

Yuxiang Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5581241/publications.pdf>

Version: 2024-02-01

92
papers

5,048
citations

136950

32
h-index

91884

69
g-index

94
all docs

94
docs citations

94
times ranked

5113
citing authors

#	ARTICLE	IF	CITATIONS
1	Hippocampal overexpression of TREM2 ameliorates high fat diet induced cognitive impairment and modulates phenotypic polarization of the microglia. <i>Genes and Diseases</i> , 2022, 9, 401-414.	3.4	26
2	Ghrelin signaling in dCA1 suppresses neuronal excitability and impairs memory acquisition via PI3K/Akt/GSK-3 β cascades. <i>Neuropharmacology</i> , 2022, 203, 108871.	4.1	10
3	L-Arginine Nutrition and Metabolism in Ruminants. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1354, 177-206.	1.6	13
4	Neuronal GHS-R Differentially Modulates Feeding Patterns under Normal and Obesogenic Conditions. <i>Biomolecules</i> , 2022, 12, 293.	4.0	1
5	Novel Role of Ghrelin Receptor in Gut Dysbiosis and Experimental Colitis in Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2219.	4.1	11
6	Mechanistic Investigation of GHS-R Mediated Glucose-Stimulated Insulin Secretion in Pancreatic Islets. <i>Biomolecules</i> , 2022, 12, 407.	4.0	3
7	Diverse and Complementary Effects of Ghrelin and Obestatin. <i>Biomolecules</i> , 2022, 12, 517.	4.0	13
8	Ghrelin and Cancer: Examining the Roles of the Ghrelin Axis in Tumor Growth and Progression. <i>Biomolecules</i> , 2022, 12, 483.	4.0	10
9	Macrophage Polarization in Atherosclerosis. <i>Genes</i> , 2022, 13, 756.	2.4	35
10	Estrogen Protects Cardiac Function and Energy Metabolism in Dilated Cardiomyopathy Induced by Loss of Cardiac IRS1 and IRS2. <i>Circulation: Heart Failure</i> , 2022, 15, 101161CIRCHEARTFAILURE121008758.	3.9	7
11	Deletion of ghrelin alters tryptophan metabolism and exacerbates experimental ulcerative colitis in aged mice. <i>Experimental Biology and Medicine</i> , 2022, 247, 1558-1569.	2.4	4
12	Microbiota-Mediated Immune Regulation in Atherosclerosis. <i>Molecules</i> , 2021, 26, 179.	3.8	13
13	Heme Oxygenase-1 Regulates Ferrous Iron and Foxo1 in Control of Hepatic Gluconeogenesis. <i>Diabetes</i> , 2021, 70, 696-709.	0.6	15
14	A Comprehensive High-Efficiency Protocol for Isolation, Culture, Polarization, and Glycolytic Characterization of Bone Marrow-Derived Macrophages. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	5
15	Anti-Inflammatory, Antidiabetic Properties and In Silico Modeling of Cucurbitane-Type Triterpene Glycosides from Fruits of an Indian Cultivar of <i>Momordica charantia</i> L.. <i>Molecules</i> , 2021, 26, 1038.	3.8	25
16	Age-dependent remodeling of gut microbiome and host serum metabolome in mice. <i>Aging</i> , 2021, 13, 6330-6345.	3.1	35
17	Ghrelin Receptors Enhance Fat Taste Responsiveness in Female Mice. <i>Nutrients</i> , 2021, 13, 1045.	4.1	7
18	GHS-R suppression in adipose tissues protects against obesity and insulin resistance by regulating adipose angiogenesis and fibrosis. <i>International Journal of Obesity</i> , 2021, 45, 1565-1575.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Î² Cell GHS-R Regulates Insulin Secretion and Sensitivity. International Journal of Molecular Sciences, 2021, 22, 3950.	4.1	11
20	GHS-R in brown fat potentiates differential thermogenic responses under metabolic and thermal stresses. PLoS ONE, 2021, 16, e0249420.	2.5	2
21	Metformin Targets Foxo1 to Control Glucose Homeostasis. Biomolecules, 2021, 11, 873.	4.0	8
22	Bitter melon extracts and cucurbitane-type triterpenoid glycosides antagonize lipopolysaccharide-induced inflammation via suppression of NLRP3 inflammasome. Journal of Functional Foods, 2021, 86, 104720.	3.4	4
23	Metabolic and inflammatory functions of cannabinoid receptor type 1 are differentially modulated by adiponectin. World Journal of Diabetes, 2021, 12, 1750-1764.	3.5	1
24	Protective Effects of Ghrelin on Fasting-Induced Muscle Atrophy in Aging Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 621-630.	3.6	56
25	Histone Carbonylation Is a Redox-Regulated Epigenomic Mark That Accumulates with Obesity and Aging. Antioxidants, 2020, 9, 1210.	5.1	14
26	Neuronal Deletion of Ghrelin Receptor Attenuates Aging-Associated Insulin Resistance and Cognitive Decline. FASEB Journal, 2020, 34, 1-1.	0.5	0
27	Thrifty Hormone Ghrelin: The Secret of Aging Muscularly. Journal of Aging Science, 2020, 8, .	0.5	0
28	A Novel Automated System Yields Reproducible Temporal Feeding Patterns in Laboratory Rodents. Journal of Nutrition, 2019, 149, 1674-1684.	2.9	5
29	Ghrelin receptor in agouti-related peptide neurones regulates metabolic adaptation to calorie restriction. Journal of Neuroendocrinology, 2019, 31, e12763.	2.6	11
30	A Simple High Efficiency Protocol for Pancreatic Islet Isolation from Mice. Journal of Visualized Experiments, 2019, , .	0.3	13
31	Nobiletin fortifies mitochondrial respiration in skeletal muscle to promote healthy aging against metabolic challenge. Nature Communications, 2019, 10, 3923.	12.8	123
32	In vitro and in silico elucidation of antidiabetic and anti-inflammatory activities of bioactive compounds from Momordica charantia L. Bioorganic and Medicinal Chemistry, 2019, 27, 3097-3109.	3.0	22
33	Acute But Not Chronic Calorie Restriction Defends against Stress-Related Anxiety and Despair in a GHS-R1a-Dependent Manner. Neuroscience, 2019, 412, 94-104.	2.3	14
34	Calorie restriction activates new adult born olfactory bulb neurones in a ghrelin-dependent manner but acyl-ghrelin does not enhance subventricular zone neurogenesis. Journal of Neuroendocrinology, 2019, 31, e12755.	2.6	14
35	GHS-R1a Deficiency Alleviates Depression-Related Behaviors After Chronic Social Defeat Stress. Frontiers in Neuroscience, 2019, 13, 364.	2.8	23
36	Phosphorylation of Forkhead Protein FoxO1 at S253 Regulates Glucose Homeostasis in Mice. Endocrinology, 2019, 160, 1333-1347.	2.8	26

