Yan Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Urinary element profiles and associations with cardiometabolic diseases: A cross-sectional study across ten areas in China. Environmental Research, 2022, 205, 112535.	7.5	7
2	Lactate Is a Key Mediator That Links Obesity to Insulin Resistance via Modulating Cytokine Production From Adipose Tissue. Diabetes, 2022, 71, 637-652.	0.6	24
3	Intermittent protein restriction protects islet β cells and improves glucose homeostasis in diabetic mice. Science Bulletin, 2022, 67, 733-747.	9.0	7
4	Intermittent caloric restriction with a modified fasting-mimicking diet ameliorates autoimmunity and promotes recovery in a mouse model of multiple sclerosis. Journal of Nutritional Biochemistry, 2021, 87, 108493.	4.2	30
5	Adipose tissue lipolysis is regulated by PAQR11 via altering protein stability of phosphodiesterase 4D. Molecular Metabolism, 2021, 47, 101182.	6.5	8
6	Gut Microbiota Composition is Associated with Responses to Peanut Intervention in Multiple Parameters Among Adults with Metabolic Syndrome Risk. Molecular Nutrition and Food Research, 2021, 65, e2001051.	3.3	6
7	High Fat Diet and High Cholesterol Diet Reduce Hepatic Vitamin Dâ€25â€Hydroxylase Expression and Serum 25â€Hydroxyvitamin D ₃ Level through Elevating Circulating Cholesterol, Glucose, and Insulin Levels. Molecular Nutrition and Food Research, 2021, 65, e2100220.	3.3	6
8	Intermittent administration of a fasting-mimicking diet reduces intestinal inflammation and promotes repair to ameliorate inflammatory bowel disease in mice. Journal of Nutritional Biochemistry, 2021, 96, 108785.	4.2	16
9	PAQR9 regulates hepatic ketogenesis and fatty acid oxidation during fasting by modulating protein stability of PPARα. Molecular Metabolism, 2021, 53, 101331.	6.5	6
10	PAQR11 modulates monocyteâ€ŧoâ€macrophage differentiation and pathogenesis of rheumatoid arthritis. Immunology, 2021, 163, 60-73.	4.4	12
11	Improvement of Nonâ€Alcoholic Fatty Liver Disease in Mice by Intermittent Use of a Fastingâ€Mimicking Diet. Molecular Nutrition and Food Research, 2021, 65, e2100381.	3.3	9
12	Autophagy inhibition prevents glucocorticoid-increased adiposity via suppressing BAT whitening. Autophagy, 2020, 16, 451-465.	9.1	59
13	Polyamine synthesis enzyme AMD1 is closely associated with tumorigenesis and prognosis of human gastric cancers. Carcinogenesis, 2020, 41, 214-222.	2.8	18
14	PAQR3 suppresses the growth of non-small cell lung cancer cells via modulation of EGFR-mediated autophagy. Autophagy, 2020, 16, 1236-1247.	9.1	52
15	CREBZF as a Key Regulator of STAT3 Pathway in the Control of Liver Regeneration in Mice. Hepatology, 2020, 71, 1421-1436.	7.3	32
16	Activation of GCN2/ATF4 signals in amygdalar PKC-δ neurons promotes WAT browning under leucine deprivation. Nature Communications, 2020, 11, 2847.	12.8	29
17	PAQR9 Modulates BAG6-mediated protein quality control of mislocalized membrane proteins. Biochemical Journal, 2020, 477, 477-489.	3.7	4
18	Gut epithelial TSC1/mTOR controls RIPK3-dependent necroptosis in intestinal inflammation and cancer. Journal of Clinical Investigation, 2020, 130, 2111-2128.	8.2	111

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19	Comparison of glycemic improvement between intermittent calorie restriction and continuous calorie restriction in diabetic mice. Nutrition and Metabolism, 2019, 16, 60.	3.0	15
20	PAQR3 modulates blood cholesterol level by facilitating interaction between LDLR and PCSK9. Metabolism: Clinical and Experimental, 2019, 94, 88-95.	3.4	10
21	Hepatic PPARα function is controlled by polyubiquitination and proteasomeâ€mediated degradation through the coordinated actions of PAQR3 and HUWE1. Hepatology, 2018, 68, 289-303.	7.3	40
