

Yu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

20,341
citations

16791

66
h-index

12272

138
g-index

198
all docs

198
docs citations

198
times ranked

34563
citing authors

#	ARTICLE	IF	CITATIONS
1	SOX4 is a novel phenotypic regulator of endothelial cells in atherosclerosis revealed by single-cell analysis. <i>Journal of Advanced Research</i> , 2023, 43, 187-203.	4.4	13
2	Biodegradable celastrol-loaded albumin nanoparticles ameliorate inflammation and lipid accumulation in diet-induced obese mice. <i>Biomaterials Science</i> , 2022, 10, 984-996.	2.6	14
3	Clusterin is involved in mediating the metabolic function of adipose SIRT1. <i>IScience</i> , 2022, 25, 103709.	1.9	3
4	Covalent inhibition of endoplasmic reticulum chaperone GRP78 disconnects the transduction of ER stress signals to inflammation and lipid accumulation in diet-induced obese mice. <i>ELife</i> , 2022, 11, .	2.8	18
5	Celastrol-loaded lactosylated albumin nanoparticles attenuate hepatic steatosis in non-alcoholic fatty liver disease. <i>Journal of Controlled Release</i> , 2022, 347, 44-54.	4.8	20
6	Adiponectin-expressing Treg facilitate T lymphocyte development in thymic nurse cell complexes. <i>Communications Biology</i> , 2021, 4, 344.	2.0	11
7	Chemical Synthesis and Biological Evaluations of Adiponectin Collagenous Domain Glycoforms. <i>Journal of the American Chemical Society</i> , 2021, 143, 7808-7818.	6.6	14
8	Communications between Mitochondria and Endoplasmic Reticulum in the Regulation of Metabolic Homeostasis. <i>Cells</i> , 2021, 10, 2195.	1.8	17
9	Nicotinamide N-methyltransferase in endothelium protects against oxidant stress-induced endothelial injury. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119082.	1.9	41
10	Effects of low-carbohydrate diet and ketogenic diet on glucose and lipid metabolism in type 2 diabetic mice. <i>Nutrition</i> , 2021, 89, 111230.	1.1	23
11	Expansion and inflammation of white adipose tissue - focusing on adipocyte progenitors. <i>Biological Chemistry</i> , 2021, 402, 123-132.	1.2	12
12	Mechanisms of Vasodilatation – A Journey of Over 40 Years. <i>Journal of Cardiovascular Pharmacology</i> , 2021, Publish Ahead of Print, .	0.8	0
13	Endothelial SIRT1 as a Target for the Prevention of Arterial Aging: Promises and Challenges. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 78, S63-S77.	0.8	20
14	Mitochondrial uncoupling protein 1 antagonizes atherosclerosis by blocking NLRP3 inflammasome-dependent interleukin-1 β production. <i>Science Advances</i> , 2021, 7, eabl4024.	4.7	27
15	Lipocalin-2 Variants and Their Relationship With Cardio-Renal Risk Factors. <i>Frontiers in Endocrinology</i> , 2021, 12, 781763.	1.5	8
16	Lipocalin – The myth of its expression and function. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 142-151.	1.2	32
17	Gut Microbiome Fermentation Determines the Efficacy of Exercise for Diabetes Prevention. <i>Cell Metabolism</i> , 2020, 31, 77-91.e5.	7.2	223
18	Adipose tissue secretory profile and cardiometabolic risk in obesity. <i>Endocrine and Metabolic Science</i> , 2020, 1, 100061.	0.7	3

