

# Yong Xu

## List of Publications by Year in descending order

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47  
papers

1,923  
citations

279487

23  
h-index

276539

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2530  
citing authors

#	ARTICLE	IF	CITATIONS
1	DsbA-L prevents obesity-induced inflammation and insulin resistance by suppressing the mtDNA release-activated cGAS-cGAMP-STING pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12196-12201.	3.3	185
2	Skipping breakfast is associated with overweight and obesity: A systematic review and meta-analysis. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 1-8.	0.8	144
3	Short-Chain Fatty Acids Inhibit Oxidative Stress and Inflammation in Mesangial Cells Induced by High Glucose and Lipopolysaccharide. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 98-105.	0.6	122
4	Sodium butyrate supplementation ameliorates diabetic inflammation in db/db mice. <i>Journal of Endocrinology</i> , 2018, 238, 231-244.	1.2	107
5	Short-Chain Fatty Acids Ameliorate Diabetic Nephropathy via GPR43-Mediated Inhibition of Oxidative Stress and NF- $\kappa$ B Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-21.	1.9	102
6	High Glucose and Lipopolysaccharide Prime NLRP3 Inflammasome via ROS/TXNIP Pathway in Mesangial Cells. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-11.	1.0	89
7	The role of short-chain fatty acids in kidney injury induced by gut-derived inflammatory response. <i>Metabolism: Clinical and Experimental</i> , 2017, 68, 20-30.	1.5	81
8	Sodium Butyrate Improves Liver Glycogen Metabolism in Type 2 Diabetes Mellitus. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7694-7705.	2.4	70
9	ROS-induced NLRP3 inflammasome priming and activation mediate PCB 118- induced pyroptosis in endothelial cells. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109937.	2.9	69
10	Sodium butyrate alleviates high-glucose-induced renal glomerular endothelial cells damage via inhibiting pyroptosis. <i>International Immunopharmacology</i> , 2019, 75, 105832.	1.7	64
11	Maresins: Specialized Proresolving Lipid Mediators and Their Potential Role in Inflammatory-Related Diseases. <i>Mediators of Inflammation</i> , 2018, 2018, 1-8.	1.4	61
12	G-quadruplex DNA: a novel target for drug design. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6557-6583.	2.4	57
13	SGLT2 inhibitors and risk of stroke in patients with type 2 diabetes: A systematic review and meta-analysis. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1977-1982.	2.2	53
14	The Role of Ubiquitination and Sumoylation in Diabetic Nephropathy. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	51
15	Innate Immunity in Diabetic Wound Healing: Focus on the Mastermind Hidden in Chronic Inflammatory. <i>Frontiers in Pharmacology</i> , 2021, 12, 653940.	1.6	48
16	Lipotoxicity-induced mtDNA release promotes diabetic cardiomyopathy by activating the cGAS-STING pathway in obesity-related diabetes. <i>Cell Biology and Toxicology</i> , 2023, 39, 277-299.	2.4	46
17	High glucose induces activation of NF- $\kappa$ B inflammatory signaling through I $\kappa$ B $\alpha$ sumoylation in rat mesangial cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 568-574.	1.0	44
18	Maresin 1 Mitigates High Glucose-Induced Mouse Glomerular Mesangial Cell Injury by Inhibiting Inflammation and Fibrosis. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	1.4	41

