

# Aimin Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

415  
papers

29,497  
citations

3531

90  
h-index

7745

150  
g-index

418  
all docs

418  
docs citations

418  
times ranked

33833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human cytomegalovirus infection is associated with stroke in women: the US National Health and Nutrition Examination Survey 1999–2004. <i>Postgraduate Medical Journal</i> , 2022, 98, 172-176.	1.8	5
2	Another Kid on the Block: Long-acting FGF21 Analogue to Treat Dyslipidemia and Fatty Liver. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e417-e419.	3.6	4
3	PM20D1 is a circulating biomarker closely associated with obesity, insulin resistance and metabolic syndrome. <i>European Journal of Endocrinology</i> , 2022, 186, 151-161.	3.7	9
4	Mendelian randomization analysis of vitamin D in the secondary prevention of hypertensive-diabetic subjects: role of facilitating blood pressure control. <i>Genes and Nutrition</i> , 2022, 17, 1.	2.5	6
5	Type 2 innate immunity drives distinct neonatal immune profile conducive for heart regeneration. <i>Theranostics</i> , 2022, 12, 1161-1172.	10.0	6
6	ACE2 pathway regulates thermogenesis and energy metabolism. <i>ELife</i> , 2022, 11, .	6.0	6
7	Clusterin is involved in mediating the metabolic function of adipose SIRT1. <i>IScience</i> , 2022, 25, 103709.	4.1	3
8	Hepatic PRMT1 ameliorates diet-induced hepatic steatosis via induction of PGC1 $\beta$ . <i>Theranostics</i> , 2022, 12, 2502-2518.	10.0	11
9	Differential effects of macrophage subtypes on SARS-CoV-2 infection in a human pluripotent stem cell-derived model. <i>Nature Communications</i> , 2022, 13, 2028.	12.8	34
10	$\beta$ -Klotho promotes glycolysis and glucose-stimulated insulin secretion via GP130. <i>Nature Metabolism</i> , 2022, 4, 608-626.	11.9	12
11	Connexin43 Overexpression Exacerbates Myocardial Ischemic Reperfusion Injury in Diabetes via Modulating Cardiac Autophagy. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
12	Serum Thrombospondin-2 Levels Are Closely Associated With the Severity of Metabolic Syndrome and Metabolic Associated Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3230-e3240.	3.6	13
13	Hepatic MDM2 Causes Metabolic Associated Fatty Liver Disease by Blocking Triglyceride/VLDL Secretion via ApoB Degradation. <i>Advanced Science</i> , 2022, 9, e2200742.	11.2	9
14	MicroRNA-503 Exacerbates Myocardial Ischemia/Reperfusion Injury via Inhibiting PI3K/Akt- and STAT3-Dependent Prosurvival Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 1-17.	4.0	3
15	Risk assessment with gut microbiome and metabolite markers in NAFLD development. <i>Science Translational Medicine</i> , 2022, 14, .	12.4	50
16	Mesenchymal stem cell-derived extracellular vesicles for immunomodulation and regeneration: a next generation therapeutic tool?. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	114
17	Modelling gestational diabetes mellitus: large animals hold great promise. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021, 22, 407-420.	5.7	3
18	Deficiency of telomere-associated repressor activator protein 1 precipitates cardiac aging in mice via p53/PPAR $\beta$ signaling. <i>Theranostics</i> , 2021, 11, 4710-4727.	10.0	18

