

Shu Lin

List of Publications by Year in descending order

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77
papers

3,708
citations

159585

30
h-index

133252

59
g-index

78
all docs

78
docs citations

78
times ranked

4434
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-induced anorexia and weight loss are mediated by the TGF- β ² superfamily cytokine MIC-1. <i>Nature Medicine</i> , 2007, 13, 1333-1340.	30.7	489
2	NPY and Y receptors: lessons from transgenic and knockout models. <i>Neuropeptides</i> , 2004, 38, 189-200.	2.2	271
3	Arcuate NPY Controls Sympathetic Output and BAT Function via a Relay of Tyrosine Hydroxylase Neurons in the PVN. <i>Cell Metabolism</i> , 2013, 17, 236-248.	16.2	213
4	Novel Role of Y1 Receptors in the Coordinated Regulation of Bone and Energy Homeostasis. <i>Journal of Biological Chemistry</i> , 2007, 282, 19092-19102.	3.4	181
5	Leptin receptor, NPY, POMC mRNA expression in the diet-induced obese mouse brain. <i>Brain Research</i> , 2000, 875, 89-95.	2.2	177
6	Macrophage Inhibitory Cytokine 1 (MIC-1/GDF15) Decreases Food Intake, Body Weight and Improves Glucose Tolerance in Mice on Normal & Obesogenic Diets. <i>PLoS ONE</i> , 2012, 7, e34868.	2.5	156
7	Neuropeptide Y Knockout Mice Reveal a Central Role of NPY in the Coordination of Bone Mass to Body Weight. <i>PLoS ONE</i> , 2009, 4, e8415.	2.5	143
8	TGF- β Superfamily Cytokine MIC-1/GDF15 Is a Physiological Appetite and Body Weight Regulator. <i>PLoS ONE</i> , 2013, 8, e55174.	2.5	142
9	Macrophage inhibitory cytokine-1 (MIC-1/GDF15) and mortality in end-stage renal disease. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 70-75.	0.7	96
10	The Anorectic Actions of the TGF- β ² Cytokine MIC-1/GDF15 Require an Intact Brainstem Area Postrema and Nucleus of the Solitary Tract. <i>PLoS ONE</i> , 2014, 9, e100370.	2.5	91
11	Y1 receptors regulate aggressive behavior by modulating serotonin pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12742-12747.	7.1	83
12	PYY transgenic mice are protected against diet-induced and genetic obesity. <i>Neuropeptides</i> , 2008, 42, 19-30.	2.2	81
13	Update on glycerol-3-phosphate acyltransferases: the roles in the development of insulin resistance. <i>Nutrition and Diabetes</i> , 2018, 8, 34.	3.2	78
14	Y1 and Y5 Receptors Are Both Required for the Regulation of Food Intake and Energy Homeostasis in Mice. <i>PLoS ONE</i> , 2012, 7, e40191.	2.5	74
15	Using Mesenchymal Stem Cells to Treat Female Infertility: An Update on Female Reproductive Diseases. <i>Stem Cells International</i> , 2019, 2019, 1-10.	2.5	70
16	Serum Levels of Human MIC-1/GDF15 Vary in a Diurnal Pattern, Do Not Display a Profile Suggestive of a Satiety Factor and Are Related to BMI. <i>PLoS ONE</i> , 2015, 10, e0133362.	2.5	66
17	Anorexia/cachexia of chronic diseases: a role for the TGF- β ² family cytokine MIC-1/GDF15. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2012, 3, 239-243.	7.3	63
18	NPY Neuron-Specific Y2 Receptors Regulate Adipose Tissue and Trabecular Bone but Not Cortical Bone Homeostasis in Mice. <i>PLoS ONE</i> , 2010, 5, e11361.	2.5	62

