

Yan Chen

List of Publications by Year in descending order

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67
papers

2,222
citations

186265

28
h-index

243625

44
g-index

68
all docs

68
docs citations

68
times ranked

3030
citing authors

#	ARTICLE	IF	CITATIONS
1	Cinnamon extract improves fasting blood glucose and glycosylated hemoglobin level in Chinese patients with type 2 diabetes. <i>Nutrition Research</i> , 2012, 32, 408-412.	2.9	140
2	Spatial regulation of Raf kinase signaling by RKTG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14348-14353.	7.1	119
3	Gut microbiota mediates the anti-obesity effect of calorie restriction in mice. <i>Scientific Reports</i> , 2018, 8, 13037.	3.3	114
4	Gut epithelial TSC1/mTOR controls RIPK3-dependent necroptosis in intestinal inflammation and cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 2111-2128.	8.2	111
5	Apolipoprotein A-I possesses an anti-obesity effect associated with increase of energy expenditure and up-regulation of UCP1 in brown fat. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 763-772.	3.6	83
6	Intermittent administration of a fasting-mimicking diet intervenes in diabetes progression, restores β^2 cells and reconstructs gut microbiota in mice. <i>Nutrition and Metabolism</i> , 2018, 15, 80.	3.0	79
7	PAQR3 modulates cholesterol homeostasis by anchoring Scap/SREBP complex to the Golgi apparatus. <i>Nature Communications</i> , 2015, 6, 8100.	12.8	68
8	Luteolin Alleviates Alcoholic Liver Disease Induced by Chronic and Binge Ethanol Feeding in Mice. <i>Journal of Nutrition</i> , 2014, 144, 1009-1015.	2.9	67
9	PAQR3 controls autophagy by integrating AMPK signaling to enhance ATG14L-associated PI3K activity. <i>EMBO Journal</i> , 2016, 35, 496-514.	7.8	62
10	Autophagy inhibition prevents glucocorticoid-increased adiposity via suppressing BAT whitening. <i>Autophagy</i> , 2020, 16, 451-465.	9.1	59
11	RKTG sequesters B-Raf to the Golgi apparatus and inhibits the proliferation and tumorigenicity of human malignant melanoma cells. <i>Carcinogenesis</i> , 2008, 29, 1157-1163.	2.8	58
12	PAQR3 Modulates Insulin Signaling by Shunting Phosphoinositide 3-Kinase p110 β to the Golgi Apparatus. <i>Diabetes</i> , 2013, 62, 444-456.	0.6	52
13	PAQR3 suppresses the growth of non-small cell lung cancer cells via modulation of EGFR-mediated autophagy. <i>Autophagy</i> , 2020, 16, 1236-1247.	9.1	52
14	PAQR3 Plays a Suppressive Role in the Tumorigenesis of Colorectal Cancers. <i>Carcinogenesis</i> , 2012, 33, 2228-2235.	2.8	51
15	Expression profiles of adiponectin receptors in mouse embryos. <i>Gene Expression Patterns</i> , 2005, 5, 711-715.	0.8	48
16	Functional Cooperation of RKTG with p53 in Tumorigenesis and Epithelial-Mesenchymal Transition. <i>Cancer Research</i> , 2011, 71, 2959-2968.	0.9	48
17	Characterization of the topology and functional domains of RKTG. <i>Biochemical Journal</i> , 2008, 414, 399-406.	3.7	44
18	Activation of ERK1/2 Ameliorates Liver Steatosis in Leptin Receptor-Deficient (<i>db/db</i>) Mice via Stimulating ATG7-Dependent Autophagy. <i>Diabetes</i> , 2016, 65, 393-405.	0.6	44