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19	Celastrol-loaded PEG-PCL nanomicelles ameliorate inflammation, lipid accumulation, insulin resistance and gastrointestinal injury in diet-induced obese mice. <i>Journal of Controlled Release</i> , 2019, 310, 188-197.	4.8	48
20	Assessment of Vascular Tone Responsiveness using Isolated Mesenteric Arteries with a Focus on Modulation by Perivascular Adipose Tissues. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	2
21	Adipocyte-secreted exosomal microRNA-34a inhibits M2 macrophage polarization to promote obesity-induced adipose inflammation. <i>Journal of Clinical Investigation</i> , 2019, 129, 834-849.	3.9	282
22	Seipin Knockout Mice Develop Heart Failure With Preserved Ejection Fraction. <i>JACC Basic To Translational Science</i> , 2019, 4, 924-937.	1.9	24
23	Endothelial SIRT1 prevents age-induced impairment of vasodilator responses by enhancing the expression and activity of soluble guanylyl cyclase in smooth muscle cells. <i>Cardiovascular Research</i> , 2019, 115, 678-690.	1.8	32
24	Heme oxygenase-1 ameliorates oxidative stress-induced endothelial senescence via regulating endothelial nitric oxide synthase activation and coupling. <i>Aging</i> , 2018, 10, 1722-1744.	1.4	48
25	Local enrichment of fatty acid-binding protein 4 in the pericardial cavity of cardiovascular disease patients. <i>PLoS ONE</i> , 2018, 13, e0206802.	1.1	7
26	Maternal Serum and Breast Milk Adiponectin: The Association with Infant Adiposity Development. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1250.	1.2	19
27	Expression profiling of ubiquitin-related genes in LKB1 mutant lung adenocarcinoma. <i>Scientific Reports</i> , 2018, 8, 13221.	1.6	3
28	Fibroblast growth factor 21 inhibits atherosclerosis in apoE ^{-/-} mice by ameliorating Fas-mediated apoptosis. <i>Lipids in Health and Disease</i> , 2018, 17, 203.	1.2	23
29	Lipocalin-2 derived from adipose tissue mediates aldosterone-induced renal injury. <i>JCI Insight</i> , 2018, 3, .	2.3	25
30	CDK5. , 2018, , 1009-1024.		0
31	Adipocyte SIRT1 controls systemic insulin sensitivity by modulating macrophages in adipose tissue. <i>EMBO Reports</i> , 2017, 18, 645-657.	2.0	78
32	Prostaglandin E receptor subtype 4 regulates lipid droplet size and mitochondrial activity in murine subcutaneous white adipose tissue. <i>FASEB Journal</i> , 2017, 31, 4023-4036.	0.2	14
33	Synthetic peptides designed to modulate adiponectin assembly improve obesity-related metabolic disorders. <i>British Journal of Pharmacology</i> , 2017, 174, 4478-4492.	2.7	15
34	The FGF21-CCL11 Axis Mediates Beiging of White Adipose Tissues by Coupling Sympathetic Nervous System to Type 2 Immunity. <i>Cell Metabolism</i> , 2017, 26, 493-508.e4.	7.2	113
35	Measuring non-polyaminated lipocalin ² for cardiometabolic risk assessment. <i>ESC Heart Failure</i> , 2017, 4, 563-575.	1.4	14
36	The anti-proliferative effects of oleanolic acid on A7r5 cells: Role of UCP2 and downstream FGF ² /p53/TSP ¹ . <i>Cell Biology International</i> , 2017, 41, 1296-1306.	1.4	7

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37	Visualization and Quantification of Browning Using a <i>Ucp1</i> -2A-Luciferase Knock-in Mouse Model. <i>Diabetes</i> , 2017, 66, 407-417.	0.3	35
38	Calorie Restriction Mimetics From Functional Foods. , 2017, , 257-271.		2
39	Natural product celastrol suppressed macrophage M1 polarization against inflammation in diet-induced obese mice via regulating Nrf2/HO-1, MAP kinase and NF- κ B pathways. <i>Aging</i> , 2017, 9, 2069-2082.	1.4	105
40	Adiponectin-Based Therapeutics for Cancer Treatment. , 2017, , 272-313.		1
41	Lipocalin-2 induces NLRP3 inflammasome activation via HMGB1 induced TLR4 signaling in heart tissue of mice under pressure overload challenge. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 2723-2735.	0.0	21
42	Endothelial SIRT1 prevents adverse arterial remodeling by facilitating HERC2-mediated degradation of acetylated LKB1. <i>Oncotarget</i> , 2016, 7, 39065-39081.	0.8	37
43	Fibroblast growth factor 21 improves hepatic insulin sensitivity by inhibiting mammalian target of rapamycin complex 1 in mice. <i>Hepatology</i> , 2016, 64, 425-438.	3.6	134
44	Circulating Fibroblast Growth Factor 21 Is A Sensitive Biomarker for Severe Ischemia/reperfusion Injury in Patients with Liver Transplantation. <i>Scientific Reports</i> , 2016, 6, 19776.	1.6	25
45	Heterogeneous <i>Porphyromonas gingivalis</i> LPS modulates immuno-inflammatory response, antioxidant defense and cytoskeletal dynamics in human gingival fibroblasts. <i>Scientific Reports</i> , 2016, 6, 29829.	1.6	28
46	Lipocalin-2 mediates non-alcoholic steatohepatitis by promoting neutrophil-macrophage crosstalk via the induction of CXCR2. <i>Journal of Hepatology</i> , 2016, 65, 988-997.	1.8	134
47	SIRT1 in Endothelial Cells as a Novel Target for the Prevention of Early Vascular Aging. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 465-473.	0.8	38
48	Cloning and Characterization of Sirtuin3 (SIRT3). <i>Methods in Molecular Biology</i> , 2016, 1436, 201-211.	0.4	0
49	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
50	Toll-like receptors mediating vascular malfunction: Lessons from receptor subtypes. , 2016, 158, 91-100.		52
51	Adipokine Imbalance in the Pericardial Cavity of Cardiac and Vascular Disease Patients. <i>PLoS ONE</i> , 2016, 11, e0154693.	1.1	17
52	CDK5. , 2016, , 1-16.		0
53	Pyruvate Dehydrogenase Kinase 4 Promotes Vascular Calcification via SMAD1/5/8 Phosphorylation. <i>Scientific Reports</i> , 2015, 5, 16577.	1.6	55
54	Calorie Restriction Prevents Metabolic Aging Caused by Abnormal SIRT1 Function in Adipose Tissues. <i>Diabetes</i> , 2015, 64, 1576-1590.	0.3	32