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19	AdipoRon Treatment Induces a Dose-Dependent Response in Adult Hippocampal Neurogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2068.	4.1	11
20	Adipose Extracellular Vesicles in Intercellular and Inter-Organ Crosstalk in Metabolic Health and Diseases. <i>Frontiers in Immunology</i> , 2021, 12, 608680.	4.8	53
21	Frequency, clinical features, inflammatory cytokines and genetic background of latent autoimmune diabetes in youth in youth-onset type 2 diabetes: Results from a nationwide, multicentre, clinic-based, cross-sectional study (LADA China). <i>Diabetes, Obesity and Metabolism</i> , 2021, 23, 1282-1291.	4.4	5
22	Adiponectin-expressing Treg facilitate T lymphocyte development in thymic nurse cell complexes. <i>Communications Biology</i> , 2021, 4, 344.	4.4	11
23	Adipocyte Fatty Acid Binding Protein Promotes the Onset and Progression of Liver Fibrosis via Mediating the Crosstalk between Liver Sinusoidal Endothelial Cells and Hepatic Stellate Cells. <i>Advanced Science</i> , 2021, 8, e2003721.	11.2	35
24	Fatty acid binding protein 4 promotes autoimmune diabetes by recruitment and activation of pancreatic islet macrophages. <i>JCI Insight</i> , 2021, 6, .	5.0	15
25	Decreased Abundance of <i>Akkermansia muciniphila</i> Leads to the Impairment of Insulin Secretion and Glucose Homeostasis in Lean Type 2 Diabetes. <i>Advanced Science</i> , 2021, 8, e2100536.	11.2	68
26	Chronic AdipoRon Treatment Mimics the Effects of Physical Exercise on Restoring Hippocampal Neuroplasticity in Diabetic Mice. <i>Molecular Neurobiology</i> , 2021, 58, 4666-4681.	4.0	16
27	Intercellular and inter-organ crosstalk in browning of white adipose tissue: molecular mechanism and therapeutic complications. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 466-479.	3.3	8
28	Circulating Thrombospondin-2 as a Novel Fibrosis Biomarker of Nonalcoholic Fatty Liver Disease in Type 2 Diabetes. <i>Diabetes Care</i> , 2021, 44, 2089-2097.	8.6	27
29	The relationship of neutrophil elastase and proteinase 3 with risk factors, and chronic complications in type 2 diabetes: A Fenofibrate Intervention and Event Lowering in Diabetes (FIELD) sub-study. <i>Diabetes and Vascular Disease Research</i> , 2021, 18, 147916412110325.	2.0	3
30	TLR5 Supports Development of Placental Labyrinthine Zone in Mice. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 711253.	3.7	1
31	Microecological preparation combined with an modified low-carbon diet improves glucolipid metabolism and cardiovascular complication in obese patients. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 77.	2.7	6
32	Prospective association of serum adipocyte fatty acid-binding protein with heart failure hospitalization in diabetes. <i>ESC Heart Failure</i> , 2021, 8, 3964-3974.	3.1	2
33	A-FABP in Metabolic Diseases and the Therapeutic Implications: An Update. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9386.	4.1	15
34	Mendelian Randomization Focused Analysis of Vitamin D on the Secondary Prevention of Ischemic Stroke. <i>Stroke</i> , 2021, 52, 3926-3937.	2.0	16
35	Association between FGF19, FGF21 and lipocalin-2, and diabetes progression in PCOS. <i>Endocrine Connections</i> , 2021, 10, 1243-1252.	1.9	6
36	Adipose MDM2 regulates systemic insulin sensitivity. <i>Scientific Reports</i> , 2021, 11, 21839.	3.3	7