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19	Critical Roles of p53 in Epithelial-Mesenchymal Transition and Metastasis of Hepatocellular Carcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e72846.	2.5	43
20	Regulation of G-Protein Signaling by RKTG via Sequestration of the G α^{13} Subunit to the Golgi Apparatus. <i>Molecular and Cellular Biology</i> , 2010, 30, 78-90.	2.3	41
21	Hepatic PPAR α function is controlled by polyubiquitination and proteasome-mediated degradation through the coordinated actions of PAQR3 and HUWE1. <i>Hepatology</i> , 2018, 68, 289-303.	7.3	40
22	PAQR3 enhances Twist1 degradation to suppress epithelial-mesenchymal transition and metastasis of gastric cancer cells. <i>Carcinogenesis</i> , 2016, 37, 397-407.	2.8	39
23	PAQR3 Has Modulatory Roles in Obesity, Energy Metabolism, and Leptin Signaling. <i>Endocrinology</i> , 2013, 154, 4525-4535.	2.8	38
24	PAQR10 and PAQR11 mediate Ras signaling in the Golgi apparatus. <i>Cell Research</i> , 2012, 22, 661-676.	12.0	37
25	Suppressive function of RKTG on chemical carcinogen-induced skin carcinogenesis in mouse. <i>Carcinogenesis</i> , 2008, 29, 1632-1638.	2.8	36
26	High Fat Diet Induces Formation of Spontaneous Liposarcoma in Mouse Adipose Tissue with Overexpression of Interleukin 22. <i>PLoS ONE</i> , 2011, 6, e23737.	2.5	34
27	Association of LKB1 with a WD-repeat protein WDR6 is implicated in cell growth arrest and p27Kip1 induction. <i>Molecular and Cellular Biochemistry</i> , 2007, 301, 115-122.	3.1	32
28	CREBZF as a Key Regulator of STAT3 Pathway in the Control of Liver Regeneration in Mice. <i>Hepatology</i> , 2020, 71, 1421-1436.	7.3	32
29	Intermittent caloric restriction with a modified fasting-mimicking diet ameliorates autoimmunity and promotes recovery in a mouse model of multiple sclerosis. <i>Journal of Nutritional Biochemistry</i> , 2021, 87, 108493.	4.2	30
30	Catalase potentiates retinoic acid-induced THP-1 monocyte differentiation into macrophage through inhibition of peroxisome proliferator-activated receptor β . <i>Journal of Leukocyte Biology</i> , 2007, 81, 1568-1576.	3.3	29
31	Activation of GCN2/ATF4 signals in amygdalar PKC- δ neurons promotes WAT browning under leucine deprivation. <i>Nature Communications</i> , 2020, 11, 2847.	12.8	29
32	The steady-state level of CDK4 protein is regulated by antagonistic actions between PAQR4 and SKP2 and involved in tumorigenesis. <i>Journal of Molecular Cell Biology</i> , 2017, 9, 409-421.	3.3	28
33	Hepatic Deletion of Smad7 in Mouse Leads to Spontaneous Liver Dysfunction and Aggravates Alcoholic Liver Injury. <i>PLoS ONE</i> , 2011, 6, e17415.	2.5	27
34	In Vivo Disruption of TGF- β 2 Signaling by Smad7 in Airway Epithelium Alleviates Allergic Asthma but Aggravates Lung Carcinogenesis in Mouse. <i>PLoS ONE</i> , 2010, 5, e10149.	2.5	25
35	PAQR4 has a tumorigenic effect in human breast cancers in association with reduced CDK4 degradation. <i>Carcinogenesis</i> , 2018, 39, 439-446.	2.8	24
36	Lactate Is a Key Mediator That Links Obesity to Insulin Resistance via Modulating Cytokine Production From Adipose Tissue. <i>Diabetes</i> , 2022, 71, 637-652.	0.6	24

