

Yunhuan Liu

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

2,934
citations

29
h-index

53
g-index

85
ext. papers

3,721
ext. citations

5
avg, IF

4.95
L-index

#	Paper	IF	Citations
80	Metagenomic analyses of alcohol induced pathogenic alterations in the intestinal microbiome and the effect of Lactobacillus rhamnosus GG treatment. <i>PLoS ONE</i> , 2013 , 8, e53028	3.7	317
79	Copper regulation of hypoxia-inducible factor-1 activity. <i>Molecular Pharmacology</i> , 2009 , 75, 174-82	4.3	147
78	Nuclear receptors and nonalcoholic fatty liver disease. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016 , 1859, 1083-1099	6	145
77	Lactobacillus rhamnosus GG culture supernatant ameliorates acute alcohol-induced intestinal permeability and liver injury. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, G32-41	5.1	145
76	Ginger-derived nanoparticles protect against alcohol-induced liver damage. <i>Journal of Extracellular Vesicles</i> , 2015 , 4, 28713	16.4	132
75	Serum levels of FGF-21 are increased in coronary heart disease patients and are independently associated with adverse lipid profile. <i>PLoS ONE</i> , 2010 , 5, e15534	3.7	132
74	Lactobacillus rhamnosus GG reduces hepatic TNF α production and inflammation in chronic alcohol-induced liver injury. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1609-15	6.3	112
73	The Pathogenesis of Nonalcoholic Fatty Liver Disease: Interplay between Diet, Gut Microbiota, and Genetic Background. <i>Gastroenterology Research and Practice</i> , 2016 , 2016, 2862173	2	102
72	Fenofibrate increases cardiac autophagy via FGF21/SIRT1 and prevents fibrosis and inflammation in the hearts of Type 1 diabetic mice. <i>Clinical Science</i> , 2016 , 130, 625-41	6.5	97
71	Metallothionein transfers zinc to mitochondrial aconitase through a direct interaction in mouse hearts. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 332, 853-8	3.4	94
70	Intestinal HIF-1 α deletion exacerbates alcoholic liver disease by inducing intestinal dysbiosis and barrier dysfunction. <i>Journal of Hepatology</i> , 2018 , 69, 886-895	13.4	82
69	Metallothionein disulfides are present in metallothionein-overexpressing transgenic mouse heart and increase under conditions of oxidative stress. <i>Journal of Biological Chemistry</i> , 2006 , 281, 681-7	5.4	79
68	HIF-1 α and HIF-2 α are critically involved in hypoxia-induced lipid accumulation in hepatocytes through reducing PGC-1 α mediated fatty acid β oxidation. <i>Toxicology Letters</i> , 2014 , 226, 117-23	4.4	76
67	Up-regulation of Nrf2 is involved in FGF21-mediated fenofibrate protection against type 1 diabetic nephropathy. <i>Free Radical Biology and Medicine</i> , 2016 , 93, 94-109	7.8	63
66	Lactobacillus rhamnosus GG supernatant promotes intestinal barrier function, balances Treg and TH17 cells and ameliorates hepatic injury in a mouse model of chronic-binge alcohol feeding. <i>Toxicology Letters</i> , 2016 , 241, 103-10	4.4	62
65	Inhibition of miR122a by Lactobacillus rhamnosus GG culture supernatant increases intestinal occludin expression and protects mice from alcoholic liver disease. <i>Toxicology Letters</i> , 2015 , 234, 194-200	4.4	62
64	Probiotic Lactobacillus rhamnosus GG Prevents Liver Fibrosis Through Inhibiting Hepatic Bile Acid Synthesis and Enhancing Bile Acid Excretion in Mice. <i>Hepatology</i> , 2020 , 71, 2050-2066	11.2	62

