## Fei Liu

## List of Publications by Year in descending order

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186265 302126 2,348 121 28 39 citations h-index g-index papers 126 126 126 2598 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	Probiotic Mixture of Lactobacillus plantarum Strains Improves Lipid Metabolism and Gut Microbiota Structure in High Fat Diet-Fed Mice. Frontiers in Microbiology, 2020, 11, 512.	3.5	95
2	<i>Lactobacillus plantarum</i> KLDS1.0344 and <i>Lactobacillus acidophilus</i> KLDS1.0901 Mixture Prevents Chronic Alcoholic Liver Injury in Mice by Protecting the Intestinal Barrier and Regulating Gut Microbiota and Liver-Related Pathways. Journal of Agricultural and Food Chemistry, 2021, 69, 183-197.	5.2	77
3	Study of the alleviation effects of a combination of <i>Lactobacillus rhamnosus</i> and inulin on mice with colitis. Food and Function, 2020, 11, 3823-3837.	4.6	69
4	<i>Lactobacillus helveticus</i> KLDS1.8701 alleviates <scp>d</scp> -galactose-induced aging by regulating Nrf-2 and gut microbiota in mice. Food and Function, 2018, 9, 6586-6598.	4.6	66
5	Application of a clustering method on sentiment analysis. Journal of Information Science, 2012, 38, 127-139.	3.3	57
6	Knockout of <i>RP2 </i> decreases GRK1 and rod transducin subunits and leads to photoreceptor degeneration in zebrafish. Human Molecular Genetics, 2015, 24, 4648-4659.	2.9	57
7	Ablation of EYS in zebrafish causes mislocalisation of outer segment proteins, F-actin disruption and cone-rod dystrophy. Scientific Reports, 2017, 7, 46098.	3.3	52
8	CERKL regulates autophagy via the NAD-dependent deacetylase SIRT1. Autophagy, 2019, 15, 453-465.	9.1	50
9	CERKL interacts with mitochondrial TRX2 and protects retinal cells from oxidative stress-induced apoptosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1121-1129.	3.8	48
10	Evaluating the Safety of Potential Probiotic Enterococcus durans KLDS6.0930 Using Whole Genome Sequencing and Oral Toxicity Study. Frontiers in Microbiology, 2018, 9, 1943.	3.5	48
11	HSF4 regulates lens fiber cell differentiation by activating p53 and its downstream regulators. Cell Death and Disease, 2017, 8, e3082-e3082.	6.3	47
12	Protective effects of tryptophan-catabolizing <i>Lactobacillus plantarum</i> KLDS 1.0386 against dextran sodium sulfate-induced colitis in mice. Food and Function, 2020, 11, 10736-10747.	4.6	47
13	In Vitro and In Vivo Evaluation of Lactobacillus delbrueckii subsp. bulgaricus KLDS1.0207 for the Alleviative Effect on Lead Toxicity. Nutrients, 2017, 9, 845.	4.1	45
14	Coupling hydrochemistry and stable isotopes to identify the major factors affecting groundwater geochemical evolution in the Heilongdong Spring Basin, North China. Journal of Geochemical Exploration, 2019, 205, 106352.	3.2	43
15	Using multivariate statistical techniques and geochemical modelling to identify factors controlling the evolution of groundwater chemistry in a typical transitional area between Taihang Mountains and North China Plain. Hydrological Processes, 2020, 34, 1888-1905.	2.6	43
16	CERKL gene knockout disturbs photoreceptor outer segment phagocytosis and causes rod-cone dystrophy in zebrafish. Human Molecular Genetics, 2017, 26, 2335-2345.	2.9	42
17	Knockout of ush2a gene in zebrafish causes hearing impairment and late onset rod-cone dystrophy. Human Genetics, 2018, 137, 779-794.	3.8	42
18	<i>Lactobacillus plantarum</i> 69-2 Combined with Galacto-Oligosaccharides Alleviates <scp>d</scp> -Galactose-Induced Aging by Regulating the AMPK/SIRT1 Signaling Pathway and Gut Microbiota in Mice. Journal of Agricultural and Food Chemistry, 2021, 69, 2745-2757.	5.2	41