#	ARTICLE	IF	CITATIONS
37	Cucurbitane-type compounds from <i>Momordica charantia</i> : Isolation, in vitro antidiabetic, anti-inflammatory activities and in silico modeling approaches. <i>Bioorganic Chemistry</i> , 2019, 87, 31-42.	4.1	26
38	SUPPRESSION OF GHRELIN SIGNALING EXACERBATES ULCERATIVE COLITIS IN OLDER MICE. <i>Innovation in Aging</i> , 2019, 3, S87-S87.	0.1	0
39	Estrogen Improves Insulin Sensitivity and Suppresses Gluconeogenesis via the Transcription Factor Foxo1. <i>Diabetes</i> , 2019, 68, 291-304.	0.6	160
40	Glucagon regulates hepatic mitochondrial function and biogenesis through FOXO1. <i>Journal of Endocrinology</i> , 2019, 241, 265-278.	2.6	24
41	Ageing gut microbiome profile and ghrelin signaling in microbiome homeostasis. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
42	1853-P: Transforming Growth Factor Beta 1 Acts as a Hepatokine in Control of Glucose and Energy Metabolism. <i>Diabetes</i> , 2019, 68, .	0.6	1
43	1864-P: p38 β MAPK Mediates Glucagon-Induced Hepatic Glucose Production through Phosphorylation of Foxo1 at Ser273. <i>Diabetes</i> , 2019, 68, 1864-P.	0.6	0
44	1989-P: Ablation of Ghrelin Receptor in Myeloid Cells Attenuates Diet-Induced NAFLD in Mice. <i>Diabetes</i> , 2019, 68, .	0.6	0
45	1,3,6,7-Tetrahydroxy-8-prenylxanthone ameliorates inflammatory responses resulting from the paracrine interaction of adipocytes and macrophages. <i>British Journal of Pharmacology</i> , 2018, 175, 1590-1606.	5.4	44
46	aP2-Cre Mediated Ablation of GHS-R Attenuates Adiposity and Improves Insulin Sensitivity during Aging. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3002.	4.1	8
47	Ghrelin Signaling in Immunometabolism and Inflamm-Aging. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1090, 165-182.	1.6	15
48	Novel Mechanism of Foxo1 Phosphorylation in Glucagon Signaling in Control of Glucose Homeostasis. <i>Diabetes</i> , 2018, 67, 2167-2182.	0.6	61
49	Bis-Indole-Derived NR4A1 Ligands and Metformin Exhibit NR4A1-Dependent Glucose Metabolism and Uptake in C2C12 Cells. <i>Endocrinology</i> , 2018, 159, 1950-1963.	2.8	17
50	Beclin-1-Dependent Autophagy Protects the Heart During Sepsis. <i>Circulation</i> , 2018, 138, 2247-2262.	1.6	255
51	Shift work cycle-induced alterations of circadian rhythms potentiate the effects of high-fat diet on inflammation and metabolism. <i>FASEB Journal</i> , 2018, 32, 3085-3095.	0.5	51
52	A Murine Pancreatic Islet Cell-based Screening for Diabetogenic Environmental Chemicals. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	5
53	Gallotannin derivatives from mango (<i>Mangifera indica</i> L.) suppress adipogenesis and increase thermogenesis in 3T3-L1 adipocytes in part through the AMPK pathway. <i>Journal of Functional Foods</i> , 2018, 46, 101-109.	3.4	40
54	Megalyn mediates plasma membrane to mitochondria cross-talk and regulates mitochondrial metabolism. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4021-4040.	5.4	24

