

# Xi Xu

## List of Publications by Year in descending order

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31  
papers

400  
citations

840776

11  
h-index

839539

18  
g-index

31  
all docs

31  
docs citations

31  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	β <sup>2</sup> -glucan Salecan Improves Exercise Performance and Displays Anti-Fatigue Effects through Regulating Energy Metabolism and Oxidative Stress in Mice. <i>Nutrients</i> , 2018, 10, 858.	4.1	49
2	Piceatannol attenuates D-GalN/LPS-induced hepatotoxicity in mice: Involvement of ER stress, inflammation and oxidative stress. <i>International Immunopharmacology</i> , 2018, 64, 131-139.	3.8	36
3	The associations between endocrine disrupting chemicals and markers of inflammation and immune responses: A systematic review and meta-analysis. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113382.	6.0	28
4	The kinase receptor-interacting protein 1 is required for inflammasome activation induced by endoplasmic reticulum stress. <i>Cell Death and Disease</i> , 2018, 9, 641.	6.3	23
5	PER1 interaction with GPX1 regulates metabolic homeostasis under oxidative stress. <i>Redox Biology</i> , 2020, 37, 101694.	9.0	22
6	Anti-tumor activity and immunogenicity of a succinoglycan riclin. <i>Carbohydrate Polymers</i> , 2021, 255, 117370.	10.2	18
7	In vitro and in vivo anti-Listeria effect of Succinoglycan Riclin through regulating MAPK/JIL-6 axis and metabolic profiling. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 802-813.	7.5	16
8	Adenine nucleotide-mediated regulation of hepatic PTP1B activity in mouse models of type 2 diabetes. <i>Diabetologia</i> , 2019, 62, 2106-2117.	6.3	15
9	Oral Administration of Succinoglycan Riclin Improves Diet-Induced Hypercholesterolemia in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13307-13317.	5.2	15
10	Salecan protected against concanavalin A-induced acute liver injury by modulating T cell immune responses and NMR-based metabolic profiles. <i>Toxicology and Applied Pharmacology</i> , 2017, 317, 63-72.	2.8	14
11	Engineering of pectin-dopamine nano-conjugates for carrying ruthenium complex: A potential tool for biomedical applications. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 135-142.	3.5	13
12	Dietary salecan reverts partially the metabolic gene expressions and NMR-based metabolomic profiles from high-fat-diet-induced obese rats. <i>Journal of Nutritional Biochemistry</i> , 2017, 47, 53-62.	4.2	12
13	Loss of the clock protein PER2 shortens the erythrocyte life span in mice. <i>Journal of Biological Chemistry</i> , 2017, 292, 12679-12690.	3.4	12
14	Effects of regular exercise on inflammasome activation-related inflammatory cytokine levels in older adults: a systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2021, 39, 2338-2352.	2.0	12
15	Soluble beta-glucan salecan improves vaginal infection of <i>Candida albicans</i> in mice. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 1053-1060.	7.5	11
16	Period1 mediates rhythmic metabolism of toxins by interacting with CYP2E1. <i>Cell Death and Disease</i> , 2021, 12, 76.	6.3	11
17	Orally administered salecan ameliorates methotrexate-induced intestinal mucositis in mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 105-116.	2.3	9
18	Effects of piceatannol on the structure and activities of bovine serum albumin: A multi-spectral and molecular modeling studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117706.	3.9	9

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19	Adenosine 5â€™-monophosphate blocks acetaminophen toxicity by increasing ubiquitination-mediated ASK1 degradation. <i>Oncotarget</i> , 2017, 8, 6273-6282.	1.8	9
20	Dietary Succinoglycan Riclin Improves Glycemia Control in Mice with Type 2 Diabetes. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1819-1829.	5.2	9
21	An Intermediary Role of Adenine Nucleotides on Free Fatty Acids-Induced Hyperglycemia in Obese Mice. <i>Frontiers in Endocrinology</i> , 2019, 10, 497.	3.5	8
22	Effects of yeast Î²-glucans for the prevention and treatment of upper respiratory tract infection in healthy subjects: a systematic review and meta-analysis. <i>European Journal of Nutrition</i> , 2021, 60, 4175-4187.	3.9	8
23	The succinoglycan riclin restores beta cell function through the regulation of macrophages on Th1 and Th2 differentiation in type 1 diabetic mice. <i>Food and Function</i> , 2021, 12, 11611-11624.	4.6	8
24	Adenosine accumulation causes metabolic disorders in testes and associates with lower testosterone level in obese mice. <i>Molecular Reproduction and Development</i> , 2020, 87, 241-250.	2.0	6
25	Pancreatic lipase-related protein 2 is responsible for the increased hepatic retinyl ester hydrolase activity in vitamin A-deficient mice. <i>FEBS Journal</i> , 2019, 286, 4232-4244.	4.7	5
26	An insulin-independent mechanism for transcriptional regulation of Foxo1 in type 2 diabetic mice. <i>Journal of Biological Chemistry</i> , 2021, 297, 100846.	3.4	5
27	Dose- and Intensity-Response Associations Between Leisure-Time Physical Activity and Markers of Inflammation and Oxidative Stress in Older Adults. <i>Journal of Aging and Physical Activity</i> , 2022, 30, 950-962.	1.0	5
28	Decreased T-cell mediated hepatic injury in concanavalin A-treated PLRP2-deficient mice. <i>International Immunopharmacology</i> , 2020, 85, 106604.	3.8	4
29	Piceatannol attenuates streptozotocin-induced type 1 diabetes in mice. <i>Biocell</i> , 2020, 44, 353-361.	0.7	3
30	Riclin octaose Attenuates Renal Ischemia-Reperfusion Injury by the Regulation of Macrophage Polarization. <i>Frontiers in Pharmacology</i> , 2021, 12, 745425.	3.5	3
31	Type 2 diabetic mice enter a state of spontaneous hibernation-like suspended animation following accumulation of uric acid. <i>Journal of Biological Chemistry</i> , 2021, 297, 101166.	3.4	2