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19	Sentiment analysis based on clustering: a framework in improving accuracy and recognizing neutral opinions. Applied Intelligence, 2014, 40, 441-452.	5.3	39
20	Geochemical characterization of shallow groundwater using multivariate statistical analysis and geochemical modeling in an irrigated region along the upper Yellow River, Northwestern China. Journal of Geochemical Exploration, 2020, 215, 106565.	3.2	39
21	Purification and antimicrobial mechanism of a novel bacteriocin produced by Lactobacillus rhamnosus 1.0320. LWT - Food Science and Technology, 2021, 137, 110338.	5.2	39
22	Sentiment analysis: An automatic contextual analysis and ensemble clustering approach and comparison. Data and Knowledge Engineering, 2018, 115, 194-213.	3.4	38
23	Short communication: Genomic and phenotypic analyses of exopolysaccharides produced by Streptococcus thermophilus KLDS SM. Journal of Dairy Science, 2018, 101, 106-112.	3.4	38
24	HSF4 promotes G1/S arrest in human lens epithelial cells by stabilizing p53. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1808-1817.	4.1	36
25	Survey of business process management: challenges and solutions. Enterprise Information Systems, 2017, 11, 1119-1153.	4.7	34
26	Complete Genome Sequence of Streptococcus thermophilus KLDS 3.1003, A Strain with High Antimicrobial Potential against Foodborne and Vaginal Pathogens. Frontiers in Microbiology, 2017, 8, 1238.	3.5	34
27	<i>In vitro</i> and <i>in vivo</i> evaluation of an exopolysaccharide produced by <i>Lactobacillus helveticus</i> KLDS1.8701 for the alleviative effect on oxidative stress. Food and Function, 2019, 10, 1707-1717.	4.6	34
28	Lactobacillus xiangfangensis sp. nov., isolated from Chinese pickle. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 860-863.	1.7	32
29	<i>Bifidobacterium dentium</i> N8 with potential probiotic characteristics prevents LPS-induced intestinal barrier injury by alleviating the inflammatory response and regulating the tight junction in Caco-2 cell monolayers. Food and Function, 2021, 12, 7171-7184.	4.6	31
30	A clustering-based approach on sentiment analysis. , 2010, , .		30
31	Knocking out lca5 in zebrafish causes cone-rod dystrophy due to impaired outer segment protein trafficking. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2694-2705.	3.8	28
32	Fuzzy linguistic logic programming and its applications. Theory and Practice of Logic Programming, 2009, 9, 309-341.	1.5	26
33	Safety Assessment of Lactobacillus helveticus KLDS1.8701 Based on Whole Genome Sequencing and Oral Toxicity Studies. Toxins, 2017, 9, 301.	3.4	26
34	Knockout of Nr2e3 prevents rod photoreceptor differentiation and leads to selective L-/M-cone photoreceptor degeneration in zebrafish. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1273-1283.	3.8	26
35	BCAS2 is essential for hematopoietic stem and progenitor cell maintenance during zebrafish embryogenesis. Blood, 2019, 133, 805-815.	1.4	26
36	Rpgrip1 is required for rod outer segment development and ciliary protein trafficking in zebrafish. Scientific Reports, 2017, 7, 16881.	3.3	24

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37	Leuconostoc mesenteroides subsp. suionicum subsp. nov International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1548-1551.	1.7	23
38	Isolation and characterisation of lytic bacteriophages against Pseudomonas spp., a novel biological intervention for preventing spoilage of raw milk. International Dairy Journal, 2016, 55, 72-78.	3.0	22