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37	Ultrasensitive detection of blood biomarkers of Alzheimer's and Parkinson's diseases: a systematic review. <i>Biomarkers in Medicine</i> , 2021, 15, 1693-1708.	1.4	2
38	The impact of different adipose depots on cardiovascular disease. <i>Journal of Cardiovascular Pharmacology</i> , 2021, Publish Ahead of Print, .	1.9	5
39	Piezo1 and Piezo2 foster mechanical gating of K2P channels. <i>Cell Reports</i> , 2021, 37, 110070.	6.4	10
40	The APPL1-Rab5 axis restricts NLRP3 inflammasome activation through early endosomal-dependent mitophagy in macrophages. <i>Nature Communications</i> , 2021, 12, 6637.	12.8	35
41	Editorial: The Immunomodulatory Roles of Adipocytes. <i>Frontiers in Immunology</i> , 2021, 12, 827281.	4.8	3
42	Mitochondrial uncoupling protein 1 antagonizes atherosclerosis by blocking NLRP3 inflammasome-dependent interleukin-1 $\beta$ production. <i>Science Advances</i> , 2021, 7, eabl4024.	10.3	27
43	Lipocalin-2 Variants and Their Relationship With Cardio-Renal Risk Factors. <i>Frontiers in Endocrinology</i> , 2021, 12, 781763.	3.5	8
44	Focal TLR4 activation mediates disturbed flow-induced endothelial inflammation. <i>Cardiovascular Research</i> , 2020, 116, 226-236.	3.8	50
45	Divergent Roles of Kupffer Cell TLR2/3 Signaling in Alcoholic Liver Disease and the Protective Role of EGCG. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 145-160.	4.5	24
46	Lipocalin-2: The myth of its expression and function. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 142-151.	2.5	32
47	Obesity and Insulin Resistance Are Inversely Associated with Serum and Adipose Tissue Carotenoid Concentrations in Adults. <i>Journal of Nutrition</i> , 2020, 150, 38-46.	2.9	45
48	Gut Microbiome Fermentation Determines the Efficacy of Exercise for Diabetes Prevention. <i>Cell Metabolism</i> , 2020, 31, 77-91.e5.	16.2	223
49	Relationships of adipocyte-fatty acid binding protein and lipocalin 2 with risk factors and chronic complications in type 2 diabetes and effects of fenofibrate: A fenofibrate Intervention and event lowering in diabetes sub-study. <i>Diabetes Research and Clinical Practice</i> , 2020, 169, 108450.	2.8	6
50	The therapeutic potential of FGF21 in metabolic diseases: from bench to clinic. <i>Nature Reviews Endocrinology</i> , 2020, 16, 654-667.	9.6	280
51	Possible Modifying Effect of Hemoglobin A1c on Genetic Susceptibility to Severe Diabetic Retinopathy in Patients With Type 2 Diabetes. , 2020, 61, 7.		3
52	PSCs Reveal PUFA-Provoked Mitochondrial Stress as a Central Node Potentiating RPE Degeneration in Bietti's Crystalline Dystrophy. <i>Molecular Therapy</i> , 2020, 28, 2642-2661.	8.2	23
53	Potential Involvement of Adiponectin Signaling in Regulating Physical Exercise-Elicited Hippocampal Neurogenesis and Dendritic Morphology in Stressed Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 189.	3.7	13
54	Up-regulation of FoxO1 contributes to adverse vascular remodelling in type 1 diabetic rats. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 13727-13738.	3.6	9

