

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	Hypothalamic AMPK and fatty acid metabolism mediate thyroid regulation of energy balance. <i>Nature Medicine</i> , 2010, 16, 1001-1008.	15.2	581
2	Hypothalamic Fatty Acid Metabolism Mediates the Orexigenic Action of Ghrelin. <i>Cell Metabolism</i> , 2008, 7, 389-399.	7.2	417
3	Effects of Obestatin on Energy Balance and Growth Hormone Secretion in Rodents. <i>Endocrinology</i> , 2007, 148, 21-26.	1.4	228
4	Agouti-Related Peptide, Neuropeptide Y, and Somatostatin-Producing Neurons Are Targets for Ghrelin Actions in the Rat Hypothalamus. <i>Endocrinology</i> , 2003, 144, 544-551.	1.4	209
5	Expression and Regulation of Adiponectin and Receptor in Human and Rat Placenta. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4276-4286.	1.8	203
6	Interleukin-6 Signaling in Liver-Parenchymal Cells Suppresses Hepatic Inflammation and Improves Systemic Insulin Action. <i>Cell Metabolism</i> , 2010, 12, 237-249.	7.2	192
7	Role for Insulin Signaling in Catecholaminergic Neurons in Control of Energy Homeostasis. <i>Cell Metabolism</i> , 2011, 13, 720-728.	7.2	156
8	Tamoxifen-Induced Anorexia Is Associated With Fatty Acid Synthase Inhibition in the Ventromedial Nucleus of the Hypothalamus and Accumulation of Malonyl-CoA. <i>Diabetes</i> , 2006, 55, 1327-1336.	0.3	143
9	Regulation of Growth Hormone Secretagogue Receptor Gene Expression in the Arcuate Nuclei of the Rat by Leptin and Ghrelin. <i>Diabetes</i> , 2004, 53, 2552-2558.	0.3	122
10	Central Resistin Regulates Hypothalamic and Peripheral Lipid Metabolism in a Nutritional-Dependent Fashion. <i>Endocrinology</i> , 2008, 149, 4534-4543.	1.4	102
11	Regulation of in vivo TSH secretion by leptin. <i>Regulatory Peptides</i> , 2000, 92, 25-29.	1.9	98
12	Central administration of resistin promotes short-term satiety in rats. <i>European Journal of Endocrinology</i> , 2005, 153, R1-R5.	1.9	93
13	Exendin-4 Potently Decreases Ghrelin Levels in Fasting Rats. <i>Diabetes</i> , 2007, 56, 143-151.	0.3	89
14	Peripheral tissue-brain interactions in the regulation of food intake. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 131-155.	0.4	74
15	The dependence receptor Ret induces apoptosis in somatotrophs through a Pit-1/p53 pathway, preventing tumor growth. <i>EMBO Journal</i> , 2007, 26, 2015-2028.	3.5	73
16	PEG-PGA enveloped octaarginine-peptide nanocomplexes: An oral peptide delivery strategy. <i>Journal of Controlled Release</i> , 2018, 276, 125-139.	4.8	70
17	Proteasome Dysfunction Associated to Oxidative Stress and Proteotoxicity in Adipocytes Compromises Insulin Sensitivity in Human Obesity. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 597-612.	2.5	68
18	Leptin receptor gene expression and number in the brain are regulated by leptin level and nutritional status. <i>Journal of Physiology</i> , 2009, 587, 3573-3585.	1.3	61