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19	Critical Role of Arcuate Y4 Receptors and the Melanocortin System in Pancreatic Polypeptide-Induced Reduction in Food Intake in Mice. PLoS ONE, 2009, 4, e8488.	2.5	59
20	Neuropeptide Y (NPY) Y4Receptor Selective Agonists Based on NPY(32~36):Â Development of an Anorectic Y4Receptor Selective Agonist with Picomolar Affinity. Journal of Medicinal Chemistry, 2006, 49, 2661-2665.	6.4	58
21	Peripheralâ€Specific Y2 Receptor Knockdown Protects Mice From Highâ€Fat Dietâ€Induced Obesity. Obesity, 2011, 19, 2137-2148.	3.0	55
22	Neuropeptide Y Is an Immunomodulatory Factor: Direct and Indirect. Frontiers in Immunology, 2020, 11, 580378.	4.8	53
23	Distribution of prodynorphin mRNA and its interaction with the NPY system in the mouse brain. Neuropeptides, 2006, 40, 115-123.	2.2	48
24	Update on the Mechanism and Treatment of Sevoflurane-Induced Postoperative Cognitive Dysfunction. Frontiers in Aging Neuroscience, 2021, 13, 702231.	3.4	48
25	Pancreatic Polypeptide Controls Energy Homeostasis via Npy6r Signaling in the Suprachiasmatic Nucleus in Mice. Cell Metabolism, 2014, 19, 58-72.	16.2	44
26	Y4 receptors and pancreatic polypeptide regulate food intake via hypothalamic orexin and brain-derived neurotropic factor dependent pathways. Neuropeptides, 2010, 44, 261-268.	2.2	42
27	Collagen biomaterial for the treatment of myocardial infarction: an update on cardiac tissue engineering and myocardial regeneration. Drug Delivery and Translational Research, 2019, 9, 920-934.	5.8	38
28	The role of neuropeptide Y in the pathophysiology of atherosclerotic cardiovascular disease. International Journal of Cardiology, 2016, 220, 235-241.	1.7	37
29	Neuropeptide Y1 Receptor in Immune Cells Regulates Inflammation and Insulin Resistance Associated With Diet-Induced Obesity. Diabetes, 2012, 61, 3228-3238.	0.6	36
30	Adult-onset hippocampal-specific neuropeptide Y overexpression confers mild anxiolytic effect in mice. European Neuropsychopharmacology, 2010, 20, 164-175.	0.7	33
31	Transplantation of mesenchymal stem cells for spinal cord injury: a systematic review and network meta-analysis. Journal of Translational Medicine, 2021, 19, 178.	4.4	31
32	The role of pancreatic polypeptide in the regulation of energy homeostasis. Molecular and Cellular Endocrinology, 2015, 418, 33-41.	3.2	30
33	Dynorphin Knockout Reduces Fat Mass and Increases Weight Loss during Fasting in Mice. Molecular Endocrinology, 2007, 21, 1722-1735.	3.7	29
34	PYY3~36 and pancreatic polypeptide reduce food intake in an additive manner via distinct hypothalamic dependent pathways in mice. Obesity, 2013, 21, E669-78.	3.0	29
35	Risperidone stimulates food intake and induces body weight gain via the hypothalamic arcuate nucleus 5-HT2c receptorâ€NPY pathway. CNS Neuroscience and Therapeutics, 2020, 26, 558-566.	3.9	25
36	Therapeutic options for premature ovarian insufficiency: an updated review. Reproductive Biology and Endocrinology, 2022, 20, 28.	3.3	25

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37	Current views on neuropeptide Y and diabetes-related atherosclerosis. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 277-284.	2.0	24
38	Adult-onset PYY overexpression in mice reduces food intake and increases lipogenic capacity. <i>Neuropeptides</i> , 2012, 46, 173-182.	2.2	23
39	Fasting Inhibits the Growth and Reproductive Axes via Distinct Y2 and Y4 Receptor-Mediated Pathways. <i>Endocrinology</i> , 2007, 148, 2056-2065.	2.8	22
40	Regulation of neuropeptide Y in body microenvironments and its potential application in therapies: a review. <i>Cell and Bioscience</i> , 2021, 11, 151.	4.8	22
41	Neuropeptide Y and Metabolism Syndrome: An Update on Perspectives of Clinical Therapeutic Intervention Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 695623.	3.7	19
42	Advances in the application of mesenchymal stem cells, exosomes, biomimetic materials, and 3D printing in osteoporosis treatment. <i>Cellular and Molecular Biology Letters</i> , 2021, 26, 47.	7.0	19
43	Western diet induces severe nonalcoholic steatohepatitis, ductular reaction, and hepatic fibrosis in liver CGI-58 knockout mice. <i>Scientific Reports</i> , 2020, 10, 4701.	3.3	17
44	Metabolic disorders on cognitive dysfunction after traumatic brain injury. <i>Trends in Endocrinology and Metabolism</i> , 2022, 33, 451-462.	7.1	17
45	Effects of Neuropeptide Y on Stem Cells and Their Potential Applications in Disease Therapy. <i>Stem Cells International</i> , 2017, 2017, 1-12.	2.5	16
46	The role of inflammation and endoplasmic reticulum stress in obesity-related cognitive impairment. <i>Life Sciences</i> , 2019, 233, 116707.	4.3	16
47	Different effects of neuropeptide Y on proliferation of vascular smooth muscle cells via regulation of Geminin. <i>Molecular and Cellular Biochemistry</i> , 2017, 433, 205-211.	3.1	15
48	Synergistic attenuation of obesity by Y2- and Y4-receptor double knockout in ob/ob mice. <i>Nutrition</i> , 2008, 24, 892-899.	2.4	14
49	NPY promotes macrophage migration by upregulating matrix metalloproteinase-8 expression. <i>Journal of Cellular Physiology</i> , 2021, 236, 1903-1912.	4.1	14
50	An Update on Obstructive Sleep Apnea for Atherosclerosis: Mechanism, Diagnosis, and Treatment. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 647071.	2.4	14
51	The Latest Developments in Immunomodulation of Mesenchymal Stem Cells in the Treatment of Intrauterine Adhesions, Both Allogeneic and Autologous. <i>Frontiers in Immunology</i> , 2021, 12, 785717.	4.8	14
52	The endogenous opioid dynorphin is required for normal bone homeostasis in mice. <i>Neuropeptides</i> , 2012, 46, 383-394.	2.2	13
53	Updated Role of Neuropeptide Y in Nicotine-Induced Endothelial Dysfunction and Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 630968.	2.4	13
54	Repair abilities of mouse autologous adipose-derived stem cells and ShakeGel [®] , 3D complex local injection with intrauterine adhesion by BMP7-Smad5 signaling pathway activation. <i>Stem Cell Research and Therapy</i> , 2021, 12, 191.	5.5	13

