

# Omar Al-Massadi

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,877  
citations

236925

25  
h-index

276875

41  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crosstalk between Melanin Concentrating Hormone and Endocrine Factors: Implications for Obesity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2436.	4.1	7
2	Kappa-Opioid Receptor Blockade Ameliorates Obesity Caused by Estrogen Withdrawal via Promotion of Energy Expenditure through mTOR Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3118.	4.1	7
3	Metabolic actions of the growth hormone-insulin growth factor-1 axis and its interaction with the central nervous system. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2022, 23, 919-930.	5.7	5
4	Sirt3 in POMC neurons controls energy balance in a sex- and diet-dependent manner. <i>Redox Biology</i> , 2021, 41, 101945.	9.0	9
5	Pyk2 in dorsal hippocampus plays a selective role in spatial memory and synaptic plasticity. <i>Scientific Reports</i> , 2021, 11, 16357.	3.3	8
6	Hypothalamic Actions of SIRT1 and SIRT6 on Energy Balance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1430.	4.1	13
7	Multifaceted actions of melanin-concentrating hormone on mammalian energy homeostasis. <i>Nature Reviews Endocrinology</i> , 2021, 17, 745-755.	9.6	34
8	Ghrelin and liver disease. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 45-56.	5.7	26
9	Vav2 catalysis-dependent pathways contribute to skeletal muscle growth and metabolic homeostasis. <i>Nature Communications</i> , 2020, 11, 5808.	12.8	17
10	Oral Pharmacological Activation of Hypothalamic Guanylate Cyclase 2C Receptor Stimulates Brown Fat Thermogenesis to Reduce Body Weight. <i>Neuroendocrinology</i> , 2020, 110, 1042-1054.	2.5	8
11	Glucagon Control on Food Intake and Energy Balance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3905.	4.1	32
12	MCH Regulates SIRT1/FoxO1 and Reduces POMC Neuronal Activity to Induce Hyperphagia, Adiposity, and Glucose Intolerance. <i>Diabetes</i> , 2019, 68, 2210-2222.	0.6	34
13	Pyk2 in the amygdala modulates chronic stress sequelae via PSD-95-related micro-structural changes. <i>Translational Psychiatry</i> , 2019, 9, 3.	4.8	22
14	Exciting advances in GPCR-based drugs discovery for treating metabolic disease and future perspectives. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 421-431.	5.0	11
15	Ghrelin and food reward. <i>Neuropharmacology</i> , 2019, 148, 131-138.	4.1	59
16	Vagal afferents contribute to sympathoexcitation-driven metabolic dysfunctions. <i>Journal of Endocrinology</i> , 2019, 240, 483-496.	2.6	7
17	Ghrelin and LEAP-2: Rivals in Energy Metabolism. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 685-694.	8.7	52
18	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. <i>Nature Communications</i> , 2018, 9, 3432.	12.8	41

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19	p53 and energy balance: meeting hypothalamic AgRP neurons. <i>Cell Stress</i> , 2018, 2, 329-331.	3.2	1
20	Current Understanding of the Hypothalamic Ghrelin Pathways Inducing Appetite and Adiposity. <i>Trends in Neurosciences</i> , 2017, 40, 167-180.	8.6	92
21	Pharmacological inhibition of cannabinoid receptor 1 stimulates gastric release of nesfatin-1 via the mTOR pathway. <i>World Journal of Gastroenterology</i> , 2017, 23, 6403-6411.	3.3	8
22	FNDC5 is produced in the stomach and associated to body composition. <i>Scientific Reports</i> , 2016, 6, 23067.	3.3	16
23	Pharmacological and Genetic Manipulation of p53 in Brown Fat at Adult But Not Embryonic Stages Regulates Thermogenesis and Body Weight in Male Mice. <i>Endocrinology</i> , 2016, 157, 2735-2749.	2.8	23
24	Hypothalamic kappa opioid receptor mediates both diet-induced and melanin concentrating hormone-induced liver damage through inflammation and endoplasmic reticulum stress. <i>Hepatology</i> , 2016, 64, 1086-1104.	7.3	28
25	Uroguanylin Action in the Brain Reduces Weight Gain in Obese Mice via Different Efferent Autonomic Pathways. <i>Diabetes</i> , 2016, 65, 421-432.	0.6	47
26	Hypothalamic CaMKK $\beta$ mediates glucagon anorectic effect and its diet-induced resistance. <i>Molecular Metabolism</i> , 2015, 4, 961-970.	6.5	44
27	Circulating Irisin Levels Are Not Regulated by Nutritional Status, Obesity, or Leptin Levels in Rodents. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	3.0	13
28	What is the real relevance of endogenous ghrelin?. <i>Peptides</i> , 2015, 70, 1-6.	2.4	15
29	Regulation of NUCB2/nesfatin-1 production in rat's stomach and adipose tissue is dependent on age, testosterone levels and lactating status. <i>Molecular and Cellular Endocrinology</i> , 2015, 411, 105-112.	3.2	21
30	Duodenal nutrient exclusion improves metabolic syndrome and stimulates villus hyperplasia. <i>Gut</i> , 2014, 63, 1238-1246.	12.1	46
31	Cross-talk between SIRT1 and endocrine factors: effects on energy homeostasis. <i>Molecular and Cellular Endocrinology</i> , 2014, 397, 42-50.	3.2	21
32	Review of Novel Aspects of the Regulation of Ghrelin Secretion. <i>Current Drug Metabolism</i> , 2014, 15, 398-413.	1.2	26
33	Chronic Sympathoexcitation through Loss of Vav3, a Rac1 Activator, Results in Divergent Effects on Metabolic Syndrome and Obesity Depending on Diet. <i>Cell Metabolism</i> , 2013, 18, 199-211.	16.2	24
34	Central Melanin-Concentrating Hormone Influences Liver and Adipose Metabolism Via Specific Hypothalamic Nuclei and Efferent Autonomic/JNK1 Pathways. <i>Gastroenterology</i> , 2013, 144, 636-649.e6.	1.3	79
35	The Brain: A New Organ for the Metabolic Actions of SIRT1. <i>Hormone and Metabolic Research</i> , 2013, 45, 960-966.	1.5	9
36	Sirt1 inhibits the transcription factor CREB to regulate pituitary growth hormone synthesis. <i>FASEB Journal</i> , 2013, 27, 1561-1571.	0.5	65