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55	Adiponectin Enhances Cold-Induced Browning of Subcutaneous Adipose Tissue via Promoting M2 Macrophage Proliferation. <i>Cell Metabolism</i> , 2015, 22, 279-290.	7.2	266
56	Regulation and Quality Control of Adiponectin Assembly by Endoplasmic Reticulum Chaperone ERp44. <i>Journal of Biological Chemistry</i> , 2015, 290, 18111-18123.	1.6	33
57	Fibroblast Growth Factor 21 Prevents Atherosclerosis by Suppression of Hepatic Sterol Regulatory Element-Binding Protein-2 and Induction of Adiponectin in Mice. <i>Circulation</i> , 2015, 131, 1861-1871.	1.6	217
58	Mice lacking prostaglandin E receptor subtype 4 manifest disrupted lipid metabolism attributable to impaired triglyceride clearance. <i>FASEB Journal</i> , 2015, 29, 4924-4936.	0.2	26
59	Dietary compound isoliquiritigenin prevents mammary carcinogenesis by inhibiting breast cancer stem cells through WIF1 demethylation. <i>Oncotarget</i> , 2015, 6, 9854-9876.	0.8	67
60	Structure and Enzymatic Activities of Human Serum Albumin. <i>Current Pharmaceutical Design</i> , 2015, 21, 1831-1836.	0.9	29
61	Integrative Approaches for Lipid Analysis. <i>Pharmacologia</i> , 2015, 6, 213-234.	0.3	4
62	In Vitro and In Vivo Activity of a Novel Antifungal Small Molecule against Candida Infections. <i>PLoS ONE</i> , 2014, 9, e85836.	1.1	78
63	Molecular Links between Caloric Restriction and Sir2/SIRT1 Activation. <i>Diabetes and Metabolism Journal</i> , 2014, 38, 321.	1.8	54
64	Deamidated Lipocalin α 2 Induces Endothelial Dysfunction and Hypertension in Dietary Obese Mice. <i>Journal of the American Heart Association</i> , 2014, 3, e000837.	1.6	54
65	Constitutive activation of α 1 in vascular endothelium promotes high-fat diet-induced fatty liver injury: role of α 2 induction. <i>British Journal of Pharmacology</i> , 2014, 171, 498-508.	2.7	17
66	Fibroblast growth factor 21 protects against acetaminophen-induced hepatotoxicity by potentiating peroxisome proliferator-activated receptor coactivator protein-1 α -mediated antioxidant capacity in mice. <i>Hepatology</i> , 2014, 60, 977-989.	3.6	153
67	Absence of Appl2 sensitizes endotoxin shock through activation of PI3K/Akt pathway. <i>Cell and Bioscience</i> , 2014, 4, 60.	2.1	11
68	Isoform-specific responses of metallothioneins in a marine pollution biomonitor, the green-lipped mussel <i>Perna viridis</i> , towards different stress stimulations. <i>Proteomics</i> , 2014, 14, 1796-1807.	1.3	9
69	FGF21 Maintains Glucose Homeostasis by Mediating the Cross Talk Between Liver and Brain During Prolonged Fasting. <i>Diabetes</i> , 2014, 63, 4064-4075.	0.3	217
70	Loss-of-SIRT1 function during vascular ageing: Hyperphosphorylation mediated by cyclin-dependent kinase 5. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 81-84.	2.3	47
71	The Adaptor Protein APPL2 Inhibits Insulin-Stimulated Glucose Uptake by Interacting With TBC1D1 in Skeletal Muscle. <i>Diabetes</i> , 2014, 63, 3748-3758.	0.3	30
72	Adiponectin protects against acetaminophen-induced mitochondrial dysfunction and acute liver injury by promoting autophagy in mice. <i>Journal of Hepatology</i> , 2014, 61, 825-831.	1.8	103