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55	The adaptor protein APPL2 controls glucose-stimulated insulin secretion via F-actin remodeling in pancreatic $\beta$ -cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28307-28315.	7.1	16
56	Gut Microbiota-Associated Activation of TLR5 Induces Apolipoprotein A1 Production in the Liver. <i>Circulation Research</i> , 2020, 127, 1236-1252.	4.5	32
57	APPL2 Negatively Regulates Olfactory Functions by Switching Fate Commitments of Neural Stem Cells in Adult Olfactory Bulb via Interaction with Notch1 Signaling. <i>Neuroscience Bulletin</i> , 2020, 36, 997-1008.	2.9	1
58	Fibroblast Growth Factor 19 Levels Predict Subclinical Atherosclerosis in Men With Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2020, 11, 282.	3.5	7
59	Predictable modulation of cancer treatment outcomes by the gut microbiota. <i>Microbiome</i> , 2020, 8, 28.	11.1	102
60	Response to Letter to the Editor: "Higher Circulating Adiponectin Concentrations Predict Incident Cancer in Type 2 Diabetes" The Adiponectin Paradox. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3498-e3499.	3.6	3
61	Higher Circulating Adiponectin Concentrations Predict Incident Cancer in Type 2 Diabetes "The Adiponectin Paradox. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1387-e1396.	3.6	14
62	Adipocyte fatty acid-binding protein exacerbates cerebral ischaemia injury by disrupting the blood-brain barrier. <i>European Heart Journal</i> , 2020, 41, 3169-3180.	2.2	54
63	The role of adipose tissue senescence in obesity- and ageing-related metabolic disorders. <i>Clinical Science</i> , 2020, 134, 315-330.	4.3	71
64	Neutrophil elastase triggers the development of autoimmune diabetes by exacerbating innate immune responses in pancreatic islets of non-obese diabetic mice. <i>Clinical Science</i> , 2020, 134, 1679-1696.	4.3	14
65	FOXO1 contributes to diabetic cardiomyopathy via inducing imbalanced oxidative metabolism in type 1 diabetes. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7850-7861.	3.6	42
66	Crystal structure of human APPL BAR-PH heterodimer reveals a flexible dimeric BAR curve: implication in mutual regulation of endosomal targeting. <i>Biochemical Journal</i> , 2020, 477, 4769-4783.	3.7	0
67	Compromised AMPK-PGC1 $\alpha$ Axis Exacerbated Steatotic Graft Injury by Dysregulating Mitochondrial Homeostasis in Living Donor Liver Transplantation. <i>Annals of Surgery</i> , 2020, Publish Ahead of Print, .	4.2	8
68	Distinct neutrophil counts and functions in newly diagnosed type 1 diabetes, latent autoimmune diabetes in adults, and type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3064.	4.0	47
69	Adaptor protein APPL1 coordinates HDAC3 to modulate brown adipose tissue thermogenesis in mice. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153955.	3.4	7
70	Tbx15 is required for adipocyte browning induced by adrenergic signaling pathway. <i>Molecular Metabolism</i> , 2019, 28, 48-57.	6.5	18
71	Piezo Ion Channels in Cardiovascular Mechanobiology. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 956-970.	8.7	114
72	Linifanib exerts dual anti-obesity effect by regulating adipocyte browning and formation. <i>Life Sciences</i> , 2019, 222, 117-124.	4.3	8

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73	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, , .	0.3	2
74	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.	8.2	282
75	Longitudinal Changes in Insulin Resistance in Normal Weight, Overweight and Obese Individuals. <i>Journal of Clinical Medicine</i> , 2019, 8, 623.	2.4	10
76	miR-181c-5p Exacerbates Hypoxia/Reoxygenation-Induced Cardiomyocyte Apoptosis via Targeting PTPN4. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	44
77	Exercise Alleviates Obesity-Induced Metabolic Dysfunction via Enhancing FGF21 Sensitivity in Adipose Tissues. <i>Cell Reports</i> , 2019, 26, 2738-2752.e4.	6.4	115
78	Association of adipokines with hepatic steatosis and fibrosis in chronic hepatitis B patients on long-term nucleoside analogue. <i>Liver International</i> , 2019, 39, 1217-1225.	3.9	11
79	Seipin Knockout Mice Develop Heart Failure With Preserved Ejection Fraction. <i>JACC Basic To Translational Science</i> , 2019, 4, 924-937.	4.1	24
80	High-sensitivity troponin I and B-type natriuretic peptide biomarkers for prediction of cardiovascular events in patients with coronary artery disease with and without diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2019, 18, 171.	6.8	23
81	Loss of ubiquitin-conjugating enzyme E2 (Ubc9) in macrophages exacerbates multiple low-dose streptozotocin-induced diabetes by attenuating M2 macrophage polarization. <i>Cell Death and Disease</i> , 2019, 10, 892.	6.3	44
82	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.	3.8	32
83	High plasma FGF21 levels predicts major cardiovascular events in patients treated with atorvastatin (from the Treating to New Targets [TNT] Study). <i>Metabolism: Clinical and Experimental</i> , 2019, 93, 93-99.	3.4	24
84	Genetic Regulation of Pigment Epithelium-Derived Factor (PEDF): An Exome-Chip Association Analysis in Chinese Subjects With Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 198-206.	0.6	15
85	Resveratrol ameliorates endothelial dysfunction in diabetic and obese mice through sirtuin 1 and peroxisome proliferator-activated receptor $\gamma$ . <i>Pharmacological Research</i> , 2019, 139, 384-394.	7.1	61
86	ORO1-3 MicroRNA-34a-Mediated FGF21 Resistance in the Adipose Tissue Contributes to Insulin Resistance and Hypoadiponectinemia in Diet-Induced Obesity. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	3
87	Characterization of adiponectin-expressing cells in thymus. <i>FASEB Journal</i> , 2019, 33, 812.4.	0.5	0
88	Activation of hypothalamic RIP-cre neurons promotes beiging of WAT via sympathetic nervous system. <i>EMBO Reports</i> , 2018, 19, .	4.5	26
89	Baicalin Modulates APPL2/Glucocorticoid Receptor Signaling Cascade, Promotes Neurogenesis, and Attenuates Emotional and Olfactory Dysfunctions in Chronic Corticosterone-Induced Depression. <i>Molecular Neurobiology</i> , 2018, 55, 9334-9348.	4.0	44
90	FGF21 Prevents Angiotensin II-Induced Hypertension and Vascular Dysfunction by Activation of ACE2/Angiotensin-(1-7) Axis in Mice. <i>Cell Metabolism</i> , 2018, 27, 1323-1337.e5.	16.2	104