63	Effects of Selenium-Enriched Probiotics on Lipid Metabolism, Antioxidative Status, Histopathological Lesions, and Related Gene Expression in Mice Fed a High-Fat Diet. <i>Biological Trace Element Research</i> , 2016 , 171, 399-409	4.5	60
62	Saturated and Unsaturated Dietary Fats Differentially Modulate Ethanol-Induced Changes in Gut Microbiome and Metabolome in a Mouse Model of Alcoholic Liver Disease. <i>American Journal of Pathology</i> , 2016 , 186, 765-76	5.8	58
61	FGF21 mediates alcohol-induced adipose tissue lipolysis by activation of systemic release of catecholamine in mice. <i>Journal of Lipid Research</i> , 2015 , 56, 1481-91	6.3	52
60	Enhanced AMPK phosphorylation contributes to the beneficial effects of Lactobacillus rhamnosus GG supernatant on chronic-alcohol-induced fatty liver disease. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 337-44	6.3	52
59	Lycium barbarum polysaccharides improve CCl-induced liver fibrosis, inflammatory response and TLRs/NF-kB signaling pathway expression in wistar rats. <i>Life Sciences</i> , 2018 , 192, 205-212	6.8	50
58	Probiotics and Alcoholic Liver Disease: Treatment and Potential Mechanisms. <i>Gastroenterology Research and Practice</i> , 2016 , 2016, 5491465	2	49
57	Amelioration of CCl-induced liver injury in rats by selenizing Astragalus polysaccharides: Role of proinflammatory cytokines, oxidative stress and hepatic stellate cells. <i>Research in Veterinary Science</i> , 2017 , 114, 202-211	2.5	42
56	Fibroblast growth factor 21 deficiency exacerbates chronic alcohol-induced hepatic steatosis and injury. <i>Scientific Reports</i> , 2016 , 6, 31026	4.9	39
55	Simultaneous quantification of straight-chain and branched-chain short chain fatty acids by gas chromatography mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1092, 359-367	3.2	35
54	Effects of D3.49A, R3.50A, and A6.34E mutations on ligand binding and activation of the cannabinoid-2 (CB2) receptor. <i>Biochemical Pharmacology</i> , 2003 , 65, 1077-85	6	34
53	Expression of CB2 cannabinoid receptor in Pichia pastoris. <i>Protein Expression and Purification</i> , 2002 , 26, 496-505	2	33
52	Metallothionein prevents intermittent hypoxia-induced cardiac endoplasmic reticulum stress and cell death likely via activation of Akt signaling pathway in mice. <i>Toxicology Letters</i> , 2014 , 227, 113-23	4.4	29
51	Dietary Supplementation of Selenium-Enriched Probiotics Enhances Meat Quality of Broiler Chickens (Gallus gallus domesticus) Raised Under High Ambient Temperature. <i>Biological Trace Element Research</i> , 2018 , 182, 328-338	4.5	27
50	Protective effects of selenium-glutathione-enriched probiotics on CCl-induced liver fibrosis. <i>Journal of Nutritional Biochemistry</i> , 2018 , 58, 138-149	6.3	24
49	Cobalt chloride decreases fibroblast growth factor-21 expression dependent on oxidative stress but not hypoxia-inducible factor in Caco-2 cells. <i>Toxicology and Applied Pharmacology</i> , 2012 , 264, 212-21	4.6	24
48	Stable overexpression of human metallothionein-IIA in a heart-derived cell line confers oxidative protection. <i>Toxicology Letters</i> , 2009 , 188, 70-6	4.4	24
47	Effects of ochratoxin A on ER stress, MAPK signaling pathway and autophagy of kidney and spleen in pigs. <i>Environmental Toxicology</i> , 2017 , 32, 2277-2286	4.2	23
46	Impacts of selenium and vitamin E supplementation on mRNA of heat shock proteins, selenoproteins and antioxidants in broilers exposed to high temperature. <i>AMB Express</i> , 2018 , 8, 112	4.1	20