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55	Stem cell-derived exosomes in the treatment of acute myocardial infarction in preclinical animal models: a meta-analysis of randomized controlled trials. <i>Stem Cell Research and Therapy</i> , 2022, 13, 151.	5.5	13
56	RANKL Reduces Body Weight and Food Intake via the Modulation of Hypothalamic NPY/CART Expression. <i>International Journal of Medical Sciences</i> , 2018, 15, 969-977.	2.5	12
57	Reduced serum levels of oestradiol and brain derived neurotrophic factor in both diabetic women and HFD-feeding female mice. <i>Endocrine</i> , 2017, 56, 65-72.	2.3	11
58	Physical exercise inhibits atherosclerosis development by regulating the expression of neuropeptide Y in apolipoprotein E-deficient mice. <i>Life Sciences</i> , 2019, 237, 116896.	4.3	11
59	Intermittent Moderate Energy Restriction Improves Weight Loss Efficiency in Diet-Induced Obese Mice. <i>PLoS ONE</i> , 2016, 11, e0145157.	2.5	11
60	Y2Y4 receptor double knockout protects against obesity due to a high-fat diet or Y1 receptor deficiency in mice. <i>Diabetes</i> , 2006, 55, 19-26.	0.6	11
61	Cold exposure promotes obesity and impairs glucose homeostasis in mice subjected to a high-fat diet. <i>Molecular Medicine Reports</i> , 2018, 18, 3923-3931.	2.4	8
62	Hippocampal Glycerol-3-Phosphate Acyltransferases 4 and BDNF in the Progress of Obesity-Induced Depression. <i>Frontiers in Endocrinology</i> , 2021, 12, 667773.	3.5	8
63	Neuropeptide Y: An Update on the Mechanism Underlying Chronic Intermittent Hypoxia-Induced Endothelial Dysfunction. <i>Frontiers in Physiology</i> , 2021, 12, 712281.	2.8	8
64	The central mechanism of risperidone-induced hyperprolactinemia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 134-139.	4.8	7
65	Update on the Role of Neuropeptide Y and Other Related Factors in Breast Cancer and Osteoporosis. <i>Frontiers in Endocrinology</i> , 2021, 12, 705499.	3.5	7
66	Arcuate NPY is involved in salt-induced hypertension via modulation of paraventricular vasopressin and brain-derived neurotrophic factor. <i>Journal of Cellular Physiology</i> , 2022, 237, 2574-2588.	4.1	6
67	Overexpression of UHRF1 promoted the proliferation of vascular smooth cells via the regulation of Geminin protein levels. <i>Bioscience Reports</i> , 2019, 39, .	2.4	5
68	Psychological Stress and Functional Endometrial Disorders: Update of Mechanism Insights. <i>Frontiers in Endocrinology</i> , 2021, 12, 690255.	3.5	5
69	Recent advances in the development of transplanted colorectal cancer mouse models. <i>Translational Research</i> , 2022, 249, 128-143.	5.0	5
70	Double deletion of orexigenic neuropeptide Y and dynorphin results in paradoxical obesity in mice. <i>Neuropeptides</i> , 2014, 48, 143-151.	2.2	4
71	Recent Advances in Studies on the Role of Neuroendocrine Disorders in Obstructive Sleep Apnea-Hypopnea Syndrome-Related Atherosclerosis. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 1331-1345.	2.7	4
72	Update of application of olfactory ensheathing cells and stem cells/exosomes in the treatment of retinal disorders. <i>Stem Cell Research and Therapy</i> , 2022, 13, 11.	5.5	4

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73	Transcription factor Tbx18 induces the differentiation of c-kit canine mesenchymal stem cells (cMSCs) into SAN-like pacemaker cells in a co-culture model in vitro. American Journal of Translational Research (discontinued), 2018, 10, 2511-2528.	0.0	3
74	Case Report: Double Visualization Intubation Strategy for Patients With Ankylosing Spondylitis. Frontiers in Medicine, 2022, 9, 659624.	2.6	2
75	Changes in best-corrected visual acuity in patients with dry age-related macular degeneration after stem cell transplantation: systematic review and meta-analysis. Stem Cell Research and Therapy, 2022, 13, .	5.5	2
76	Regulation of geminin by neuropeptide AY in vascular smooth muscle cell proliferation. Herz, 2019, 44, 712-716.	1.1	0
77	A Retrospective Study of Perioperative Nursing Care of Patients After Percutaneous Left Atrial Appendage Occlusion. Journal of Perianesthesia Nursing, 2021, 36, 638-641.	0.7	0