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19	d-Ribose as a Contributor to Glycated Haemoglobin. <i>EBioMedicine</i> , 2017, 25, 143-153.	2.7	36
20	Plasma Neuregulin 4 Levels Are Associated with Metabolic Syndrome in Patients Newly Diagnosed with Type 2 Diabetes Mellitus. <i>Disease Markers</i> , 2018, 2018, 1-11.	0.6	36
21	Impact of High Glucose and Proteasome Inhibitor MG132 on Histone H2A and H2B Ubiquitination in Rat Glomerular Mesangial Cells. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-10.	1.0	30
22	Sweet Taste Receptors Mediated ROS-NLRP3 Inflammasome Signaling Activation: Implications for Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-15.	1.0	27
23	Decreased plasma neuregulin 4 levels are associated with peripheral neuropathy in Chinese patients with newly diagnosed type 2 diabetes: A cross-sectional study. <i>Cytokine</i> , 2019, 113, 356-364.	1.4	27
24	The Proteasome Inhibitor, MG132, Attenuates Diabetic Nephropathy by Inhibiting SnoN Degradation <i>In Vivo</i> and <i>In Vitro</i> . <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	24
25	Comprehensive analysis of lysine crotonylation in proteome of maintenance hemodialysis patients. <i>Medicine (United States)</i> , 2018, 97, e12035.	0.4	24
26	The efficacy and safety of combinations of SGLT2 inhibitors and GLP-1 receptor agonists in the treatment of type 2 diabetes or obese adults: a systematic review and meta-analysis. <i>Endocrine</i> , 2020, 67, 294-304.	1.1	23
27	Association of serum uric acid with bone mineral density and clinical fractures in Chinese type 2 diabetes mellitus patients: A cross-sectional study. <i>Clinica Chimica Acta</i> , 2018, 486, 76-85.	0.5	22
28	Butyrate ameliorates alcoholic fatty liver disease via reducing endotoxemia and inhibiting liver gasdermin D-mediated pyroptosis. <i>Annals of Translational Medicine</i> , 2021, 9, 873-873.	0.7	22
29	Notch Signaling Molecules Activate TGF- $\beta$ 2 in Rat Mesangial Cells under High Glucose Conditions. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-8.	1.0	21
30	Function and Mechanism of Novel Histone Posttranslational Modifications in Health and Disease. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	21
31	MG132 Ameliorates Kidney Lesions by Inhibiting the Degradation of Smad7 in Streptozotocin-Induced Diabetic Nephropathy. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-8.	1.0	19
32	RIPK2-Mediated Autophagy and Negatively Regulated ROS-NLRP3 Inflammasome Signaling in GMCs Stimulated with High Glucose. <i>Mediators of Inflammation</i> , 2019, 2019, 1-13.	1.4	19
33	Comparison of bovine serum albumin glycation by ribose and fructose in vitro and in vivo. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166283.	1.8	18
34	Physiological serum total bilirubin concentrations were inversely associated with diabetic peripheral neuropathy in Chinese patients with type 2 diabetes: a cross-sectional study. <i>Diabetology and Metabolic Syndrome</i> , 2019, 11, 100.	1.2	16
35	Decreased Plasma Maresin 1 Concentration Is Associated with Diabetic Foot Ulcer. <i>Mediators of Inflammation</i> , 2020, 2020, 1-7.	1.4	16
36	High Glucose Induces Sumoylation of Smad4 via SUMO2/3 in Mesangial Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	15

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37	FBW7 Regulates the Autophagy Signal in Mesangial Cells Induced by High Glucose. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	12
38	SUMO E3 Ligase PIASy Mediates High Glucose-Induced Activation of NF- $\kappa$ B Inflammatory Signaling in Rat Mesangial Cells. <i>Mediators of Inflammation</i> , 2017, 2017, 1-9.	1.4	9
39	Low serum Maresin-1 levels are associated with non-alcoholic fatty liver disease: a cross-sectional study. <i>Lipids in Health and Disease</i> , 2021, 20, 96.	1.2	9
40	Serum albumin was negatively associated with diabetic peripheral neuropathy in Chinese population: a cross-sectional study. <i>Diabetology and Metabolic Syndrome</i> , 2021, 13, 100.	1.2	8
41	CYLD Deubiquitinase Negatively Regulates High Glucose-Induced NF- $\kappa$ B Inflammatory Signaling in Mesangial Cells. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	7
42	Association between Circulating B-Type Natriuretic Peptide and Diabetic Peripheral Neuropathy: A Cross-Sectional Study of a Chinese Type 2 Diabetic Population. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-10.	1.0	6
43	Association of Circulating Omentin-1 with Osteoporosis in a Chinese Type 2 Diabetic Population. <i>Mediators of Inflammation</i> , 2020, 2020, 1-16.	1.4	6
44	PCB118 Induces Inflammation of Islet Beta Cells via Activating ROS-NLRP3 Inflammasome Signaling. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	5
45	Decreased Serum Maresin 1 Concentration Is Associated With Postmenopausal Osteoporosis: A Cross-Sectional Study. <i>Frontiers in Medicine</i> , 2021, 8, 759825.	1.2	4
46	Maresin 1 Alleviates Diabetic Kidney Disease via LGR6-Mediated cAMP-SOD2-ROS Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	4
47	A Toolbox for Site-Specific Labeling of RecQ Helicase With a Single Fluorophore Used in the Single-Molecule Assay. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 586450.	1.6	3