

# Michael Shum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1813629/publications.pdf>

Version: 2024-02-01

20  
papers

1,172  
citations

623734

14  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2144  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of ABCB10 in beta-cells protects from high-fat diet induced insulin resistance. <i>Molecular Metabolism</i> , 2022, 55, 101403.	6.5	0
2	Mitochondrial oxidative function in NAFLD: Friend or foe?. <i>Molecular Metabolism</i> , 2021, 50, 101134.	6.5	53
3	Isolation and functional analysis of peridroplet mitochondria from murine brown adipose tissue. <i>STAR Protocols</i> , 2021, 2, 100243.	1.2	11
4	ABCB10 exports mitochondrial biliverdin, driving metabolic maladaptation in obesity. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	27
5	Sex-specific genetic regulation of adipose mitochondria and metabolic syndrome by Ndufv2. <i>Nature Metabolism</i> , 2021, 3, 1552-1568.	11.9	32
6	Determining Basal Energy Expenditure and the Capacity of Thermogenic Adipocytes to Expend Energy in Obese Mice. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1
7	Estrogen-sensitive medial preoptic area neurons coordinate torpor in mice. <i>Nature Communications</i> , 2020, 11, 6378.	12.8	49
8	NCLX prevents cell death during adrenergic activation of the brown adipose tissue. <i>Nature Communications</i> , 2020, 11, 3347.	12.8	31
9	Hypothalamic oestrogen receptor alpha establishes a sexually dimorphic regulatory node of energy expenditure. <i>Nature Metabolism</i> , 2020, 2, 351-363.	11.9	61
10	Sex-specific metabolic functions of adipose Lipocalin-2. <i>Molecular Metabolism</i> , 2019, 30, 30-47.	6.5	41
11	Inhibition of mitochondrial complex 1 by the S6K1 inhibitor PF-4708671 partly contributes to its glucose metabolic effects in muscle and liver cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 12250-12260.	3.4	16
12	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. <i>Cell Metabolism</i> , 2018, 27, 869-885.e6.	16.2	359
13	AMPK in skeletal muscle function and metabolism. <i>FASEB Journal</i> , 2018, 32, 1741-1777.	0.5	289
14	Loss of hepatic DEPTOR alters the metabolic transition to fasting. <i>Molecular Metabolism</i> , 2017, 6, 447-458.	6.5	32
15	Postprandial fatty acid uptake and adipocyte remodeling in angiotensin type 2 receptor-deficient mice fed a high-fat/high-fructose diet. <i>Adipocyte</i> , 2016, 5, 43-52.	2.8	7
16	Pharmacological inhibition of S6K1 increases glucose metabolism and Akt signalling in vitro and in diet-induced obese mice. <i>Diabetologia</i> , 2016, 59, 592-603.	6.3	47
17	Hepatocyte-specific <i>Ptpn6</i> deletion promotes hepatic lipid accretion, but reduces NAFLD in diet-induced obesity: Potential role of PPAR $\beta$ . <i>Hepatology</i> , 2014, 59, 1803-1815.	7.3	28
18	Angiotensin II type 2 receptor promotes adipocyte differentiation and restores adipocyte size in high-fat/high-fructose diet-induced insulin resistance in rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E197-E210.	3.5	50

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19	Insulin Activates RSK (p90 Ribosomal S6 Kinase) to Trigger a New Negative Feedback Loop That Regulates Insulin Signaling for Glucose Metabolism. <i>Journal of Biological Chemistry</i> , 2013, 288, 31165-31176.	3.4	22
20	AT2 Receptor Agonists: Exploiting the Beneficial Arm of Ang II Signaling. <i>Current Hypertension Reviews</i> , 2012, 8, 47-59.	0.9	14