

Yunhuan Liu

List of Publications by Year in descending order

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84
papers

4,499
citations

126858

33
h-index

110317

64
g-index

85
all docs

85
docs citations

85
times ranked

6393
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic Analyses of Alcohol Induced Pathogenic Alterations in the Intestinal Microbiome and the Effect of Lactobacillus rhamnosus GG Treatment. PLoS ONE, 2013, 8, e53028.	1.1	439
2	Gingerâ€derived nanoparticles protect against alcoholâ€induced liver damage. Journal of Extracellular Vesicles, 2015, 4, 28713.	5.5	277
3	Nuclear receptors and nonalcoholic fatty liver disease. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 1083-1099.	0.9	223
4	Copper Regulation of Hypoxia-Inducible Factor-1 Activity. Molecular Pharmacology, 2009, 75, 174-182.	1.0	199
5	Lactobacillus rhamnosus <i>GG</i> culture supernatant ameliorates acute alcohol-induced intestinal permeability and liver injury. American Journal of Physiology - Renal Physiology, 2012, 303, G32-G41.	1.6	194
6	Probiotic Lactobacillus rhamnosus GG Prevents Liver Fibrosis Through Inhibiting Hepatic Bile Acid Synthesis and Enhancing Bile Acid Excretion in Mice. Hepatology, 2020, 71, 2050-2066.	3.6	178
7	Intestinal HIF-1Î± deletion exacerbates alcoholic liver disease by inducing intestinal dysbiosis and barrier dysfunction. Journal of Hepatology, 2018, 69, 886-895.	1.8	160
8	Serum Levels of FGF-21 Are Increased in Coronary Heart Disease Patients and Are Independently Associated with Adverse Lipid Profile. PLoS ONE, 2010, 5, e15534.	1.1	157
9	Lactobacillus rhamnosus GG reduces hepatic TNFÎ± production and inflammation in chronic alcohol-induced liver injury. Journal of Nutritional Biochemistry, 2013, 24, 1609-1615.	1.9	149
10	The Pathogenesis of Nonalcoholic Fatty Liver Disease: Interplay between Diet, Gut Microbiota, and Genetic Background. Gastroenterology Research and Practice, 2016, 2016, 1-13.	0.7	142
11	Fenofibrate increases cardiac autophagy via FGF21/SIRT1 and prevents fibrosis and inflammation in the hearts of Type 1 diabetic mice. Clinical Science, 2016, 130, 625-641.	1.8	128
12	HIF-1Î± and HIF-2Î± are critically involved in hypoxia-induced lipid accumulation in hepatocytes through reducing PGC-1Î±-mediated fatty acid Î²-oxidation. Toxicology Letters, 2014, 226, 117-123.	0.4	109
13	Lactobacillus rhamnosus GG supernatant promotes intestinal barrier function, balances T reg and T H 17 cells and ameliorates hepatic injury in a mouse model of chronic-binge alcohol feeding. Toxicology Letters, 2016, 241, 103-110.	0.4	98
14	Metallothionein transfers zinc to mitochondrial aconitase through a direct interaction in mouse hearts. Biochemical and Biophysical Research Communications, 2005, 332, 853-858.	1.0	97
15	Effects of Selenium-Enriched Probiotics on Lipid Metabolism, Antioxidative Status, Histopathological Lesions, and Related Gene Expression in Mice Fed a High-Fat Diet. Biological Trace Element Research, 2016, 171, 399-409.	1.9	88
16	Metallothionein Disulfides Are Present in Metallothionein-overexpressing Transgenic Mouse Heart and Increase under Conditions of Oxidative Stress. Journal of Biological Chemistry, 2006, 281, 681-687.	1.6	85
17	Inhibition of miR122a by Lactobacillus rhamnosus GG culture supernatant increases intestinal occludin expression and protects mice from alcoholic liver disease. Toxicology Letters, 2015, 234, 194-200.	0.4	83
18	FGF21 mediates alcohol-induced adipose tissue lipolysis by activation of systemic release of catecholamine in mice. Journal of Lipid Research, 2015, 56, 1481-1491.	2.0	83