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37	DDB2 is involved in ubiquitination and degradation of PAQR3 and regulates tumorigenesis of gastric cancer cells. <i>Biochemical Journal</i> , 2015, 469, 469-480.	3.7	22
38	Negative regulation of adiponectin receptor 1 promoter by insulin via a repressive nuclear inhibitory protein element. <i>FEBS Letters</i> , 2008, 582, 3401-3407.	2.8	21
39	Unraveling the biological functions of Smad7 with mouse models. <i>Cell and Bioscience</i> , 2011, 1, 44.	4.8	20
40	PAQR3 expression is downregulated in human breast cancers and correlated with HER2 expression. <i>Oncotarget</i> , 2015, 6, 12357-12368.	1.8	20
41	Identification of an adaptor protein that facilitates Nrf2-Keap1 complex formation and modulates antioxidant response. <i>Free Radical Biology and Medicine</i> , 2016, 97, 38-49.	2.9	19
42	Polyamine synthesis enzyme AMD1 is closely associated with tumorigenesis and prognosis of human gastric cancers. <i>Carcinogenesis</i> , 2020, 41, 214-222.	2.8	18
43	Intermittent administration of a fasting-mimicking diet reduces intestinal inflammation and promotes repair to ameliorate inflammatory bowel disease in mice. <i>Journal of Nutritional Biochemistry</i> , 2021, 96, 108785.	4.2	16
44	Ablation of PPP1R3G reduces glycogen deposition and mitigates high-fat diet induced obesity. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 133-140.	3.2	15
45	Subcellular distribution of RAD23B controls XPC degradation and DNA damage repair in response to chemotherapy drugs. <i>Cellular Signalling</i> , 2017, 36, 108-116.	3.6	15
46	Comparison of glycemic improvement between intermittent calorie restriction and continuous calorie restriction in diabetic mice. <i>Nutrition and Metabolism</i> , 2019, 16, 60.	3.0	15
47	PAQR3 suppresses the proliferation, migration and tumorigenicity of human prostate cancer cells. <i>Oncotarget</i> , 2017, 8, 53948-53958.	1.8	13
48	PAQR3 Regulates Endoplasmic Reticulum-to-Golgi Trafficking of COPII Vesicle via Interaction with Sec13/Sec31 Coat Proteins. <i>IScience</i> , 2018, 9, 382-398.	4.1	13
49	PAQR11 modulates monocyte-to-macrophage differentiation and pathogenesis of rheumatoid arthritis. <i>Immunology</i> , 2021, 163, 60-73.	4.4	12
50	PAQR3 modulates blood cholesterol level by facilitating interaction between LDLR and PCSK9. <i>Metabolism: Clinical and Experimental</i> , 2019, 94, 88-95.	3.4	10
51	PAQR3 modulates H3K4 trimethylation by spatial modulation of the regulatory subunits of COMPASS-like complexes in mammalian cells. <i>Biochemical Journal</i> , 2015, 467, 415-424.	3.7	9
52	PAQR3 augments amino acid deprivation-induced autophagy by inhibiting mTORC1 signaling. <i>Cellular Signalling</i> , 2017, 33, 98-106.	3.6	9
53	Improvement of Non-Alcoholic Fatty Liver Disease in Mice by Intermittent Use of a Fasting-Mimicking Diet. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100381.	3.3	9
54	Application of a dye-based mitochondrion-thermometry to determine the receptor downstream of prostaglandin E2 involved in the regulation of hepatocyte metabolism. <i>Scientific Reports</i> , 2018, 8, 13065.	3.3	8

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55	Adipose tissue lipolysis is regulated by PAQR11 via altering protein stability of phosphodiesterase 4D. <i>Molecular Metabolism</i> , 2021, 47, 101182.	6.5	8
56	Association of <i>PPP1R3B</i> polymorphisms with blood lipid and C-reactive protein levels in a Chinese population (<i>Journal of Cellular Biochemistry</i> , 2021, 124, 275-281).		
57	Two-layer regulation of PAQR3 on ATG14-linked class III PtdIns3K activation upon glucose starvation. <i>Autophagy</i> , 2016, 12, 1047-1048.	9.1	7
58	A synthetic peptide hijacks the catalytic subunit of class I PI3K to suppress the growth of cancer cells. <i>Cancer Letters</i> , 2017, 405, 1-9.	7.2	7
59	Urinary element profiles and associations with cardiometabolic diseases: A cross-sectional study across ten areas in China. <i>Environmental Research</i> , 2022, 205, 112535.	7.5	7
60	Intermittent protein restriction protects islet β^2 cells and improves glucose homeostasis in diabetic mice. <i>Science Bulletin</i> , 2022, 67, 733-747.	9.0	7
61	Gut Microbiota Composition is Associated with Responses to Peanut Intervention in Multiple Parameters Among Adults with Metabolic Syndrome Risk. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001051.	3.3	6
62	High Fat Diet and High Cholesterol Diet Reduce Hepatic Vitamin D ₂₅ -Hydroxylase Expression and Serum 25-Hydroxyvitamin D ₃ Level through Elevating Circulating Cholesterol, Glucose, and Insulin Levels. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2100220.	3.3	6
63	PAQR9 regulates hepatic ketogenesis and fatty acid oxidation during fasting by modulating protein stability of PPAR α . <i>Molecular Metabolism</i> , 2021, 53, 101331.	6.5	6
64	PAQR9 Modulates BAG6-mediated protein quality control of mislocalized membrane proteins. <i>Biochemical Journal</i> , 2020, 477, 477-489.	3.7	4
65	Research Advances at the Institute for Nutritional Sciences at Shanghai, China. <i>Advances in Nutrition</i> , 2011, 2, 428-439.	6.4	2
66	Generation and Characterization of Smad7 Conditional Knockout Mice. <i>Methods in Molecular Biology</i> , 2016, 1344, 233-243.	0.9	2
67	Intermittent Caloric Restriction Promotes Erythroid Development and Ameliorates Phenylhydrazine-Induced Anemia in Mice. <i>Frontiers in Nutrition</i> , 0, 9, .	3.7	2