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73	Adiponectin. , 2014, , 89-96.		0
74	The expression and regulation of matrix metalloproteinase-3 is critically modulated by Porphyromonas gingivalis lipopolysaccharide with heterogeneous lipid A structures in human gingival fibroblasts. BMC Microbiology, 2013, 13, 73.	1.3	26
75	High level expression, efficient purification and bioactivity assay of recombinant human platelet-derived growth factor AA dimer (PDGF-AA) from methylotrophic yeast Pichia pastoris. Protein Expression and Purification, 2013, 91, 221-227.	0.6	7
76	Caspase-3 as a therapeutic target for heart failure. Expert Opinion on Therapeutic Targets, 2013, 17, 255-263.	1.5	71
77	Upregulation of heme oxygenase-1 potentiates EDH-type relaxations in the mesenteric artery of the spontaneously hypertensive rat. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1471-H1483.	1.5	24
78	Fluconazole resistance in Candida glabrata is associated with increased bud formation and metallothionein production. Journal of Medical Microbiology, 2013, 62, 303-318.	0.7	20
79	Adiponectin Mediates the Metabolic Effects of FGF21 on Glucose Homeostasis and Insulin Sensitivity in Mice. Cell Metabolism, 2013, 17, 779-789.	7.2	550
80	Methods to Investigate the Role of SIRT1 in Endothelial Senescence. Methods in Molecular Biology, 2013, 965, 327-339.	0.4	9
81	Fibroblast Growth Factor 21 as an emerging metabolic regulator: clinical perspectives. Clinical Endocrinology, 2013, 78, 489-496.	1.2	249
82	Toll-Like Receptor 4 Mutation Protects Obese Mice Against Endothelial Dysfunction by Decreasing NADPH Oxidase Isoforms 1 and 4. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 777-784.	1.1	96
83	TRAF6-mediated ubiquitination of APPL1 enhances hepatic actions of insulin by promoting the membrane translocation of Akt. Biochemical Journal, 2013, 455, 207-216.	1.7	26
84	Enhanced Production of Recombinant Secretory Proteins in Pichia pastoris by Optimizing Kex2 P1 site. PLoS ONE, 2013, 8, e75347.	1.1	56
85	Pro-Inflammatory Adipokines as Predictors of Incident Cancers in a Chinese Cohort of Low Obesity Prevalence in Hong Kong. PLoS ONE, 2013, 8, e78594.	1.1	14
86	Association of Genetic Variants in the Adiponectin Gene with Metabolic Syndrome: A Case-Control Study and a Systematic Meta-Analysis in the Chinese Population. PLoS ONE, 2013, 8, e58412.	1.1	25
87	Tetra- and Penta-Acylated Lipid A Structures of Porphyromonas gingivalis LPS Differentially Activate TLR4-Mediated NF- κ B Signal Transduction Cascade and Immuno-Inflammatory Response in Human Gingival Fibroblasts. PLoS ONE, 2013, 8, e58496.	1.1	137
88	Cholesterol-induced mammary tumorigenesis is enhanced by adiponectin deficiency: role of LDL receptor upregulation. Oncotarget, 2013, 4, 1804-1818.	0.8	42
89	Selective overexpression of human SIRT1 in adipose tissue enhances energy homeostasis and prevents the deterioration of insulin sensitivity with ageing in mice. American Journal of Translational Research (discontinued), 2013, 5, 412-26.	0.0	29
90	APPL1 potentiates insulin secretion in pancreatic β cells by enhancing protein kinase Akt-dependent expression of SNARE proteins in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8919-8924.	3.3	69