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19	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.	1.3	83
20	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, 765-776.	1.9	80
21	Lycium barbarum polysaccharides improve CCl4-induced liver fibrosis, inflammatory response and TLRs/NF- κ B signaling pathway expression in wistar rats. <i>Life Sciences</i> , 2018, 192, 205-212.	2.0	78
22	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, 337-344.	1.9	73
23	Probiotics and Alcoholic Liver Disease: Treatment and Potential Mechanisms. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-11.	0.7	72
24	Amelioration of CCl4-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.	0.9	63
25	Fibroblast growth factor 21 deficiency exacerbates chronic alcohol-induced hepatic steatosis and injury. <i>Scientific Reports</i> , 2016, 6, 31026.	1.6	58
26	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.	1.2	51
27	Melatonin mitigates aflatoxin B1-induced liver injury via modulation of gut microbiota/intestinal FXR/liver TLR4 signaling axis in mice. <i>Journal of Pineal Research</i> , 2022, 73, .	3.4	49
28	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, 113-123.	0.4	40
29	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.	1.9	40
30	Protective effects of selenium-glutathione-enriched probiotics on CCl4-induced liver fibrosis. <i>Journal of Nutritional Biochemistry</i> , 2018, 58, 138-149.	1.9	40
31	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.	2.1	39
32	Probiotic culture supernatant improves metabolic function through FGF21-adiponectin pathway in mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 75, 108256.	1.9	38
33	Lemon Exosome-like Nanoparticles-Manipulated Probiotics Protect Mice from C. Diff Infection. <i>IScience</i> , 2020, 23, 101571.	1.9	38
34	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, 1077-1085.	2.0	37
35	Expression of CB2 cannabinoid receptor in Pichia pastoris. <i>Protein Expression and Purification</i> , 2002, 26, 496-505.	0.6	35
36	Exosome-like Nanoparticles From Lactobacillus rhamnosus GG Protect Against Alcohol-associated Liver Disease Through Intestinal Aryl Hydrocarbon Receptor in Mice. <i>Hepatology Communications</i> , 2021, 5, 846-864.	2.0	35

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37	Lemon exosome-like nanoparticles enhance stress survival of gut bacteria by RNase P-mediated specific tRNA decay. <i>IScience</i> , 2021, 24, 102511.	1.9	34
38	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.	1.4	32
39	Inhibition of Sphingosine-1-Phosphate-Induced Th17 Cells Ameliorates Alcohol-Associated Steatohepatitis in Mice. <i>Hepatology</i> , 2021, 73, 952-967.	3.6	30
40	Ochratoxin A induces nephrotoxicity in vitro and in vivo via pyroptosis. <i>Archives of Toxicology</i> , 2021, 95, 1489-1502.	1.9	29
41	Microbiome dysbiosis and alcoholic liver disease. <i>Liver Research</i> , 2019, 3, 218-226.	0.5	28
42	Stable overexpression of human metallothionein-IIA in a heart-derived cell line confers oxidative protection. <i>Toxicology Letters</i> , 2009, 188, 70-76.	0.4	27
43	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, 212-221.	1.3	27
44	Activation of autophagy attenuates EtOH-LPS-induced hepatic steatosis and injury through MD2 associated TLR4 signaling. <i>Scientific Reports</i> , 2017, 7, 9292.	1.6	27
45	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.	3.0	26
46	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.	2.0	25
47	Metallothionein rescues hypoxia-inducible factor-1 transcriptional activity in cardiomyocytes under diabetic conditions. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 286-289.	1.0	22
48	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.	0.9	22
49	Functional roles of the tyrosine within the NP(X)nY motif and the cysteines in the C-terminal juxtamembrane region of the CB2 cannabinoid receptor. <i>FEBS Letters</i> , 2001, 501, 166-170.	1.3	21
50	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.	1.8	19
51	Neutral Ceramidase Mediates Nonalcoholic Steatohepatitis by Regulating Monounsaturated Fatty Acids and Gut IgA+ B Cells. <i>Hepatology</i> , 2021, 73, 901-919.	3.6	18
52	High-level expression and purification of Tat-haFGF19-154. <i>Applied Microbiology and Biotechnology</i> , 2008, 77, 1015-1022.	1.7	17
53	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.	0.8	17
54	Cathelicidin-related antimicrobial peptide alleviates alcoholic liver disease through inhibiting inflammasome activation. <i>Journal of Pathology</i> , 2020, 252, 371-383.	2.1	17

