Sulay A Tovar

List of Publications by Year
in descending order

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54 papers	3,874 citations	159358 30 h-index	161609 54 g-index
57 all docs	57 docs citations	57 times ranked	5115 citing authors

#	Article	IF	Citations
1	LEAP-2 Counteracts Ghrelin-Induced Food Intake in a Nutrient, Growth Hormone and Age Independent Manner. Cells, 2022, 11, 324.	1.8	14
2	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome. Molecular Metabolism, 2022, 59, 101465.	3.0	6
3	Circulating LEAP-2 is associated with puberty in girls. International Journal of Obesity, 2021, 45, 502-514.	1.6	17
4	Pre-Clinical Evaluation of a Modified Cyclodextrin-Based Nanoparticle for Intestinal Delivery of Liraglutide. Journal of Pharmaceutical Sciences, 2021, 110, 292-300.	1.6	9
5	A nanoemulsion/micelles mixed nanosystem for the oral administration of hydrophobically modified insulin. Drug Delivery and Translational Research, 2021, 11, 524-545.	3.0	15
6	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. Nature Communications, 2021, 12, 5068.	5.8	36
7	Bioinspired pollen microcapsules to overcome mucosal barriers. , 2021, , .		0
8	Levels of the Novel Endogenous Antagonist of Ghrelin Receptor, Liver-Enriched Antimicrobial Peptide-2, in Patients with Rheumatoid Arthritis. Nutrients, 2020, 12, 1006.	1.7	17
9	p107 Deficiency Increases Energy Expenditure by Inducing Brownâ€Fat Thermogenesis and Browning of White Adipose Tissue. Molecular Nutrition and Food Research, 2019, 63, e1801096.	1.5	7
10	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. Journal of Controlled Release, 2018, 276, 125-139.	4.8	70
11	Physiology of the Hypothalamus Pituitary Unit. Endocrinology, 2018, , 1-33.	0.1	2
12	The stimulation of GLP-1 secretion and delivery of GLP-1 agonists via nanostructured lipid carriers. Nanoscale, 2018, 10, 603-613.	2.8	35
13	Editorial: Crosstalk of Mitochondria With Brain Insulin and Leptin Signaling. Frontiers in Endocrinology, 2018, 9, 761.	1.5	8
14	Regulation of Chemerin and CMKLR1 Expression by Nutritional Status, Postnatal Development, and Gender. International Journal of Molecular Sciences, 2018, 19, 2905.	1.8	8
15	Protamine nanocapsules as carriers for oral peptide delivery. Journal of Controlled Release, 2018, 291, 157-168.	4.8	26
16	Hypothalamic Mitochondrial Dysfunction as a Target in Obesity and Metabolic Disease. Frontiers in Endocrinology, 2018, 9, 283.	1.5	26
17	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. Journal of Endocrinology, 2018, 238, 177-186.	1.2	25
18	Rational design of polyarginine nanocapsules intended to help peptides overcoming intestinal barriers. Journal of Controlled Release, 2017, 263, 4-17.	4.8	51

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19	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	5.8	45
20	The MST3/STK24 kinase mediates impaired fasting blood glucose after a high-fat diet. Diabetologia, 2017, 60, 2453-2462.	2.9	19
21	Pharmacological inhibition of cannabinoid receptor 1 stimulates gastric release of nesfatin-1 via the mTOR pathway. World Journal of Gastroenterology, 2017, 23, 6403-6411.	1.4	8
22	The interaction of protamine nanocapsules with the intestinal epithelium: A mechanistic approach. Journal of Controlled Release, 2016, 243, 109-120.	4.8	45
23	Effect of Oral Glucose Administration on Rebound Growth Hormone Release in Normal and Obese Women: The Role of Adiposity, Insulin Sensitivity and Ghrelin. PLoS ONE, 2015, 10, e0121087.	1.1	18
24	Pregnancy Induces Resistance to the Anorectic Effect of Hypothalamic Malonyl-CoA and the Thermogenic Effect of Hypothalamic AMPK Inhibition in Female Rats. Endocrinology, 2015, 156, 947-960.	1.4	50
25	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. Antioxidants and Redox Signaling, 2015, 23, 597-612.	2.5	68
26	Regulation of NUCB2/nesfatin-1 production in rat's stomach and adipose tissue is dependent on age, testosterone levels and lactating status. Molecular and Cellular Endocrinology, 2015, 411, 105-112.	1.6	21
27	Leptin, 20years of searching for glucose homeostasis. Life Sciences, 2015, 140, 4-9.	2.0	31
28	Prolactin and Energy Homeostasis: Pathophysiological Mechanisms and Therapeutic Considerations. Endocrinology, 2014, 155, 659-662.	1.4	14
29	Delta-Like 1 Homologue (DLK1) Protein in Neurons of the Arcuate Nucleus That Control Weight Homeostasis and Effect of Fasting on Hypothalamic DLK1 mRNA. Neuroendocrinology, 2014, 100, 209-220.	1.2	27
30	KATP-Channel-Dependent Regulation of Catecholaminergic Neurons Controls BAT Sympathetic Nerve Activity and Energy Homeostasis. Cell Metabolism, 2013, 18, 445-455.	7.2	25
31	Role for Insulin Signaling in Catecholaminergic Neurons in Control of Energy Homeostasis. Cell Metabolism, 2011, 13, 720-728.	7.2	156
32	Oleoylethanolamide: Effects on hypothalamic transmitters and gut peptides regulating food intake. Neuropharmacology, 2011, 60, 593-601.	2.0	34
33	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. Nature Medicine, 2010, 16, 1001-1008.	15.2	581
34	Interleukin-6 Signaling in Liver-Parenchymal Cells Suppresses Hepatic Inflammation and Improves Systemic Insulin Action. Cell Metabolism, 2010, 12, 237-249.	7.2	192
35	Adiponectin receptor 2 is regulated by nutritional status, leptin and pregnancy in a tissue-specific manner. Physiology and Behavior, 2010, 99, 91-99.	1.0	18
36	Leptin receptor gene expression and number in the brain are regulated by leptin level and nutritional status. Journal of Physiology, 2009, 587, 3573-3585.	1.3	61