22	PAQR4 has a tumorigenic effect in human breast cancers in association with reduced CDK4 degradation. Carcinogenesis, 2018, 39, 439-446.	2.8	24
23	PAQR3 Regulates Endoplasmic Reticulum-to-Golgi Trafficking of COPII Vesicle via Interaction with Sec13/Sec31 Coat Proteins. IScience, 2018, 9, 382-398.	4.1	13
24	Intermittent administration of a fasting-mimicking diet intervenes in diabetes progression, restores β cells and reconstructs gut microbiota in mice. Nutrition and Metabolism, 2018, 15, 80.	3.0	79
25	Application of a dye-based mitochondrion-thermometry to determine the receptor downstream of prostaglandin E2 involved in the regulation of hepatocyte metabolism. Scientific Reports, 2018, 8, 13065.	3.3	8
26	Gut microbiota mediates the anti-obesity effect of calorie restriction in mice. Scientific Reports, 2018, 8, 13037.	3.3	114
27	Ablation of PPP1R3G reduces glycogen deposition and mitigates high-fat diet induced obesity. Molecular and Cellular Endocrinology, 2017, 439, 133-140.	3.2	15
28	PAQR3 augments amino acid deprivation-induced autophagy by inhibiting mTORC1 signaling. Cellular Signalling, 2017, 33, 98-106.	3.6	9
29	Subcellular distribution of RAD23B controls XPC degradation and DNA damage repair in response to chemotherapy drugs. Cellular Signalling, 2017, 36, 108-116.	3.6	15
30	The steady-state level of CDK4 protein is regulated by antagonistic actions between PAQR4 and SKP2 and involved in tumorigenesis. Journal of Molecular Cell Biology, 2017, 9, 409-421.	3.3	28
31	A synthetic peptide hijacks the catalytic subunit of class I PI3K to suppress the growth of cancer cells. Cancer Letters, 2017, 405, 1-9.	7.2	7
32	PAQR3 suppresses the proliferation, migration and tumorigenicity of human prostate cancer cells. Oncotarget, 2017, 8, 53948-53958.	1.8	13
33	<scp>PAQR</scp> 3 controls autophagy by integrating <scp>AMPK</scp> signaling to enhance <scp>ATG</scp> 14Lâ€essociated <scp>PI</scp> 3K activity. EMBO Journal, 2016, 35, 496-514.	7.8	62
34	Identification of an adaptor protein that facilitates Nrf2-Keap1 complex formation and modulates antioxidant response. Free Radical Biology and Medicine, 2016, 97, 38-49.	2.9	19
35	Two-layer regulation of PAQR3 on ATG14-linked class III PtdIns3K activation upon glucose starvation. Autophagy, 2016, 12, 1047-1048.	9.1	7
36	PAQR3 enhances Twist1 degradation to suppress epithelial–mesenchymal transition and metastasis of gastric cancer cells. Carcinogenesis, 2016, 37, 397-407.	2.8	39

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37	Activation of ERK1/2 Ameliorates Liver Steatosis in Leptin Receptor–Deficient (<i>db/db</i>) Mice via Stimulating ATG7-Dependent Autophagy. Diabetes, 2016, 65, 393-405.	0.6	44
38	Generation and Characterization of Smad7 Conditional Knockout Mice. Methods in Molecular Biology, 2016, 1344, 233-243.	0.9	2
39	DDB2 is involved in ubiquitination and degradation of PAQR3 and regulates tumorigenesis of gastric cancer cells. Biochemical Journal, 2015, 469, 469-480.	3.7	22
40	PAQR3 expression is downregulated in human breast cancers and correlated with HER2 expression. Oncotarget, 2015, 6, 12357-12368.	1.8	20
41	PAQR3 modulates H3K4 trimethylation by spatial modulation of the regulatory subunits of COMPASS-like complexes in mammalian cells. Biochemical Journal, 2015, 467, 415-424.	3.7	9
42	PAQR3 modulates cholesterol homeostasis by anchoring Scap/SREBP complex to the Golgi apparatus. Nature Communications, 2015, 6, 8100.	12.8	68
43	Luteolin Alleviates Alcoholic Liver Disease Induced by Chronic and Binge Ethanol Feeding in Mice. Journal of Nutrition, 2014, 144, 1009-1015.	2.9	67