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55	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.	1.6	17
56	Probiotic <i>Lactobacillus rhamnosus</i> 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.	1.0	16
57	<i>Porphyromonas gingivalis</i> as a Possible Risk Factor in the Development/Severity of Acute Alcoholic Hepatitis. <i>Hepatology Communications</i> , 2019, 3, 293-304.	2.0	16
58	Expression and Purification of Human Keratinocyte Growth Factor 2 by Fusion with SUMO. <i>Molecular Biotechnology</i> , 2009, 42, 68-74.	1.3	14
59	Metallothionein as a compensatory component prevents intermittent hypoxia-induced cardiomyopathy in mice. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 58-66.	1.3	14
60	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, 832, 155027.	3.9	14
61	High level expression of human endostatin in <i>Pichia pastoris</i> using a synthetic gene construct. <i>Applied Microbiology and Biotechnology</i> , 2007, 73, 1355-1362.	1.7	13
62	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.	1.8	13
63	Embryonic exposure to ethanol increases the susceptibility of larval zebrafish to chemically induced seizures. <i>Scientific Reports</i> , 2018, 8, 1845.	1.6	11
64	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.	2.0	11
65	Chalcone Derivative L6H21 Reduces EtOH+ALPS-Induced Liver Injury Through Inhibition of NLRP3 Inflammasome Activation. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1662-1671.	1.4	9
66	Hypoxia-Induced Adipose Lipolysis Requires Fibroblast Growth Factor 21. <i>Frontiers in Pharmacology</i> , 2020, 11, 1279.	1.6	9
67	PCV2 infection aggravates OTA-induced immunotoxicity in vivo and in vitro. <i>Ecotoxicology and Environmental Safety</i> , 2022, 235, 113447.	2.9	9
68	Neutral ceramidase-dependent regulation of macrophage metabolism directs intestinal immune homeostasis and controls enteric infection. <i>Cell Reports</i> , 2022, 38, 110560.	2.9	8
69	Purification and modification by polyethylene glycol of a new human basic fibroblast growth factor mutant-hbFGFSer25,87,92. <i>Journal of Chromatography A</i> , 2007, 1161, 51-55.	1.8	7
70	Fibroblast Growth Factor 21 Deficiency Attenuates Experimental Colitis-Induced Adipose Tissue Lipolysis. <i>Gastroenterology Research and Practice</i> , 2017, 2017, 1-9.	0.7	6
71	Selenomethionine alleviated Ochratoxin A induced pyroptosis and renal fibrotic factors expressions in MDCK cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e22933.	1.4	6
72	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.	1.0	5

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73	Deficiency of Cathelicidin Attenuates High-Fat Diet Plus Alcohol-Induced Liver Injury through FGF21/Adiponectin Regulation. <i>Cells</i> , 2021, 10, 3333.	1.8	5
74	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, 17-26.	0.4	5
75	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.	1.8	4
76	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.	1.8	3
77	Gut Microbiota and Metagenomic Advancement in Digestive Disease. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-2.	0.7	2
78	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.	0.2	2
79	Intestinal HIF-1 α Deletion Exacerbates Alcoholic Liver Disease through Inducing Intestinal Dysbiosis and Barrier Dysfunction. <i>FASEB Journal</i> , 2019, 33, 821.9.	0.2	1
80	Efficacy of Thiamine and Medical Management in Treating Hyperuricemia in AUD Patients with ALD: Role of Hyperuricemia in Liver Injury, Gut-Barrier Dysfunction, and Inflammation. <i>Clinical & Experimental Pharmacology</i> , 2021, 11, .	0.3	1
81	Secreted factors of Lactobacillus rhamnosus GG culture prevents chronic alcohol-induced liver injury. <i>FASEB Journal</i> , 2013, 27, 1106.1.	0.2	0
82	FGF21 Mediates Alcohol-Induced Adipose Tissue Lipolysis by Activation of Systemic Release of Catecholamine in Mice. <i>FASEB Journal</i> , 2015, 29, 1020.4.	0.2	0
83	Probiotic Lactobacillus rhamnosus GG attenuates BDL-induced liver injury through reduction of hepatic bile acid accumulation and induction of gut bile acid excretion in mice. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
84	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.	0.2	0