39	Effect of bile salt hydrolase-active Lactobacillus plantarum KLDS 1.0344 on cholesterol metabolism in rats fed a high-cholesterol diet. Journal of Functional Foods, 2019, 61, 103497.	3.4	22
40	Deletion of the transmembrane protein Prom1b in zebrafish disrupts outer-segment morphogenesis and causes photoreceptor degeneration. Journal of Biological Chemistry, 2019, 294, 13953-13963.	3.4	22
41	Microencapsulation of <i>Lactobacillus rhamnosus</i> GG by Transglutaminase Crossâ€Linked Soy Protein Isolate to Improve Survival in Simulated Gastrointestinal Conditions and Yoghurt. Journal of Food Science, 2016, 81, M1726-34.	3.1	21
42	Loss-of-function Mutation in PMVK Causes Autosomal Dominant Disseminated Superficial Porokeratosis. Scientific Reports, 2016, 6, 24226.	3.3	21
43	In vitro Organic Acid Production and In Vivo Food Pathogen Suppression by Probiotic S. thermophilus and L. bulgaricus. Frontiers in Microbiology, 2019, 10, 782.	3.5	21
44	Alleviation Effects of Bifidobacterium animalis subsp. lactis XLTG11 on Dextran Sulfate Sodium-Induced Colitis in Mice. Microorganisms, 2021, 9, 2093.	3.6	21
45	pVHL interacts with Ceramide kinase like (CERKL) protein and ubiquitinates it for oxygen dependent proteasomal degradation. Cellular Signalling, 2015, 27, 2314-2323.	3 <b>.</b> 6	20
46	Heterologous expression of the Bacillus subtilis (natto) alanine dehydrogenase in Escherichia coli and Lactococcus lactis. Microbiological Research, 2010, 165, 268-275.	5.3	19
47	Complete genome sequence of Enterococcus durans KLDS6.0933, a potential probiotic strain with high cholesterol removal ability. Gut Pathogens, 2018, 10, 32.	3.4	19
48	DEVELOPMENT AND EVALUATION OF A LOOPâ€MEDIATED ISOTHERMAL AMPLIFICATION METHOD FOR DETECTING <i>ESCHERICHIA COLI</i> I> 0157 IN RAW MILK. Journal of Rapid Methods and Automation in Microbiology, 2009, 17, 55-66.	0.4	18
49	Recent developments in the organization goals conformance using ontology. Expert Systems With Applications, 2013, 40, 4252-4267.	7.6	18
50	Identification of surface-associated proteins of Bifidobacterium animalis ssp. lactis KLDS 2.0603 by enzymatic shaving. Journal of Dairy Science, 2016, 99, 5155-5172.	3.4	18
51	Characterization of basin-scale aquifer heterogeneity using transient hydraulic tomography with aquifer responses induced by groundwater exploitation reduction. Journal of Hydrology, 2020, 588, 125137.	5.4	18
52	Effects of vitamin E on the concentration of conjugated linoleic acids and accumulation of intermediates of ruminal biohydrogenation in vitro. Small Ruminant Research, 2013, 111, 63-70.	1.2	17
53	NADâ€dependent lactate dehydrogenase catalyses the first step in respiratory utilization of lactate by <i>Lactococcus lactis</i> . FEBS Open Bio, 2013, 3, 379-386.	2.3	17
54	Pathogenic mutations in retinitis pigmentosa 2 predominantly result in loss of RP2 protein stability in humans and zebrafish. Journal of Biological Chemistry, 2017, 292, 6225-6239.	3.4	16

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55	Study of the immunoregulatory effect of Lactobacillus rhamnosus 1.0320 in immunosuppressed mice. Journal of Functional Foods, 2021, 79, 104423.	3.4	15
56	A novel secure business process modeling approach and its impact on business performance. Information Sciences, 2014, 277, 375-395.	6.9	14
57	Screening beneficial bacteriostatic lactic acid bacteria in the intestine and studies of bacteriostatic substances. Journal of Zhejiang University: Science B, 2021, 22, 533-547.	2.8	14
58	Effects of Lactobacillus acidophilus KLDS1.0901 on Proliferation and Apoptosis of Colon Cancer Cells. Frontiers in Microbiology, 2021, 12, 788040.	3.5	14
