

# Lianmin Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

15,557  
citations

331670

21  
h-index

302126

39  
g-index

55  
all docs

55  
docs citations

55  
times ranked

17512  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sequence of the Human Genome. <i>Science</i> , 2001, 291, 1304-1351.	12.6	12,623
2	VFDB: a reference database for bacterial virulence factors. <i>Nucleic Acids Research</i> , 2004, 33, D325-D328.	14.5	1,287
3	Environmental factors shaping the gut microbiome in a Dutch population. <i>Nature</i> , 2022, 604, 732-739.	27.8	239
4	The long-term genetic stability and individual specificity of the human gut microbiome. <i>Cell</i> , 2021, 184, 2302-2315.e12.	28.9	166
5	Gut Microbial Associations to Plasma Metabolites Linked to Cardiovascular Phenotypes and Risk. <i>Circulation Research</i> , 2019, 124, 1808-1820.	4.5	137
6	Effect of host genetics on the gut microbiome in 7,738 participants of the Dutch Microbiome Project. <i>Nature Genetics</i> , 2022, 54, 143-151.	21.4	132
7	Association of Insulin Resistance and Type 2 Diabetes With Gut Microbial Diversity. <i>JAMA Network Open</i> , 2021, 4, e2118811.	5.9	119
8	<i>Megasphaera elsdenii</i> Lactate Degradation Pattern Shifts in Rumen Acidosis Models. <i>Frontiers in Microbiology</i> , 2019, 10, 162.	3.5	91
9	Gut microbial co-abundance networks show specificity in inflammatory bowel disease and obesity. <i>Nature Communications</i> , 2020, 11, 4018.	12.8	80
10	MiR-26b modulates insulin sensitivity in adipocytes by interrupting the PTEN/PI3K/AKT pathway. <i>International Journal of Obesity</i> , 2015, 39, 1523-1530.	3.4	65
11	Genetic and Microbial Associations to Plasma and Fecal Bile Acids in Obesity Relate to Plasma Lipids and Liver Fat Content. <i>Cell Reports</i> , 2020, 33, 108212.	6.4	55
12	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drugâ€“metabolite atlas. <i>Nature Medicine</i> , 2020, 26, 110-117.	30.7	54
13	Sigma-1 receptor deficiency reduces MPTP-induced parkinsonism and death of dopaminergic neurons. <i>Cell Death and Disease</i> , 2015, 6, e1832-e1832.	6.3	50
14	Characterization of gut microbial structural variations as determinants of human bile acid metabolism. <i>Cell Host and Microbe</i> , 2021, 29, 1802-1814.e5.	11.0	43
15	Dexmedetomidine attenuation of renal ischaemia-reperfusion injury requires sirtuin 3 activation. <i>British Journal of Anaesthesia</i> , 2018, 121, 1260-1271.	3.4	40
16	A system biology perspective on environmentâ€“hostâ€“microbe interactions. <i>Human Molecular Genetics</i> , 2018, 27, R187-R194.	2.9	37
17	Enhanced antitumor efficacy through microwave ablation in combination with immune checkpoints blockade in breast cancer: A pre-clinical study in a murine model. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 135-142.	3.2	36
18	Progesterone and the Repression of Myometrial Inflammation: The Roles of MKP-1 and the AP-1 System. <i>Molecular Endocrinology</i> , 2015, 29, 1454-1467.	3.7	33