#	ARTICLE	IF	CITATIONS
55	New Insights on Neuronal Functions of Ghrelin Receptor GHS-R in Obesity. <i>Journal of Neurology and Neuromedicine</i> , 2018, 3, 69-74.	0.9	4
56	A Novel Mechanism by Foxo1 Phosphorylation Mediates Glucagon Signaling in Control of Glucose Homeostasis. <i>Diabetes</i> , 2018, 67, 1880-P.	0.6	1
57	Foxo1-Ser253 Phosphorylation Regulates Glucose Homeostasis in Mice. <i>Diabetes</i> , 2018, 67, .	0.6	0
58	Glucagon Regulates Hepatic Mitochondrial Biogenesis and Function through Foxo1. <i>Diabetes</i> , 2018, 67, .	0.6	0
59	Obestatin stimulates glucose-induced insulin secretion through ghrelin receptor GHS-R. <i>Scientific Reports</i> , 2017, 7, 979.	3.3	26
60	Ghrelin receptors mediate ghrelin-induced excitation of agouti-related protein/neuropeptide Y but not pro-opiomelanocortin neurons. <i>Journal of Neurochemistry</i> , 2017, 142, 512-520.	3.9	68
61	Reduced prealbumin is associated with bone mineral density in women with osteoporosis. <i>Nutrition</i> , 2017, 33, 338-342.	2.4	6
62	Suppression of GHS-R in AgRP Neurons Mitigates Diet-Induced Obesity by Activating Thermogenesis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 832.	4.1	42
63	Suppression of Ghrelin Exacerbates HFCS-Induced Adiposity and Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1302.	4.1	23
64	Adiponectin is required for maintaining normal body temperature in a cold environment. <i>BMC Physiology</i> , 2017, 17, 8.	3.6	38
65	Mean platelet volume, platelet distribution width and carcinoembryonic antigen to discriminate gastric cancer from gastric ulcer. <i>Oncotarget</i> , 2017, 8, 62600-62605.	1.8	18
66	Ghrelin receptor regulates adipose tissue inflammation in aging. <i>Aging</i> , 2016, 8, 178-191.	3.1	57
67	Neuronal Deletion of Ghrelin Receptor Almost Completely Prevents Diet-Induced Obesity. <i>Diabetes</i> , 2016, 65, 2169-2178.	0.6	63
68	Bone mineral density is associated with left ventricular diastolic function in women. <i>Clinical Cardiology</i> , 2016, 39, 709-714.	1.8	8
69	Severe Nephrotoxic Nephritis following Conditional and Kidney-Specific Knockdown of Stanniocalcin-1. <i>PLoS ONE</i> , 2015, 10, e0138440.	2.5	4
70	Ghrelin receptor controls obesity by fat burning. <i>Oncotarget</i> , 2015, 6, 6470-6471.	1.8	8
71	Ghrelin Receptor Regulates Appetite and Satiety during Aging in Mice by Regulating Meal Frequency and Portion Size but Not Total Food Intake. <i>Journal of Nutrition</i> , 2014, 144, 1349-1355.	2.9	24
72	The suppression of ghrelin signaling mitigates age-associated thermogenic impairment. <i>Aging</i> , 2014, 6, 1019-1032.	3.1	51