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91	Hepatic CREBZF couples insulin to lipogenesis by inhibiting insig activity and contributes to hepatic steatosis in diet-induced insulin-resistant mice. <i>Hepatology</i> , 2018, 68, 1361-1375.	7.3	37
92	FABP4 as a biomarker for knee osteoarthritis. <i>Biomarkers in Medicine</i> , 2018, 12, 107-118.	1.4	25
93	Fibroblast growth factor 21 increases insulin sensitivity through specific expansion of subcutaneous fat. <i>Nature Communications</i> , 2018, 9, 272.	12.8	119
94	The natural compound, formononetin, extracted from <i>Astragalus membranaceus</i> increases adipocyte thermogenesis by modulating PPAR $\gamma$ activity. <i>British Journal of Pharmacology</i> , 2018, 175, 1439-1450.	5.4	44
95	Adaptor Protein APPL2 Affects Adult Antidepressant Behaviors and Hippocampal Neurogenesis via Regulating the Sensitivity of Glucocorticoid Receptor. <i>Molecular Neurobiology</i> , 2018, 55, 5537-5547.	4.0	16
96	Local enrichment of fatty acid-binding protein 4 in the pericardial cavity of cardiovascular disease patients. <i>PLoS ONE</i> , 2018, 13, e0206802.	2.5	7
97	From Hyper- to Hypoinsulinemia and Diabetes: Effect of KCNH6 on Insulin Secretion. <i>Cell Reports</i> , 2018, 25, 3800-3810.e6.	6.4	33
98	Adiponectin Mediates Running-Restored Hippocampal Neurogenesis in Streptozotocin-Induced Type 1 Diabetes in Mice. <i>Frontiers in Neuroscience</i> , 2018, 12, 679.	2.8	27
99	Age-Biomarkers-Clinical Risk Factors for Prediction of Cardiovascular Events in Patients With Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2519-2527.	2.4	28
100	Circulating adipocyte fatty acid-binding protein levels predict the development of subclinical atherosclerosis in type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2018, 32, 1100-1104.	2.3	12
101	Low-Frequency Intermittent Hypoxia Promotes Subcutaneous Adipogenic Differentiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	4.0	6
102	No Protective Effect of Constitutive Activation of AMPK in Endothelial Cells on Vascular Function in Aged Obese Mice but Augmented $\beta$ 1-Adrenergic Contractions in Renal Arteries Reversible by Weight Loss. <i>Journal of Vascular Research</i> , 2018, 55, 189-202.	1.4	1
103	Circulating Adipocyte Fatty Acid-Binding Protein Concentrations Predict Multiple Mortality Outcomes among Men and Women with Diabetes. <i>Clinical Chemistry</i> , 2018, 64, 1496-1504.	3.2	14
104	The Dysfunctional MDM2-p53 Axis in Adipocytes Contributes to Aging-Related Metabolic Complications by Induction of Lipodystrophy. <i>Diabetes</i> , 2018, 67, 2397-2409.	0.6	36
105	EP4 emerges as a novel regulator of bile acid synthesis and its activation protects against hypercholesterolemia. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1029-1040.	2.4	7
106	Lipocalin-2 derived from adipose tissue mediates aldosterone-induced renal injury. <i>JCI Insight</i> , 2018, 3, .	5.0	25
107	Prostaglandin E receptor subtype 4 regulates bile acid synthesis and its activation protects against hypercholesterolemia. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-6-11.	0.0	0
108	Adiponectin regulates T cell maturation by modulating the thymic epithelial environment. <i>FASEB Journal</i> , 2018, 32, 696.4.	0.5	0

