

# Mohammad Bohlooly-Y

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

7,765  
citations

159585

30  
h-index

155660

55  
g-index

58  
all docs

58  
docs citations

58  
times ranked

13599  
citing authors

#	ARTICLE	IF	CITATIONS
1	GPR43 regulates marginal zone B cell responses to foreign and endogenous antigens. <i>Immunology and Cell Biology</i> , 2021, 99, 234-243.	2.3	10
2	PCSK9 rs11591147 R46L loss-of-function variant protects against liver damage in individuals with NAFLD. <i>Liver International</i> , 2021, 41, 321-332.	3.9	26
3	Universal toxin-based selection for precise genome engineering in human cells. <i>Nature Communications</i> , 2021, 12, 497.	12.8	29
4	Extensive transcription mis-regulation and membrane defects in AdipoR2-deficient cells challenged with saturated fatty acids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158884.	2.4	13
5	Suppression of insulin-induced gene 1 (INSIG1) function promotes hepatic lipid remodelling and restrains NASH progression. <i>Molecular Metabolism</i> , 2021, 48, 101210.	6.5	20
6	Allostatic hypermetabolic response in PGC1 $\beta$ heterozygote mouse despite mitochondrial defects. <i>FASEB Journal</i> , 2021, 35, e21752.	0.5	2
7	Rapid target validation in a Cas9-inducible hiPSC derived kidney model. <i>Scientific Reports</i> , 2021, 11, 16532.	3.3	7
8	Chronic activation of AMP-activated protein kinase leads to early-onset polycystic kidney phenotype. <i>Clinical Science</i> , 2021, 135, 2393-2408.	4.3	8
9	Development of an ObLiGaRe Doxycycline Inducible Cas9 system for pre-clinical cancer drug discovery. <i>Nature Communications</i> , 2020, 11, 4903.	12.8	65
10	AMPK activation protects against diet-induced obesity through Ucp1-independent thermogenesis in subcutaneous white adipose tissue. <i>Nature Metabolism</i> , 2019, 1, 340-349.	11.9	65
11	Genetic deletion of soluble 5 $\alpha$ -nucleotidase II reduces body weight gain and insulin resistance induced by a high-fat diet. <i>Molecular Genetics and Metabolism</i> , 2019, 126, 377-387.	1.1	24
12	In vivo genome and base editing of a human PCSK9 knock-in hypercholesterolemic mouse model. <i>BMC Biology</i> , 2019, 17, 4.	3.8	59
13	In vivo CRISPR editing with no detectable genome-wide off-target mutations. <i>Nature</i> , 2018, 561, 416-419.	27.8	274
14	Cardiac-Specific Overexpression of Oxytocin Receptor Leads to Cardiomyopathy in Mice. <i>Journal of Cardiac Failure</i> , 2018, 24, 470-478.	1.7	8
15	Decoding non-random mutational signatures at Cas9 targeted sites. <i>Nucleic Acids Research</i> , 2018, 46, 8417-8434.	14.5	85
16	Liver-Specific Activation of AMPK Prevents Steatosis on a High-Fructose Diet. <i>Cell Reports</i> , 2017, 18, 3043-3051.	6.4	165
17	Effects of genetic deletion of soluble 5 $\alpha$ -nucleotidases NT5C1A and NT5C2 on AMPK activation and nucleotide levels in contracting mouse skeletal muscles. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E48-E62.	3.5	22
18	Deletion of Gpr55 Results in Subtle Effects on Energy Metabolism, Motor Activity and Thermal Pain Sensation. <i>PLoS ONE</i> , 2016, 11, e0167965.	2.5	24

