i>Scientific Reports</i> , 2021, 11, 9794.	3.3	3
21	Ablation of <i>Nampt</i> in AgRP neurons leads to neurodegeneration and impairs fasting- and ghrelin-mediated food intake. <i>FASEB Journal</i> , 2021, 35, e21450.	0.5	2
22	Leveraging GPCR signaling in thermogenic fat to counteract metabolic diseases. <i>Molecular Metabolism</i> , 2022, 60, 101474.	6.5	2