45	Probiotic culture supernatant improves metabolic function through FGF21-adiponectin pathway in mice. <i>Journal of Nutritional Biochemistry</i> , 2020 , 75, 108256	6.3	20
44	Functional roles of the tyrosine within the NP(X)(n)Y motif and the cysteines in the C-terminal juxtamembrane region of the CB2 cannabinoid receptor. <i>FEBS Letters</i> , 2001 , 501, 166-70	3.8	19
43	Sulforaphane restores acetyl-histone H3 binding to Bcl-2 promoter and prevents apoptosis in ethanol-exposed neural crest cells and mouse embryos. <i>Experimental Neurology</i> , 2018 , 300, 60-66	5.7	19
42	Comparison of the Therapeutic Effects Recombinant Human Acidic and Basic Fibroblast Growth Factors in Wound Healing in Diabetic Patients. <i>Journal of Health Science</i> , 2008 , 54, 432-440		18
41	Metallothionein rescues hypoxia-inducible factor-1 transcriptional activity in cardiomyocytes under diabetic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 360, 286-9	3.4	18
40	Activation of autophagy attenuates EtOH-LPS-induced hepatic steatosis and injury through MD2 associated TLR4 signaling. <i>Scientific Reports</i> , 2017 , 7, 9292	4.9	17
39	High-level expression and purification of Tat-haFGF19-154. <i>Applied Microbiology and Biotechnology</i> , 2008 , 77, 1015-22	5.7	15
38	Fibroblast growth factor 21 is required for the therapeutic effects of <i>Lactobacillus rhamnosus</i> GG against fructose-induced fatty liver in mice. <i>Molecular Metabolism</i> , 2019 , 29, 145-157	8.8	14
37	Metallothionein as a compensatory component prevents intermittent hypoxia-induced cardiomyopathy in mice. <i>Toxicology and Applied Pharmacology</i> , 2014 , 277, 58-66	4.6	13
36	Lemon Exosome-like Nanoparticles-Manipulated Probiotics Protect Mice from \square Infection. <i>IScience</i> , 2020 , 23, 101571	6.1	13
35	High level expression of human endostatin in <i>Pichia pastoris</i> using a synthetic gene construct. <i>Applied Microbiology and Biotechnology</i> , 2007 , 73, 1355-62	5.7	12
34	Sulforaphane protects against ethanol-induced apoptosis in neural crest cells through restoring epithelial-mesenchymal transition by epigenetically modulating the expression of Snail1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2586-2594	6.9	11
33	Expression and purification of human keratinocyte growth factor 2 by fusion with SUMO. <i>Molecular Biotechnology</i> , 2009 , 42, 68-74	3	11
32	Repurposing Treatment of Wernicke-Korsakoff Syndrome for Th-17 Cell Immune Storm Syndrome and Neurological Symptoms in COVID-19: Thiamine Efficacy and Safety, In-Vitro Evidence and Pharmacokinetic Profile. <i>Frontiers in Pharmacology</i> , 2020 , 11, 598128	5.6	10
31	Lemon exosome-like nanoparticles enhance stress survival of gut bacteria by RNase P-mediated specific tRNA decay. <i>IScience</i> , 2021 , 24, 102511	6.1	10
30	Mechanisms, biomarkers and targets for therapy in alcohol-associated liver injury: From Genetics to nutrition: Summary of the ISBRA 2018 symposium. <i>Alcohol</i> , 2020 , 83, 105-114	2.7	10
29	Ochratoxin A induces nephrotoxicity in vitro and \square n vivo via pyroptosis. <i>Archives of Toxicology</i> , 2021 , 95, 1489-1502	5.8	10
28	Exosome-Like Nanoparticles From GG Protect Against Alcohol-Associated Liver Disease Through Intestinal Aryl Hydrocarbon Receptor in Mice. <i>Hepatology Communications</i> , 2021 , 5, 846-864	6	10