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19	Selective suppression of microglial activation by paeoniflorin attenuates morphine tolerance. <i>European Journal of Pain</i> , 2015, 19, 908-919.	2.8	30
20	Effects of Glucose and Starch on Lactate Production by Newly Isolated <i>Streptococcus bovis</i> S1 from Saanen Goats. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5982-5989.	3.1	28
21	Effects of dietary physically effective neutral detergent fiber content on the feeding behavior, digestibility, and growth of 8- to 10-month-old Holstein replacement heifers. <i>Journal of Dairy Science</i> , 2017, 100, 1161-1169.	3.4	22
22	Feeding corn grain steeped in citric acid modulates rumen fermentation and inflammatory responses in dairy goats. <i>Animal</i> , 2019, 13, 301-308.	3.3	21
23	Jugular arginine supplementation increases lactation performance and nitrogen utilization efficiency in lactating dairy cows. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 3.	5.3	18
24	Relative significances of pH and substrate starch level to roles of <i>Streptococcus bovis</i> S1 in rumen acidosis. <i>AMB Express</i> , 2016, 6, 80.	3.0	15
25	A Benchmark of Genetic Variant Calling Pipelines Using Metagenomic Short-Read Sequencing. <i>Frontiers in Genetics</i> , 2021, 12, 648229.	2.3	15
26	Exploration of serum sensitive biomarkers of fatty liver in dairy cows. <i>Scientific Reports</i> , 2018, 8, 13574.	3.3	12
27	Decoding microbial genomes to understand their functional roles in human complex diseases. , 2022, 1, .		12
28	Inhibition of arginase via jugular infusion of N <sup>ω</sup> -hydroxy-nor-l-arginine inhibits casein synthesis in lactating dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 3514-3523.	3.4	11
29	Short communication: Arginase inhibition reduces the synthesis of casein in bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2017, 100, 4128-4133.	3.4	10
30	Arginine Supply Impacts the Expression of Candidate microRNA Controlling Milk Casein Yield in Bovine Mammary Tissue. <i>Animals</i> , 2020, 10, 797.	2.3	7
31	Protection and immunological study on two tetraspanin-derived vaccine candidates against schistosomiasis japonicum. <i>Parasite Immunology</i> , 2016, 38, 589-598.	1.5	6
32	Association between temperament related traits and single nucleotide polymorphisms in the serotonin and oxytocin systems in Merino sheep. <i>Genes, Brain and Behavior</i> , 2021, 20, e12714.	2.2	6
33	Periodontal breakdown inter-tooth relationships in estimating periodontitis-related tooth loss. <i>Journal of Dentistry</i> , 2021, 112, 103755.	4.1	6
34	The preliminary study on the effects of growth hormone and insulin-like growth factor on casein synthesis in bovine mammary epithelial cells <i>in vitro</i> . <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 251-255.	2.2	3
35	Microwave ablation combined with doxorubicin enhances cell death via promoting reactive oxygen species generation in breast cancer cells. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 783-791.	3.2	3
36	676 Effects of grain source and starch concentration in dairy goat diet on ruminal fermentation, milk production, and inflammation. <i>Journal of Animal Science</i> , 2017, 95, 330-330.	0.5	2

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37	Arginine Alters miRNA Expression Involved in Development and Proliferation of Rat Mammary Tissue. <i>Animals</i> , 2021, 11, 535.	2.3	2
38	The Long-Term Genetic Stability and Individual Specificity of the Human Gut Microbiome. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
39	Large HDL particles negatively associate with leukocyte counts independent of cholesterol efflux capacity: A cross sectional study in the population-based LifeLines DEEP cohort. <i>Atherosclerosis</i> , 2022, 343, 20-27.	0.8	2
40	eHypertension: A prospective longitudinal multi-omics essential hypertension cohort. , 2022, 1, .		2
41	Omeprazole-Induced Dysbiosis Impacts Bile Acid Metabolism In Mice And Humans. <i>Atherosclerosis</i> , 2019, 287, e120.	0.8	1
42	Ginseng berry concentrate prevents colon cancer via cell cycle, apoptosis regulation, and inflammation-linked Th17 cell differentiation. <i>Journal of Physiology and Pharmacology</i> , 2021, 72, .	1.1	1
43	PSI-27 Feeding corn grain steeped in citric acid modulates rumen fermentation and inflammatory responses in dairy goats.. <i>Journal of Animal Science</i> , 2018, 96, 186-186.	0.5	0
44	Gut Microbial Structural Variations as Determinants of Human Bile Acid Metabolism. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
45	Gut Microbial Structural Variations as Determinants of Human Bile Acid Metabolism. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0