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37	Hypothalamic Fatty Acid Metabolism Mediates the Orexigenic Action of Ghrelin. Cell Metabolism, 2008, 7, 389-399.	7.2	417
38	Central Resistin Regulates Hypothalamic and Peripheral Lipid Metabolism in a Nutritional-Dependent Fashion. Endocrinology, 2008, 149, 4534-4543.	1.4	102
39	Exendin-4 Potently Decreases Ghrelin Levels in Fasting Rats. Diabetes, 2007, 56, 143-151.	0.3	89
40	Sensory Stimuli Directly Acting at the Central Nervous System Regulate Gastric Ghrelin Secretion. An ex Vivo Organ Culture Study. Endocrinology, 2007, 148, 3998-4006.	1.4	55
41	Peripheral tissueâ€"brain interactions in the regulation of food intake. Proceedings of the Nutrition Society, 2007, 66, 131-155.	0.4	74
42	Effects of Obestatin on Energy Balance and Growth Hormone Secretion in Rodents. Endocrinology, 2007, 148, 21-26.	1.4	228
43	The dependence receptor Ret induces apoptosis in somatotrophs through a Pit-1/p53 pathway, preventing tumor growth. EMBO Journal, 2007, 26, 2015-2028.	3.5	73
44	Negative energy balance and leptin regulate neuromedin-U expression in the rat pars tuberalis. Journal of Endocrinology, 2006, 190, 545-553.	1.2	16
45	Tamoxifen-Induced Anorexia Is Associated With Fatty Acid Synthase Inhibition in the Ventromedial Nucleus of the Hypothalamus and Accumulation of Malonyl-CoA. Diabetes, 2006, 55, 1327-1336.	0.3	143
46	Central administration of resistin promotes short-term satiety in rats. European Journal of Endocrinology, 2005, 153, R1-R5.	1.9	93
47	Sensing the fat: Fatty acid metabolism in the hypothalamus and the melanocortin system. Peptides, 2005, 26, 1753-1758.	1.2	51
48	Expression and Regulation of Adiponectin and Receptor in Human and Rat Placenta. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4276-4286.	1.8	203
49	Regulation of Growth Hormone Secretagogue Receptor Gene Expression in the Arcuate Nuclei of the Rat by Leptin and Ghrelin. Diabetes, 2004, 53, 2552-2558.	0.3	122
50	Orexin-A regulates growth hormone-releasing hormone mRNA content in a nucleus-specific manner and somatostatin mRNA content in a growth hormone-dependent fashion in the rat hypothalamus. European Journal of Neuroscience, 2004, 19, 2080-2088.	1.2	44
51	Regulation of Peptide YY Levels by Age, Hormonal, and Nutritional Status. Obesity, 2004, 12, 1944-1950.	4.0	40
52	Agouti-Related Peptide, Neuropeptide Y, and Somatostatin-Producing Neurons Are Targets for Ghrelin Actions in the Rat Hypothalamus. Endocrinology, 2003, 144, 544-551.	1.4	209
53	Thyroid status regulates CART but not AgRP mRNA levels in the rat hypothalamus. NeuroReport, 2002, 13, 1775-1779.	0.6	31
54	Regulation of in vivo TSH secretion by leptin. Regulatory Peptides, 2000, 92, 25-29.	1.9	98