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19	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.	1.4	55
20	Sensing the fat: Fatty acid metabolism in the hypothalamus and the melanocortin system. <i>Peptides</i> , 2005, 26, 1753-1758.	1.2	51
21	Rational design of polyarginine nanocapsules intended to help peptides overcoming intestinal barriers. <i>Journal of Controlled Release</i> , 2017, 263, 4-17.	4.8	51
22	Pregnancy Induces Resistance to the Anorectic Effect of Hypothalamic Malonyl-CoA and the Thermogenic Effect of Hypothalamic AMPK Inhibition in Female Rats. <i>Endocrinology</i> , 2015, 156, 947-960.	1.4	50
23	The interaction of protamine nanocapsules with the intestinal epithelium: A mechanistic approach. <i>Journal of Controlled Release</i> , 2016, 243, 109-120.	4.8	45
24	Hepatic p63 regulates steatosis via IKK β /ER stress. <i>Nature Communications</i> , 2017, 8, 15111.	5.8	45
25	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. <i>European Journal of Neuroscience</i> , 2004, 19, 2080-2088.	1.2	44
26	Regulation of Peptide YY Levels by Age, Hormonal, and Nutritional Status. <i>Obesity</i> , 2004, 12, 1944-1950.	4.0	40
27	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. <i>Nature Communications</i> , 2021, 12, 5068.	5.8	36
28	The stimulation of GLP-1 secretion and delivery of GLP-1 agonists via nanostructured lipid carriers. <i>Nanoscale</i> , 2018, 10, 603-613.	2.8	35
29	Oleoylethanolamide: Effects on hypothalamic transmitters and gut peptides regulating food intake. <i>Neuropharmacology</i> , 2011, 60, 593-601.	2.0	34
30	Thyroid status regulates CART but not AgRP mRNA levels in the rat hypothalamus. <i>NeuroReport</i> , 2002, 13, 1775-1779.	0.6	31
31	Leptin, 20years of searching for glucose homeostasis. <i>Life Sciences</i> , 2015, 140, 4-9.	2.0	31
32	Delta-Like 1 Homologue (DLK1) Protein in Neurons of the Arcuate Nucleus That Control Weight Homeostasis and Effect of Fasting on Hypothalamic DLK1 mRNA. <i>Neuroendocrinology</i> , 2014, 100, 209-220.	1.2	27
33	Protamine nanocapsules as carriers for oral peptide delivery. <i>Journal of Controlled Release</i> , 2018, 291, 157-168.	4.8	26
34	Hypothalamic Mitochondrial Dysfunction as a Target in Obesity and Metabolic Disease. <i>Frontiers in Endocrinology</i> , 2018, 9, 283.	1.5	26
35	KATP-Channel-Dependent Regulation of Catecholaminergic Neurons Controls BAT Sympathetic Nerve Activity and Energy Homeostasis. <i>Cell Metabolism</i> , 2013, 18, 445-455.	7.2	25
36	mTOR signaling in the arcuate nucleus of the hypothalamus mediates the anorectic action of estradiol. <i>Journal of Endocrinology</i> , 2018, 238, 177-186.	1.2	25

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37	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.	1.6	21
38	The MST3/STK24 kinase mediates impaired fasting blood glucose after a high-fat diet. <i>Diabetologia</i> , 2017, 60, 2453-2462.	2.9	19
39	Adiponectin receptor 2 is regulated by nutritional status, leptin and pregnancy in a tissue-specific manner. <i>Physiology and Behavior</i> , 2010, 99, 91-99.	1.0	18
40	Effect of Oral Glucose Administration on Rebound Growth Hormone Release in Normal and Obese Women: The Role of Adiposity, Insulin Sensitivity and Ghrelin. <i>PLoS ONE</i> , 2015, 10, e0121087.	1.1	18
41	Levels of the Novel Endogenous Antagonist of Ghrelin Receptor, Liver-Enriched Antimicrobial Peptide-2, in Patients with Rheumatoid Arthritis. <i>Nutrients</i> , 2020, 12, 1006.	1.7	17
42	Circulating LEAP-2 is associated with puberty in girls. <i>International Journal of Obesity</i> , 2021, 45, 502-514.	1.6	17
43	Negative energy balance and leptin regulate neuromedin-U expression in the rat pars tuberalis. <i>Journal of Endocrinology</i> , 2006, 190, 545-553.	1.2	16
44	A nanoemulsion/micelles mixed nanosystem for the oral administration of hydrophobically modified insulin. <i>Drug Delivery and Translational Research</i> , 2021, 11, 524-545.	3.0	15
45	Prolactin and Energy Homeostasis: Pathophysiological Mechanisms and Therapeutic Considerations. <i>Endocrinology</i> , 2014, 155, 659-662.	1.4	14
46	LEAP-2 Counteracts Ghrelin-Induced Food Intake in a Nutrient, Growth Hormone and Age Independent Manner. <i>Cells</i> , 2022, 11, 324.	1.8	14
47	Pre-Clinical Evaluation of a Modified Cyclodextrin-Based Nanoparticle for Intestinal Delivery of Liraglutide. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 292-300.	1.6	9
48	Editorial: Crosstalk of Mitochondria With Brain Insulin and Leptin Signaling. <i>Frontiers in Endocrinology</i> , 2018, 9, 761.	1.5	8
49	Regulation of Chemerin and CMKLR1 Expression by Nutritional Status, Postnatal Development, and Gender. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2905.	1.8	8
50	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.	1.4	8
51	p107 Deficiency Increases Energy Expenditure by Inducing Brown Fat Thermogenesis and Browning of White Adipose Tissue. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1801096.	1.5	7
52	Obesity induces resistance to central action of BMP8B through a mechanism involving the BBSome. <i>Molecular Metabolism</i> , 2022, 59, 101465.	3.0	6
53	Physiology of the Hypothalamus Pituitary Unit. <i>Endocrinology</i> , 2018, , 1-33.	0.1	2
54	Bioinspired pollen microcapsules to overcome mucosal barriers. , 2021, , .		0