

# Weidong Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

863  
citations

933447

10  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1192  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipsin deficiency does not impact atherosclerosis development in <i>Ldlr</i> <sup>-/-</sup> mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E87-E92.	3.5	10
2	Adipsin promotes bone marrow adiposity by priming mesenchymal stem cells. <i>ELife</i> , 2021, 10, .	6.0	32
3	A Novel Peroxisome Proliferator-Activated Receptor Gamma Ligand Improves Insulin Sensitivity and Promotes Browning of White Adipose Tissue in Obese Mice. <i>Molecular Metabolism</i> , 2021, 54, 101363.	6.5	4
4	Pharmacological Inhibition of Inositol-Requiring Enzyme 1 $\pm$ RNase Activity Protects Pancreatic Beta Cell and Improves Diabetic Condition in Insulin Mutation-Induced Diabetes. <i>Frontiers in Endocrinology</i> , 2021, 12, 749879.	3.5	4
5	<i>Drosophila</i> Solute Carrier 5A5 Regulates Systemic Glucose Homeostasis by Mediating Glucose Absorption in the Midgut. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12424.	4.1	3
6	Discovery of N-(2-(Benzylamino)oxoethyl)benzamide analogs as a novel scaffold of pancreatic $\beta$ -cell protective agents against endoplasmic reticulum stress. <i>Chemical Biology and Drug Design</i> , 2020, 95, 388-393.	3.2	2
7	Editorial: The Endocrine Regulation of Systemic Energy Homeostasis Under Physiological and Pathological Conditions. <i>Frontiers in Physiology</i> , 2020, 11, 602942.	2.8	0
8	Select Septate Junction Proteins Direct ROS-Mediated Paracrine Regulation of <i>Drosophila</i> Cardiac Function. <i>Cell Reports</i> , 2019, 28, 1455-1470.e4.	6.4	7
9	Design, synthesis, and evaluation of potent novel peroxisome proliferator-activated receptor $\beta$ indole partial agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126664.	2.2	9
10	Rapid and reliable identification of insulin 2 gene mutation in Akita diabetic mice by a tetra-primer-ARMS-PCR method. <i>Heliyon</i> , 2019, 5, e01112.	3.2	4
11	Cardiac Snail family of transcription factors directs systemic lipid metabolism in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2019, 15, e1008487.	3.5	8
12	Discovery of a Benzamide Derivative That Protects Pancreatic $\beta$ -Cells against Endoplasmic Reticulum Stress. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6191-6204.	6.4	8
13	Cardiomyocyte Regulation of Systemic Lipid Metabolism by the Apolipoprotein B-Containing Lipoproteins in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2017, 13, e1006555.	3.5	25
14	Identification of 1,2,3-triazole derivatives that protect pancreatic $\beta$ cells against endoplasmic reticulum stress-mediated dysfunction and death through the inhibition of C/EBP-homologous protein expression. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2621-2630.	3.0	13
15	Discovery, Synthesis, and Evaluation of 2,4-Diaminoquinazolines as a Novel Class of Pancreatic $\beta$ -Cell-Protective Agents against Endoplasmic Reticulum (ER) Stress. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7783-7800.	6.4	15
16	Identification of 5-nitrofuranyl-2-amide derivatives that induce apoptosis in triple negative breast cancer cells by activating C/EBP-homologous protein expression. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4514-4521.	3.0	8
17	Identification of Small Molecules That Protect Pancreatic $\beta$ Cells against Endoplasmic Reticulum Stress-Induced Cell Death. <i>ACS Chemical Biology</i> , 2014, 9, 2796-2806.	3.4	17
18	ROS Regulate Cardiac Function via a Distinct Paracrine Mechanism. <i>Cell Reports</i> , 2014, 7, 35-44.	6.4	47

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19	Small-Molecule Inducer of $\hat{I}^2$ Cell Proliferation Identified by High-Throughput Screening. Journal of the American Chemical Society, 2013, 135, 1669-1672.	13.7	88
20	Phospholipid homeostasis regulates lipid metabolism and cardiac function through SREBP signaling in <i>Drosophila</i> . Genes and Development, 2011, 25, 189-200.	5.9	96
21	Identification of small-molecule inducers of pancreatic $\hat{I}^2$ -cell expansion. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1427-1432.	7.1	85
22	Distinct roles for Mind bomb, Neuralized and Epsin in mediating DSL endocytosis and signaling in <i>Drosophila</i> . Development (Cambridge), 2005, 132, 2883-2894.	2.5	158
23	<i>Drosophila</i> Epsin mediates a select endocytic pathway that DSL ligands must enter to activate Notch. Development (Cambridge), 2004, 131, 5367-5380.	2.5	220
24	Hydroxybenzamide Derivatives Protect Pancreatic $\hat{I}^2$ Cell by Suppressing Unfolded Protein Response Activation. Chemical Biology and Drug Design, 0, , .	3.2	0