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91	Lipocalin-2 Induces Cardiomyocyte Apoptosis by Increasing Intracellular Iron Accumulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 4808-4817.	1.6	110
92	Differential genomic changes caused by cholesterol- and PUFA-rich diets in regenerated porcine coronary endothelial cells. <i>Physiological Genomics</i> , 2012, 44, 551-561.	1.0	13
93	Cyclin-Dependent Kinase 5-Mediated Hyperphosphorylation of Sirtuin-1 Contributes to the Development of Endothelial Senescence and Atherosclerosis. <i>Circulation</i> , 2012, 126, 729-740.	1.6	89
94	Metabolic actions of FGF21: molecular mechanisms and therapeutic implications. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 350-357.	5.7	25
95	Uncoupling Protein-2 Protects Endothelial Function in Diet-Induced Obese Mice. <i>Circulation Research</i> , 2012, 110, 1211-1216.	2.0	124
96	Toll-like receptor-4 mediates obesity-induced non-alcoholic steatohepatitis through activation of X-box binding protein-1 in mice. <i>Gut</i> , 2012, 61, 1058-1067.	6.1	169
97	SIRT1 in metabolic syndrome: <i>Where to target matters.</i> , 2012, 136, 305-318.		46
98	Upregulation of UCP2 by Adiponectin: The Involvement of Mitochondrial Superoxide and hnRNP K. <i>PLoS ONE</i> , 2012, 7, e32349.	1.1	31
99	The Activities of Lysyl Hydroxylase 3 (LH3) Regulate the Amount and Oligomerization Status of Adiponectin. <i>PLoS ONE</i> , 2012, 7, e50045.	1.1	13
100	Unraveling the resistance of microbial biofilms: Has proteomics been helpful?. <i>Proteomics</i> , 2012, 12, 651-665.	1.3	54
101	Small lipid-binding proteins in regulating endothelial and vascular functions: focusing on adipocyte fatty acid binding protein and lipocalin-2. <i>British Journal of Pharmacology</i> , 2012, 165, 603-621.	2.7	62
102	Lipocalin-2 deficiency prevents endothelial dysfunction associated with dietary obesity: role of cytochrome P450 2C inhibition. <i>British Journal of Pharmacology</i> , 2012, 165, 520-531.	2.7	57
103	Emerging clinical and experimental evidence for the role of lipocalin-2 in metabolic syndrome. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 194-199.	0.9	52
104	A highly conserved tryptophan in the N-terminal variable domain regulates disulfide bond formation and oligomeric assembly of adiponectin. <i>FEBS Journal</i> , 2012, 279, 2495-2507.	2.2	10
105	Lipocalin-2 mediates linoleic acid-induced endothelial dysfunction. <i>FASEB Journal</i> , 2012, 26, 840.9.	0.2	0
106	Improved functional recovery to I/R injury in hearts from lipocalin-2 deficiency mice: restoration of mitochondrial function and phospholipids remodeling. <i>American Journal of Translational Research (discontinued)</i> , 2012, 4, 60-71.	0.0	20
107	Akt blocks the tumor suppressor activity of LKB1 by promoting phosphorylation-dependent nuclear retention through 14-3-3 proteins. <i>American Journal of Translational Research (discontinued)</i> , 2012, 4, 175-86.	0.0	12
108	Differential proteomic responses in hepatopancreas and adductor muscles of the green-lipped mussel <i>Perna viridis</i> to stresses induced by cadmium and hydrogen peroxide. <i>Aquatic Toxicology</i> , 2011, 105, 49-61.	1.9	53

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109	Adiponectin Is Required for PPAR β -Mediated Improvement of Endothelial Function in Diabetic Mice. <i>Cell Metabolism</i> , 2011, 14, 104-115.	7.2	106
110	High level expression, purification and characterization of active fusion human C1q and tumor necrosis factor related protein 2 (hCTRP2) in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2011, 79, 1-6.	0.6	12
111	Frontal-Subcortical Protein Expression following Prenatal Exposure to Maternal Inflammation. <i>PLoS ONE</i> , 2011, 6, e16638.	1.1	25
112	Epigallocatechin Gallate Elicits Contractions of the Isolated Aorta of the Aged Spontaneously Hypertensive Rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 47-55.	1.2	10
113	<i>Porphyromonas gingivalis</i> lipopolysaccharide lipid A heterogeneity differentially modulates the expression of IL-6 and IL-8 in human gingival fibroblasts. <i>Journal of Clinical Periodontology</i> , 2011, 38, 694-701.	2.3	70
114	Large-scale production, purification and bioactivity assay of recombinant human interleukin-6 in the methylotrophic yeast <i>Pichia pastoris</i> . <i>FEMS Yeast Research</i> , 2011, 11, 160-167.	1.1	18
115	SIRT1 and AMPK in regulating mammalian senescence: A critical review and a working model. <i>FEBS Letters</i> , 2011, 585, 986-994.	1.3	147
116	Skeletal phenotype of the leptin receptor-deficient mouse. <i>Journal of Bone and Mineral Research</i> , 2011, 26, 1698-1709.	3.1	98
117	New aromatic substituted pyrazoles as selective inhibitors of human adipocyte fatty acid-binding protein. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2949-2952.	1.0	26
118	Circadian Rhythm of Circulating Fibroblast Growth Factor 21 Is Related to Diurnal Changes in Fatty Acids in Humans. <i>Clinical Chemistry</i> , 2011, 57, 691-700.	1.5	147
119	Upregulation of Heme Oxygenase 1 by Hemin Impairs Endothelium-Dependent Contractions in the Aorta of the Spontaneously Hypertensive Rat. <i>Hypertension</i> , 2011, 58, 926-934.	1.3	22
120	APPL1 Counteracts Obesity-Induced Vascular Insulin Resistance and Endothelial Dysfunction by Modulating the Endothelial Production of Nitric Oxide and Endothelin-1 in Mice. <i>Diabetes</i> , 2011, 60, 3044-3054.	0.3	60
121	Carnitine palmitoyltransferase 1A prevents fatty acid-induced adipocyte dysfunction through suppression of c-Jun N-terminal kinase. <i>Biochemical Journal</i> , 2011, 435, 723-732.	1.7	56
122	Fibroblast Growth Factor 21 Induces Glucose Transporter-1 Expression through Activation of the Serum Response Factor/Ets-Like Protein-1 in Adipocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 34533-34541.	1.6	135
123	Adiponectin. , 2011, , 67-71.		0
124	The gold (III) porphyrin complex, gold-2a, suppresses WNT1 expression in breast cancer cells by enhancing the promoter association of YY1. <i>American Journal of Translational Research (discontinued)</i> , 2011, 3, 479-91.	0.0	2
125	The use of lorcaserin in the management of obesity: a critical appraisal. <i>Drug Design, Development and Therapy</i> , 2010, 5, 1.	2.0	12
126	Appl1 is essential for the survival of <i>Xenopus</i> pancreas, duodenum, and stomach progenitor cells. <i>Developmental Dynamics</i> , 2010, 239, 2198-2207.	0.8	15