27	Microbiome dysbiosis and alcoholic liver disease. <i>Liver Research</i> , 2019 , 3, 218-226	4.1	9
26	Profiling of Polar Metabolites in Mouse Feces Using Four Analytical Platforms to Study the Effects Of Cathelicidin-Related Antimicrobial Peptide in Alcoholic Liver Disease. <i>Journal of Proteome Research</i> , 2019 , 18, 2875-2884	5.6	9
25	Inhibition of Sphingosine-1-Phosphate-Induced Th17 Cells Ameliorates Alcohol-Associated Steatohepatitis in Mice. <i>Hepatology</i> , 2021 , 73, 952-967	11.2	9
24	MicroRNA-34a mediates ethanol-induced impairment of neural differentiation of neural crest cells by targeting autophagy-related gene 9a. <i>Experimental Neurology</i> , 2019 , 320, 112981	5.7	8
23	Probiotic Lactobacillus rhamnosus GG prevents progesterone metabolite epiallaopregnanolone sulfate-induced hepatic bile acid accumulation and liver injury. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 520, 67-72	3.4	7
22	Embryonic exposure to ethanol increases the susceptibility of larval zebrafish to chemically induced seizures. <i>Scientific Reports</i> , 2018 , 8, 1845	4.9	7
21	as a Possible Risk Factor in the Development/Severity of Acute Alcoholic Hepatitis. <i>Hepatology Communications</i> , 2019 , 3, 293-304	6	7
20	Chalcone Derivative L6H21 Reduces EtOH+LPS-Induced Liver Injury Through Inhibition of NLRP3 Inflammasome Activation. <i>Alcoholism: Clinical and Experimental Research</i> , 2019 , 43, 1662-1671	3.7	6
19	Purification and modification by polyethylene glycol of a new human basic fibroblast growth factor mutant-hbFGF(Ser25,87,92). <i>Journal of Chromatography A</i> , 2007 , 1161, 51-5	4.5	6
18	Cathelicidin-related antimicrobial peptide alleviates alcoholic liver disease through inhibiting inflammasome activation. <i>Journal of Pathology</i> , 2020 , 252, 371-383	9.4	5
17	Neutral Ceramidase Mediates Nonalcoholic Steatohepatitis by Regulating Monounsaturated Fatty Acids and Gut IgA B Cells. <i>Hepatology</i> , 2021 , 73, 901-919	11.2	5
16	Fibroblast Growth Factor 21 Deficiency Attenuates Experimental Colitis-Induced Adipose Tissue Lipolysis. <i>Gastroenterology Research and Practice</i> , 2017 , 2017, 3089378	2	4
15	Low dose of arsenic exacerbates toxicity to mice and IPEC-J2 cells exposed with deoxynivalenol: Aryl hydrocarbon receptor and autophagy might be novel therapeutic targets.. <i>Science of the Total Environment</i> , 2022 , 155027	10.2	3
14	FGF 21 deficiency slows gastric emptying and reduces initial blood alcohol concentration in mice exposed to acute alcohol in fasting state. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 497, 46-50	3.4	2
13	Hypoxia-Induced Adipose Lipolysis Requires Fibroblast Growth Factor 21. <i>Frontiers in Pharmacology</i> , 2020 , 11, 1279	5.6	2
12	Gut Microbiota and Metagenomic Advancement in Digestive Disease. <i>Gastroenterology Research and Practice</i> , 2016 , 2016, 4703406	2	2
11	Up-regulation of microRNA-34a mediates ethanol-induced impairment of neural crest cell migration in vitro and in zebrafish embryos through modulating epithelial-mesenchymal transition by targeting Snail1.. <i>Toxicology Letters</i> , 2022 , 358, 17-17	4.4	1
10	Selenomethionine alleviated Ochratoxin A induced pyroptosis and renal fibrotic factors expressions in MDCK cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , e22933	3.4	1

9	Lactobacillus rhamnosus GG supernatant prevents acute alcohol-induced liver steatosis and injury through ER stress and autophagy-mediated signaling pathways. <i>FASEB Journal</i> , 2019 , 33, 680.13	0.9	1
8	Sulforaphane Protects Against Ethanol-Induced Apoptosis in Human Neural Crest Cells Through Diminishing Ethanol-Induced Hypermethylation at the Promoters of the Genes Encoding the Inhibitor of Apoptosis Proteins. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 622152	5.7	1
7	Neutral ceramidase-dependent regulation of macrophage metabolism directs intestinal immune homeostasis and controls enteric infection.. <i>Cell Reports</i> , 2022 , 38, 110560	10.6	1
6	Intestinal HIF-1 α Deletion Exacerbates Alcoholic Liver Disease through Inducing Intestinal Dysbiosis and Barrier Dysfunction. <i>FASEB Journal</i> , 2019 , 33, 821.9	0.9	0
5	PCV2 infection aggravates OTA-induced immunotoxicity in vivo and in vitro.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 235, 113447	7	0
4	Theragnostic Efficacy of K18 Response in Alcohol Use Disorder with Clinically Significant Fibrosis Using Gut-Liver Axis. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5852	6.3	0
3	Probiotic-generated product protects against alcoholic liver disease through increasing intestinal AhR-IL22-Reg3 and Nrf2 signaling. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
2	FGF21 Mediates Alcohol-Induced Adipose Tissue Lipolysis by Activation of Systemic Release of Catecholamine in Mice. <i>FASEB Journal</i> , 2015 , 29, 1020.4	0.9	
1	Secreted factors of Lactobacillus rhamnosus GG culture prevents chronic alcohol-induced liver injury. <i>FASEB Journal</i> , 2013 , 27, 1106.1	0.9	