#	ARTICLE	IF	CITATIONS
73	Ghrelin. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 619-624.	2.5	221
74	Acylated and unacylated ghrelin impair skeletal muscle atrophy in mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 611-22.	8.2	140
75	Adipocyte expression of PU.1 transcription factor causes insulin resistance through upregulation of inflammatory cytokine gene expression and ROS production. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1550-E1559.	3.5	43
76	Postprandial inhibition of gastric ghrelin secretion by long-chain fatty acid through GPR120 in isolated gastric ghrelin cells and mice. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G367-G376.	3.4	85
77	Thermogenic Characterization of Ghrelin Receptor Null Mice. <i>Methods in Enzymology</i> , 2012, 514, 355-370.	1.0	8
78	Physiological roles revealed by ghrelin and ghrelin receptor deficient mice. <i>Peptides</i> , 2011, 32, 2229-2235.	2.4	49
79	Ablation of ghrelin receptor reduces adiposity and improves insulin sensitivity during aging by regulating fat metabolism in white and brown adipose tissues. <i>Aging Cell</i> , 2011, 10, 996-1010.	6.7	161
80	Ablations of Ghrelin and Ghrelin Receptor Exhibit Differential Metabolic Phenotypes and Thermogenic Capacity during Aging. <i>PLoS ONE</i> , 2011, 6, e16391.	2.5	60
81	Unacylated Ghrelin Rapidly Modulates Lipogenic and Insulin Signaling Pathway Gene Expression in Metabolically Active Tissues of GHSR Deleted Mice. <i>PLoS ONE</i> , 2010, 5, e11749.	2.5	102
82	Ghrelin Is Produced in Taste Cells and Ghrelin Receptor Null Mice Show Reduced Taste Responsivity to Salty (NaCl) and Sour (Citric Acid) Tastants. <i>PLoS ONE</i> , 2010, 5, e12729.	2.5	93
83	The preproghrelin gene is required for the normal integration of thermoregulation and sleep in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14069-14074.	7.1	71
84	Characterization of Adult Ghrelin and Ghrelin Receptor Knockout Mice under Positive and Negative Energy Balance. <i>Endocrinology</i> , 2008, 149, 843-850.	2.8	235
85	Ghrelin and Growth Hormone Secretagogue Receptor Expression in Mice during Aging. <i>Endocrinology</i> , 2007, 148, 1323-1329.	2.8	110
86	Central and Peripheral Roles of Ghrelin on Glucose Homeostasis. <i>Neuroendocrinology</i> , 2007, 86, 215-228.	2.5	91
87	Ghrelin promotes thymopoiesis during aging. <i>Journal of Clinical Investigation</i> , 2007, 117, 2778-2790.	8.2	174
88	Ablation of ghrelin improves the diabetic but not obese phenotype of ob/ob mice. <i>Cell Metabolism</i> , 2006, 3, 379-386.	16.2	316
89	Developments in ghrelin biology and potential clinical relevance. <i>Trends in Endocrinology and Metabolism</i> , 2005, 16, 436-442.	7.1	113
90	Ghrelin stimulation of growth hormone release and appetite is mediated through the growth hormone secretagogue receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4679-4684.	7.1	638

#	ARTICLE	IF	CITATIONS
91	Deletion of Ghrelin Impairs neither Growth nor Appetite. <i>Molecular and Cellular Biology</i> , 2003, 23, 7973-7981.	2.3	579
92	GHSR1a deficiency suppresses inhibitory drive on dCA1 pyramidal neurons and contributes to memory reinforcement. <i>Cerebral Cortex</i> , 0, , .	2.9	0