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127	Proteomics of drug resistance in <i>Candida glabrata</i> biofilms. <i>Proteomics</i> , 2010, 10, 1444-1454.	1.3	65
128	A Gold(III) Porphyrin Complex with Antitumor Properties Targets the Wnt/ β -catenin Pathway. <i>Cancer Research</i> , 2010, 70, 329-337.	0.4	92
129	Lipocalin-2 Deficiency Attenuates Insulin Resistance Associated With Aging and Obesity. <i>Diabetes</i> , 2010, 59, 872-882.	0.3	252
130	Senescence of Cultured Porcine Coronary Arterial Endothelial Cells Is Associated with Accelerated Oxidative Stress and Activation of NF κ B. <i>Journal of Vascular Research</i> , 2010, 47, 287-298.	0.6	70
131	Adipocyte Fatty Acid-binding Protein Modulates Inflammatory Responses in Macrophages through a Positive Feedback Loop Involving c-Jun NH2-terminal Kinases and Activator Protein-1. <i>Journal of Biological Chemistry</i> , 2010, 285, 10273-10280.	1.6	136
132	Adipose Tissue-specific Inhibition of Hypoxia-inducible Factor 1 α Induces Obesity and Glucose Intolerance by Impeding Energy Expenditure in Mice*. <i>Journal of Biological Chemistry</i> , 2010, 285, 32869-32877.	1.6	98
133	SIRT1 Promotes Proliferation and Prevents Senescence Through Targeting LKB1 in Primary Porcine Aortic Endothelial Cells. <i>Circulation Research</i> , 2010, 106, 1384-1393.	2.0	265
134	Rosiglitazone promotes fatty acyl CoA accumulation and excessive glycogen storage in livers of mice without adiponectin. <i>Journal of Hepatology</i> , 2010, 53, 1108-1116.	1.8	22
135	Vascular Actions of Adipokines. <i>Advances in Pharmacology</i> , 2010, 60, 229-255.	1.2	49
136	Adiponectin Haploinsufficiency Promotes Mammary Tumor Development in MMTV-PyVT Mice by Modulation of Phosphatase and Tensin Homolog Activities. <i>PLoS ONE</i> , 2009, 4, e4968.	1.1	75
137	Major Urinary Protein-1 Increases Energy Expenditure and Improves Glucose Intolerance through Enhancing Mitochondrial Function in Skeletal Muscle of Diabetic Mice. <i>Journal of Biological Chemistry</i> , 2009, 284, 14050-14057.	1.6	120
138	A Highly Conserved Motif within the NH2-terminal Coiled-coil Domain of Angiopoietin-like Protein 4 Confers Its Inhibitory Effects on Lipoprotein Lipase by Disrupting the Enzyme Dimerization. <i>Journal of Biological Chemistry</i> , 2009, 284, 11942-11952.	1.6	103
139	Serum Zinc- α 2-Glycoprotein Correlates with Adiposity, Triglycerides, and the Key Components of the Metabolic Syndrome in Chinese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 2531-2536.	1.8	74
140	In Vitro and in Vivo Effects of Adiponectin on Bone. <i>Endocrinology</i> , 2009, 150, 3603-3610.	1.4	190
141	Selective Elevation of Adiponectin Production by the Natural Compounds Derived from a Medicinal Herb Alleviates Insulin Resistance and Glucose Intolerance in Obese Mice. <i>Endocrinology</i> , 2009, 150, 625-633.	1.4	86
142	Identification and characterization of proteins interacting with SIRT1 and SIRT3: implications in the anti-aging and metabolic effects of sirtuins. <i>Proteomics</i> , 2009, 9, 2444-2456.	1.3	105
143	APPL1 Potentiates Insulin-Mediated Inhibition of Hepatic Glucose Production and Alleviates Diabetes via Akt Activation in Mice. <i>Cell Metabolism</i> , 2009, 9, 417-427.	7.2	118
144	Protective roles of adiponectin in obesity-related fatty liver diseases: mechanisms and therapeutic implications. <i>Arquivos Brasileiros De Endocrinologia E Metabologia</i> , 2009, 53, 201-212.	1.3	72