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109	Deletion of Rap1 Increases Atherosclerosis Development in ApoE <sup>-/-</sup> Mice by Increasing Macrophage Infiltration and Foam Cell Formation. <i>FASEB Journal</i> , 2018, 32, 568.4.	0.5	0
110	Metabolic Profiling of Serum Reveals Significant Changes in Lipid and Amino Acid Metabolism in A Lipodystrophy Mouse Model. <i>FASEB Journal</i> , 2018, 32, lb576.	0.5	0
111	Computational analyses of type 2 diabetes-associated loci identified by genome-wide association studies. <i>Journal of Diabetes</i> , 2017, 9, 362-377.	1.8	16
112	Adipocyte Fatty Acid Binding Protein Potentiates Toxic Lipids-Induced Endoplasmic Reticulum Stress in Macrophages via Inhibition of Janus Kinase 2-dependent Autophagy. <i>Scientific Reports</i> , 2017, 7, 40657.	3.3	26
113	A-FABP mediates adaptive thermogenesis by promoting intracellular activation of thyroid hormones in brown adipocytes. <i>Nature Communications</i> , 2017, 8, 14147.	12.8	77
114	Brown Adipogenic Reprogramming Induced by a Small Molecule. <i>Cell Reports</i> , 2017, 18, 624-635.	6.4	48
115	Endothelial overexpression of endothelin-1 modulates aortic, carotid, iliac and renal arterial responses in obese mice. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 498-512.	6.1	9
116	Adipocyte SIRT1 controls systemic insulin sensitivity by modulating macrophages in adipose tissue. <i>EMBO Reports</i> , 2017, 18, 645-657.	4.5	78
117	An Exome-Chip Association Analysis in Chinese Subjects Reveals a Functional Missense Variant of <i>GCKR</i> That Regulates FGF21 Levels. <i>Diabetes</i> , 2017, 66, 1723-1728.	0.6	11
118	Urine Proteome Specific for Eye Damage Can Predict Kidney Damage in Patients With Type 2 Diabetes: A Case-Control and a 5.3-Year Prospective Cohort Study. <i>Diabetes Care</i> , 2017, 40, 253-260.	8.6	32
119	Notch Inhibitor PF-03084014 Inhibits Hepatocellular Carcinoma Growth and Metastasis via Suppression of Cancer Stemness due to Reduced Activation of Notch1-Stat3. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1531-1543.	4.1	64
120	Long-term consumption of caffeine-free high sucrose cola beverages aggravates the pathogenesis of EAE in mice. <i>Cell Discovery</i> , 2017, 3, 17020.	6.7	21
121	Role of Circulating Fibroblast Growth Factor 21 Measurement in Primary Prevention of Coronary Heart Disease Among Chinese Patients With Type 2 Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	29
122	Baseline Circulating FGF21 Concentrations and Increase after Fenofibrate Treatment Predict More Rapid Glycemic Progression in Type 2 Diabetes: Results from the FIELD Study. <i>Clinical Chemistry</i> , 2017, 63, 1261-1270.	3.2	11
123	The Potential Role of Fibroblast Growth Factor 21 in Lipid Metabolism and Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 28.	3.5	52
124	ANGPTL8 (Betatrophin) is Expressed in Visceral Adipose Tissue and Relates to Human Hepatic Steatosis in Two Independent Clinical Collectives. <i>Hormone and Metabolic Research</i> , 2017, 49, 343-349.	1.5	24
125	APPL1 prevents pancreatic beta cell death and inflammation by dampening NF $\kappa$ B activation in a mouse model of type 1 diabetes. <i>Diabetologia</i> , 2017, 60, 464-474.	6.3	16
126	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.	16.2	113