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37	High-Density Lipoprotein Maintains Skeletal Muscle Function by Modulating Cellular Respiration in Mice. <i>Circulation</i> , 2013, 128, 2364-2371.	1.6	73
38	Ghrelin. , 2013, , 1104-1110.		2
39	The Gastric CB1 Receptor Modulates Ghrelin Production through the mTOR Pathway to Regulate Food Intake. <i>PLoS ONE</i> , 2013, 8, e80339.	2.5	66
40	The Obestatin/GPR39 System Is Up-regulated by Muscle Injury and Functions as an Autocrine Regenerative System. <i>Journal of Biological Chemistry</i> , 2012, 287, 38379-38389.	3.4	30
41	Muscle tissue as an endocrine organ: Comparative secretome profiling of slow-oxidative and fast-glycolytic rat muscle explants and its variation with exercise. <i>Journal of Proteomics</i> , 2012, 75, 5414-5425.	2.4	44
42	Gastric Ghrelin in the Regulation of Appetite and Metabolism. , 2012, , 73-89.		2
43	Exercise protects against high-fat diet-induced hypothalamic inflammation. <i>Physiology and Behavior</i> , 2012, 106, 485-490.	2.1	97
44	Ghrelin acylation and metabolic control. <i>Peptides</i> , 2011, 32, 2301-2308.	2.4	61
45	Obestatin as a regulator of adipocyte metabolism and adipogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1927-1940.	3.6	70
46	The vagus nerve as a regulator of growth hormone secretion. <i>Regulatory Peptides</i> , 2011, 166, 3-8.	1.9	21
47	Secretome analysis of rat adipose tissues shows location-specific roles for each depot type. <i>Journal of Proteomics</i> , 2011, 74, 1068-1079.	2.4	71
48	Preproghrelin expression is a key target for insulin action on adipogenesis. <i>Journal of Endocrinology</i> , 2011, 210, R1-R7.	2.6	22
49	Peripheral Endocannabinoid Systemâ€Mediated Actions of Rimonabant on Growth Hormone Secretion are Ghrelinâ€Dependent. <i>Journal of Neuroendocrinology</i> , 2010, 22, 1127-1136.	2.6	26
50	Age, sex, and lactating status regulate ghrelin secretion and GOAT mRNA levels from isolated rat stomach. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 299, E341-E350.	3.5	27
51	The Stomach as an Energy Homeostasis Regulating Center. An Approach for Obesity. <i>Recent Patents on Endocrine, Metabolic &amp; Immune Drug Discovery</i> , 2010, 4, 75-84.	0.6	5
52	Macronutrients act directly on the stomach to regulate gastric ghrelin release. <i>Journal of Endocrinological Investigation</i> , 2010, 33, 599-602.	3.3	26
53	Peripheral leptin and ghrelin receptors are regulated in a tissue-specific manner in activity-based anorexia. <i>Peptides</i> , 2010, 31, 1912-1919.	2.4	42
54	Role of obestatin on growth hormone secretion: An in vitro approach. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1377-1381.	2.1	14

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55	Sensory Stimuli Directly Acting at the Central Nervous System Regulate Gastric Ghrelin Secretion. An ex Vivo Organ Culture Study. <i>Endocrinology</i> , 2007, 148, 3998-4006.	2.8	55
56	Growth hormone and somatostatin directly inhibit gastric ghrelin secretion. An in vitro organ culture system. <i>Journal of Endocrinological Investigation</i> , 2007, 30, RC22-RC25.	3.3	41
57	Central obestatin administration does not modify either spontaneous or ghrelin-induced food intake in rats. <i>Journal of Endocrinological Investigation</i> , 2006, 29, RC13-RC15.	3.3	112