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145	<i>Candida albicans</i> biofilm formation is associated with increased anti-oxidative capacities. <i>Proteomics</i> , 2008, 8, 2936-2947.	1.3	86
146	Mitochondrial dysfunction contributes to the increased vulnerabilities of adiponectin knockout mice to liver injury. <i>Hepatology</i> , 2008, 48, 1087-1096.	3.6	75
147	No Evidence of an Effect of Alterations in Dietary Fatty Acids on Fasting Adiponectin Over 3 Weeks. <i>Obesity</i> , 2008, 16, 592-599.	1.5	23
148	Postprandial response of adiponectin, interleukin-6, tumor necrosis factor- α , and C-reactive protein to a high-fat dietary load. <i>Nutrition</i> , 2008, 24, 322-329.	1.1	99
149	Post-translational modifications of adiponectin: mechanisms and functional implications. <i>Biochemical Journal</i> , 2008, 409, 623-633.	1.7	346
150	Structural Polymorphism of Oligomeric Adiponectin Visualized by Electron Microscopy. <i>Journal of Molecular Biology</i> , 2008, 381, 419-430.	2.0	31
151	Moderate Wine Consumption in the Prevention of Metabolic Syndrome and its Related Medical Complications. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2008, 8, 89-98.	0.6	43
152	Epidermal fatty-acid-binding protein: a new circulating biomarker associated with cardio-metabolic risk factors and carotid atherosclerosis. <i>European Heart Journal</i> , 2008, 29, 2156-2163.	1.0	38
153	Biomarker Discovery in Clinical Proteomics: Strategies for Exposing Low Abundant Proteins. <i>Current Proteomics</i> , 2008, 5, 104-114.	0.1	4
154	Suppression of the Raf/MEK/ERK Signaling Cascade and Inhibition of Angiogenesis by the Carboxyl Terminus of Angiopoietin-Like Protein 4. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 835-840.	1.1	102
155	Adiponectin stimulates Wnt inhibitory factor-1 expression through epigenetic regulations involving the transcription factor specificity protein 1. <i>Carcinogenesis</i> , 2008, 29, 2195-2202.	1.3	53
156	Serum Adipocyte Fatty Acid-Binding Protein as a New Biomarker Predicting the Development of Type 2 Diabetes. <i>Diabetes Care</i> , 2007, 30, 2667-2672.	4.3	251
157	Overexpression of Angiopoietin-Like Protein 4 Alters Mitochondria Activities and Modulates Methionine Metabolic Cycle in the Liver Tissues of db/db Diabetic Mice. <i>Molecular Endocrinology</i> , 2007, 21, 972-986.	3.7	43
158	Adiponectin-Induced Endothelial Nitric Oxide Synthase Activation and Nitric Oxide Production Are Mediated by APPL1 in Endothelial Cells. <i>Diabetes</i> , 2007, 56, 1387-1394.	0.3	290
159	Globular and full-length forms of adiponectin mediate specific changes in glucose and fatty acid uptake and metabolism in cardiomyocytes. <i>Cardiovascular Research</i> , 2007, 75, 148-157.	1.8	94
160	Circulating Adipocyte Fatty Acid Binding Protein Levels Predict the Development of the Metabolic Syndrome. <i>Circulation</i> , 2007, 115, 1537-1543.	1.6	317
161	Lipocalin-2 Is an Inflammatory Marker Closely Associated with Obesity, Insulin Resistance, and Hyperglycemia in Humans. <i>Clinical Chemistry</i> , 2007, 53, 34-41.	1.5	474
162	Reversal of diabetes-evoked changes in mitochondrial protein expression of cardiac left ventricle by treatment with a copper(II)-selective chelator. <i>Proteomics - Clinical Applications</i> , 2007, 1, 387-399.	0.8	23