44	PAQR3 Modulates Insulin Signaling by Shunting Phosphoinositide 3-Kinase p110α to the Golgi Apparatus. Diabetes, 2013, 62, 444-456.	0.6	52
45	PAQR3 Has Modulatory Roles in Obesity, Energy Metabolism, and Leptin Signaling. Endocrinology, 2013, 154, 4525-4535.	2.8	38
46	Association of <i><scp>PPP1R3B</scp></i> polymorphisms with blood lipid and <scp>C</scp> â€reactive protein levels in a <scp>C</scp> hinese population (ä,å>½æ±‰æ—ë≌ç¾♯, <i>PPP1R3B</i> 埪à>åछæ€æ€§ä,Žèj€ 275-281.	Ēè" jåŠ C åð	^ϼ "ờᢦ‹ç™1⁄2æ°
47	Critical Roles of p53 in Epithelial-Mesenchymal Transition and Metastasis of Hepatocellular Carcinoma Cells. PLoS ONE, 2013, 8, e72846.	2.5	43
48	PAQR3 Plays a Suppressive Role in the Tumorigenesis of Colorectal Cancers. Carcinogenesis, 2012, 33, 2228-2235.	2.8	51
49	PAQR10 and PAQR11 mediate Ras signaling in the Golgi apparatus. Cell Research, 2012, 22, 661-676.	12.0	37
50	Cinnamon extract improves fasting blood glucose and glycosylated hemoglobin level in Chinese patients with type 2 diabetes. Nutrition Research, 2012, 32, 408-412.	2.9	140
51	Apolipoprotein A-I possesses an anti-obesity effect associated with increase of energy expenditure and up-regulation of UCP1 in brown fat. Journal of Cellular and Molecular Medicine, 2011, 15, 763-772.	3.6	83
52	Unraveling the biological functions of Smad7 with mouse models. Cell and Bioscience, 2011, 1, 44.	4.8	20
53	Functional Cooperation of RKTG with p53 in Tumorigenesis and Epithelial–Mesenchymal Transition. Cancer Research, 2011, 71, 2959-2968.	0.9	48
54	Research Advances at the Institute for Nutritional Sciences at Shanghai, China. Advances in Nutrition, 2011, 2, 428-439.	6.4	2

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55	Hepatic Deletion of Smad7 in Mouse Leads to Spontaneous Liver Dysfunction and Aggravates Alcoholic Liver Injury. PLoS ONE, 2011, 6, e17415.	2.5	27
56	High Fat Diet Induces Formation of Spontaneous Liposarcoma in Mouse Adipose Tissue with Overexpression of Interleukin 22. PLoS ONE, 2011, 6, e23737.	2.5	34
57	In Vivo Disruption of TGF-β Signaling by Smad7 in Airway Epithelium Alleviates Allergic Asthma but Aggravates Lung Carcinogenesis in Mouse. PLoS ONE, 2010, 5, e10149.	2.5	25
58	Regulation of G-Protein Signaling by RKTG via Sequestration of the Gβγ Subunit to the Golgi Apparatus. Molecular and Cellular Biology, 2010, 30, 78-90.	2.3	41
59	Negative regulation of adiponectin receptor 1 promoter by insulin via a repressive nuclear inhibitory protein element. FEBS Letters, 2008, 582, 3401-3407.	2.8	21
60	Suppressive function of RKTG on chemical carcinogen-induced skin carcinogenesis in mouse. Carcinogenesis, 2008, 29, 1632-1638.	2.8	36
61	RKTG sequesters B-Raf to the Golgi apparatus and inhibits the proliferation and tumorigenicity of human malignant melanoma cells. Carcinogenesis, 2008, 29, 1157-1163.	2.8	58
62	Characterization of the topology and functional domains of RKTG. Biochemical Journal, 2008, 414, 399-406.	3.7	44
63	Spatial regulation of Raf kinase signaling by RKTG. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14348-14353.	7.1	119
64	Catalase potentiates retinoic acid-induced THP-1 monocyte differentiation into macrophage through inhibition of peroxisome proliferator-activated receptor γ. Journal of Leukocyte Biology, 2007, 81, 1568-1576.	3.3	29
65	Association of LKB1 with a WD-repeat protein WDR6 is implicated in cell growth arrest and p27Kip1 induction. Molecular and Cellular Biochemistry, 2007, 301, 115-122.	3.1	32
66	Expression profiles of adiponectin receptors in mouse embryos. Gene Expression Patterns, 2005, 5, 711-715.	0.8	48
67	Intermittent Caloric Restriction Promotes Erythroid Development and Ameliorates Phenylhydrazine-Induced Anemia in Mice. Frontiers in Nutrition, 0, 9, .	3.7	2