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127	TRIF-dependent Toll-like receptor signaling suppresses <i>Scd1</i> transcription in hepatocytes and prevents diet-induced hepatic steatosis. <i>Science Signaling</i> , 2017, 10, .	3.6	16
128	Marine collagen peptides reduce endothelial cell injury in diabetic rats by inhibiting apoptosis and the expression of coupling factor 6 and microparticles. <i>Molecular Medicine Reports</i> , 2017, 16, 3947-3957.	2.4	12
129	Gut-homing $\gamma\delta$ T cells promote innate mucosal damage via TLR4 during acute HIV type 1 infection. <i>Nature Microbiology</i> , 2017, 2, 1389-1402.	13.3	13
130	Adiponectin Potentially Contributes to the Antidepressive Effects of Baduanjin Qigong Exercise in Women with Chronic Fatigue Syndrome-Like Illness. <i>Cell Transplantation</i> , 2017, 26, 493-501.	2.5	43
131	Lowered fasting chenodeoxycholic acid correlated with the decrease of fibroblast growth factor 19 in Chinese subjects with impaired fasting glucose. <i>Scientific Reports</i> , 2017, 7, 6042.	3.3	8
132	Measuring non-polyaminated lipocalin for cardiometabolic risk assessment. <i>ESC Heart Failure</i> , 2017, 4, 563-575.	3.1	14
133	Effects of marine collagen peptides on glucose metabolism and insulin resistance in type 2 diabetic rats. <i>Journal of Food Science and Technology</i> , 2017, 54, 2260-2269.	2.8	29
134	Visualization and Quantification of Browning Using a <i>Ucp1</i> -2A-Luciferase Knock-in Mouse Model. <i>Diabetes</i> , 2017, 66, 407-417.	0.6	35
135	Exome-chip association analysis reveals an Asian-specific missense variant in PAX4 associated with type 2 diabetes in Chinese individuals. <i>Diabetologia</i> , 2017, 60, 107-115.	6.3	19
136	Adiponectin Suppresses T Helper 17 Cell Differentiation and Limits Autoimmune CNS Inflammation via the SIRT1/PPAR $\gamma$ /ROR $\gamma$ t Pathway. <i>Molecular Neurobiology</i> , 2017, 54, 4908-4920.	4.0	50
137	Serum fibroblast growth factor 21 is a superior biomarker to other adipokines in predicting incident diabetes. <i>Clinical Endocrinology</i> , 2017, 86, 37-43.	2.4	41
138	PPAR $\gamma$ Is Required for Exercise to Attenuate Endoplasmic Reticulum Stress and Endothelial Dysfunction in Diabetic Mice. <i>Diabetes</i> , 2017, 66, 519-528.	0.6	69
139	CDK1-PDK1-PI3K/Akt signaling pathway regulates embryonic and induced pluripotency. <i>Cell Death and Differentiation</i> , 2017, 24, 38-48.	11.2	88
140	Muscle Sympathetic Nerve Activity Is Associated with Liver Insulin Sensitivity in Obese Non-Diabetic Men. <i>Frontiers in Physiology</i> , 2017, 8, 101.	2.8	5
141	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
142	Impact of Genetic Loci Identified in Genome-Wide Association Studies on Diabetic Retinopathy in Chinese Patients With Type 2 Diabetes. , 2016, 57, 5518.		22
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