#	ARTICLE	IF	CITATIONS
163	Adiponectin as a negative regulator in obesity-related mammary carcinogenesis. <i>Cell Research</i> , 2007, 17, 280-282.	5.7	50
164	Adiponectin. , 2007, , 47-59.		3
165	Post-translational Modifications of the Four Conserved Lysine Residues within the Collagenous Domain of Adiponectin Are Required for the Formation of Its High Molecular Weight Oligomeric Complex. <i>Journal of Biological Chemistry</i> , 2006, 281, 16391-16400.	1.6	222
166	Hypoxia dysregulates the production of adiponectin and plasminogen activator inhibitor-1 independent of reactive oxygen species in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 549-556.	1.0	203
167	Proteomic characterization of human serum proteins associated with the fat-derived hormone adiponectin. <i>Proteomics</i> , 2006, 6, 3862-3870.	1.3	52
168	Adiponectin as a therapeutic target for obesity-related metabolic and cardiovascular disorders. <i>Drug Development Research</i> , 2006, 67, 677-686.	1.4	13
169	Adiponectin Modulates the Glycogen Synthase Kinase-3 β -Catenin Signaling Pathway and Attenuates Mammary Tumorigenesis of MDA-MB-231 Cells in Nude Mice. <i>Cancer Research</i> , 2006, 66, 11462-11470.	0.4	262
170	Adipocyte Fatty Acid-Binding Protein Is a Plasma Biomarker Closely Associated with Obesity and Metabolic Syndrome. <i>Clinical Chemistry</i> , 2006, 52, 405-413.	1.5	517
171	Adiponectin Inhibits Cell Proliferation by Interacting with Several Growth Factors in an Oligomerization-dependent Manner. <i>Journal of Biological Chemistry</i> , 2005, 280, 18341-18347.	1.6	342
172	Angiopoietin-like protein 4 decreases blood glucose and improves glucose tolerance but induces hyperlipidemia and hepatic steatosis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6086-6091.	3.3	290
173	Testosterone Selectively Reduces the High Molecular Weight Form of Adiponectin by Inhibiting Its Secretion from Adipocytes. <i>Journal of Biological Chemistry</i> , 2005, 280, 18073-18080.	1.6	357
174	Proteomic analysis of adipocyte differentiation: Evidence that β_2 macroglobulin is involved in the adipose conversion of 3T3 L1 preadipocytes. <i>Proteomics</i> , 2004, 4, 1840-1848.	1.3	32
175	Proteomic and functional characterization of endogenous adiponectin purified from fetal bovine serum. <i>Proteomics</i> , 2004, 4, 3933-3942.	1.3	69
176	Chronic treatment with growth hormone stimulates adiponectin gene expression in 3T3-L1 adipocytes. <i>FEBS Letters</i> , 2004, 572, 129-134.	1.3	30
177	The fat-derived hormone adiponectin alleviates alcoholic and nonalcoholic fatty liver diseases in mice. <i>Journal of Clinical Investigation</i> , 2003, 112, 91-100.	3.9	975
178	The fat-derived hormone adiponectin alleviates alcoholic and nonalcoholic fatty liver diseases in mice. <i>Journal of Clinical Investigation</i> , 2003, 112, 91-100.	3.9	560
179	Hydroxylation and Glycosylation of the Four Conserved Lysine Residues in the Collagenous Domain of Adiponectin. <i>Journal of Biological Chemistry</i> , 2002, 277, 19521-19529.	1.6	298
180	Identification of novel putative membrane proteins selectively expressed during adipose conversion of 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1161-1167.	1.0	48

#	ARTICLE	IF	CITATIONS
181	Protein Kinase C β -mediated Negative Feedback Regulation Is Responsible for the Termination of Insulin-like Growth Factor I-induced Activation of Nuclear Phospholipase C β 1 in Swiss 3T3 Cells. Journal of Biological Chemistry, 2001, 276, 14980-14986.	1.6	49
182	Amylin evokes phosphorylation of P20 in rat skeletal muscle. FEBS Letters, 1999, 457, 149-152.	1.3	4
183	Insulin and insulin antagonists evoke phosphorylation of P20 at serine 157 and serine 16 respectively in rat skeletal muscle. FEBS Letters, 1999, 462, 25-30.	1.3	25
184	Phosphorylation of P20 is associated with the actions of insulin in rat skeletal and smooth muscle. Biochemical Journal, 1999, 344, 971-976.	1.7	15
185	Phosphorylation of P20 is associated with the actions of insulin in rat skeletal and smooth muscle. Biochemical Journal, 1999, 344, 971.	1.7	8
186	Targeting Endothelial SIRT1 for the Prevention of Arterial Aging. , 0, , .		1
187	SIRT1 and Autophagy: Implications in Endocrine Disorders. Frontiers in Endocrinology, 0, 13, .	1.5	25