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19	Mitochondria are required for proœageing features of the senescent phenotype. EMBO Journal, 2016, 35, 724-742.	7.8	527
20	Monoclonal Antibody Targeting of Fibroblast Growth Factor Receptor 1c Ameliorates Obesity and Glucose Intolerance via Central Mechanisms. PLoS ONE, 2014, 9, e112109.	2.5	22
21	The Beneficial Effects of n-3 Polyunsaturated Fatty Acids on Diet Induced Obesity and Impaired Glucose Control Do Not Require Gpr120. PLoS ONE, 2014, 9, e114942.	2.5	60
22	Effects of Pharmacological AMP Deaminase Inhibition and Ampd1 Deletion on Nucleotide Levels and AMPK Activation in Contracting Skeletal Muscle. Chemistry and Biology, 2014, 21, 1497-1510.	6.0	38
23	The Microbial Metabolites, Short-Chain Fatty Acids, Regulate Colonic T <sub>reg</sub> Cell Homeostasis. Science, 2013, 341, 569-573.	12.6	3,945
24	Adaptive Changes of the Insig1/SREBP1/SCD1 Set Point Help Adipose Tissue to Cope With Increased Storage Demands of Obesity. Diabetes, 2013, 62, 3697-3708.	0.6	76
25	Adiponectin Receptor 2 Deficiency Results in Reduced Atherosclerosis in the Brachiocephalic Artery in Apolipoprotein E Deficient Mice. PLoS ONE, 2013, 8, e80330.	2.5	23
26	Ageing Fxr Deficient Mice Develop Increased Energy Expenditure, Improved Glucose Control and Liver Damage Resembling NASH. PLoS ONE, 2013, 8, e64721.	2.5	57
27	Local overexpression of GH and GH/IGF1 effects in the adult mouse hippocampus. Journal of Endocrinology, 2012, 215, 257-268.	2.6	7
28	Metabolic Parameters and Emotionality Are Little Affected in G-Protein Coupled Receptor 12 (Gpr12) Mutant Mice. PLoS ONE, 2012, 7, e42395.	2.5	7
29	Improved glucose control and reduced body fat mass in free fatty acid receptor 2-deficient mice fed a high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2011, 300, E211-E220.	3.5	238
30	SCFAs Induce Mouse Neutrophil Chemotaxis through the GPR43 Receptor. PLoS ONE, 2011, 6, e21205.	2.5	226
31	Central NMU signaling in body weight and energy balance regulation: evidence from NMUR2 deletion and chronic central NMU treatment in mice. American Journal of Physiology - Endocrinology and Metabolism, 2009, 297, E708-E716.	3.5	23
32	The role of mitochondrial glycerol-3-phosphate acyltransferase-1 in regulating lipid and glucose homeostasis in high-fat diet fed mice. Biochemical and Biophysical Research Communications, 2008, 369, 1065-1070.	2.1	23
33	Acutely reduced locomotor activity is a major contributor to Western diet-induced obesity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E251-E260.	3.5	120
34	Opposing Effects of Adiponectin Receptors 1 and 2 on Energy Metabolism. Diabetes, 2007, 56, 583-593.	0.6	241
35	Mice with experimental colitis show an altered metabolism with decreased metabolic rate. American Journal of Physiology - Renal Physiology, 2007, 292, G165-G172.	3.4	39
36	GPR10 deficiency in mice results in altered energy expenditure and obesity. Biochemical and Biophysical Research Communications, 2007, 363, 633-638.	2.1	45

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37	G protein-coupled receptor 12 deficiency results in dyslipidemia and obesity in mice. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 359-366.	2.1	37
38	Phenotypic screening of hepatocyte nuclear factor (HNF) 4- $\beta$ receptor knockout mice. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 825-832.	2.1	49
39	Growth hormone receptor deficiency results in blunted ghrelin feeding response, obesity, and hypolipidemia in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E317-E325.	3.5	92
40	Ablation of PGC-1 $\beta$ Results in Defective Mitochondrial Activity, Thermogenesis, Hepatic Function, and Cardiac Performance. <i>PLoS Biology</i> , 2006, 4, e369.	5.6	249
41	Melanin-Concentrating Hormone Receptor 1 Deficiency Increases Insulin Sensitivity in Obese Leptin-Deficient Mice Without Affecting Body Weight. <i>Diabetes</i> , 2006, 55, 725-733.	0.6	39
42	Growth Hormone Overexpression in the Central Nervous System Results in Hyperphagia-Induced Obesity Associated With Insulin Resistance and Dyslipidemia. <i>Diabetes</i> , 2005, 54, 51-62.	0.6	72
43	Importance of melanin-concentrating hormone receptor for the acute effects of ghrelin. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 759-765.	2.1	25
44	Prolactin and growth hormone regulate adiponectin secretion and receptor expression in adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1120-1126.	2.1	162
45	Mice lacking melanin-concentrating hormone receptor 1 demonstrate increased heart rate associated with altered autonomic activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R749-R758.	1.8	82
46	Murine models for the study of congestive heart failure: Implications for understanding molecular mechanisms and for drug discovery. <i>Journal of Pharmacological and Toxicological Methods</i> , 2004, 50, 163-174.	0.7	26
47	Osteoporosis in MCHR1-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 964-969.	2.1	37
48	Bovine growth hormone-transgenic mice have major alterations in hepatic expression of metabolic genes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E504-E511.	3.5	53
49	Long-term growth hormone excess induces marked alterations in lipoprotein metabolism in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E1230-E1239.	3.5	47
50	Body Fat Content Can Be Predicted In Vivo in Mice Using a Modified Dual-Energy X-Ray Absorptiometry Technique. <i>Journal of Nutrition</i> , 2001, 131, 2963-2966.	2.9	48
51	Enhanced Spontaneous Locomotor Activity in Bovine GH Transgenic Mice Involves Peripheral Mechanisms. <i>Endocrinology</i> , 2001, 142, 4560-4567.	2.8	22
52	Enhanced Spontaneous Locomotor Activity in Bovine GH Transgenic Mice Involves Peripheral Mechanisms. <i>Endocrinology</i> , 2001, 142, 4560-4567.	2.8	8
53	Impairment of Cardiac Function and Bioenergetics in Adult Transgenic Mice Overexpressing the Bovine Growth Hormone Gene*. <i>Endocrinology</i> , 2000, 141, 2229-2235.	2.8	55
54	Bovine Growth Hormone Transgenic Mice Display Alterations in Locomotor Activity and Brain Monoamine Neurochemistry1. <i>Endocrinology</i> , 1999, 140, 5619-5625.	2.8	30

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55	Bovine Growth Hormone Transgenic Mice Display Alterations in Locomotor Activity and Brain Monoamine Neurochemistry. <i>Endocrinology</i> , 1999, 140, 5619-5625.	2.8	7