59	Live/dead state is not the factor influencing adhesion ability of Bifidobacterium animalis KLDS2.0603. Journal of Microbiology, 2013, 51, 584-589.	2.8	13
60	Complete genome sequence of Enterococcus durans KLDS6.0930, a strain with probiotic properties. Journal of Biotechnology, 2016, 217, 49-50.	3.8	13
61	Major Traditional Probiotics: Comparative Genomic Analyses and Roles in Gut Microbiome of Eight Cohorts. Frontiers in Microbiology, 2019, 10, 712.	3 <b>.</b> 5	13
62	Potential of Hydraulic Tomography in Identifying Boundary Conditions of Groundwater Basins. Water Resources Research, 2020, 56, e2020WR028331.	4.2	13
63	Lactobacillus delbrueckii subsp. bulgaricus KLDS 1.0207 Exerts Antimicrobial and Cytotoxic Effects in vitro and Improves Blood Biochemical Parameters in vivo Against Notable Foodborne Pathogens. Frontiers in Microbiology, 2020, 11, 583070.	3.5	12
64	Combined proteomics and transcriptomics analysis of Lactococcus lactis under different culture conditions. Journal of Dairy Science, 2021, 104, 2564-2580.	3.4	12
65	Groundwater quality assessment and health risks from nitrate contamination in the Heilongdong Spring Basin, a typical headwater basin of the North China Plain. Environmental Science and Pollution Research, 2022, 29, 17655-17670.	<b>5.</b> 3	12
66	Complete genome sequence of Lactobacillus helveticus KLDS1.8701, a probiotic strain producing bacteriocin. Journal of Biotechnology, 2015, 212, 90-91.	3.8	11
67	Dynamic feature weighting based on user preference sensitivity for recommender systems. Knowledge-Based Systems, 2018, 149, 61-75.	7.1	11
68	Suppressive effects of <i>Streptococcus thermophilus</i> KLDS 3.1003 on some foodborne pathogens revealed through <i>in vitro, in vivo</i> and genomic insights. Food and Function, 2020, 11, 6573-6587.	4.6	11
69	Genome-Wide Identification of Small RNAs in Bifidobacterium animalis subsp. lactis KLDS 2.0603 and Their Regulation Role in the Adaption to Gastrointestinal Environment. PLoS ONE, 2015, 10, e0117373.	2.5	11
70	Phreatic Water Quality Assessment and Associated Hydrogeochemical Processes in an Irrigated Region Along the Upper Yellow River, Northwestern China. Water (Switzerland), 2020, 12, 463.	2.7	11
71	Identification, Characterization, and Antioxidant Potential of Bifidobacterium longum subsp. longum Strains Isolated From Feces of Healthy Infants. Frontiers in Microbiology, 2021, 12, 756519.	3.5	11
72	Analysis of the complete genome sequence of Lactobacillus delbrueckii ssp. bulgaricus with post-acidification capacity and its influence on yogurt in storage. Journal of Dairy Science, 2022, 105, 1058-1071.	3.4	11

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73	Effect of culturing conditions on the expression of key enzymes in the proteolytic system of Lactobacillus bulgaricus. Journal of Zhejiang University: Science B, 2015, 16, 317-326.	2.8	10
74	Stress adaptation and cross-protection of <i>Lactobacillus plantarum</i> KLDS 1.0628. CYTA - Journal of Food, 2021, 19, 72-80.	1.9	10
75	Bifidobacterium longum subsp. longum K5 alleviates inflammatory response and prevents intestinal barrier injury induced by LPS in vitro based on comparative genomics. Journal of Functional Foods, 2022, 92, 105030.	3.4	10
76	Identification of a novel NOG mutation in a Chinese family with proximal symphalangism. Clinica Chimica Acta, 2014, 429, 129-133.	1.1	9
77	BCAS2 interacts with HSF4 and negatively regulates its protein stability via ubiquitination. International Journal of Biochemistry and Cell Biology, 2015, 68, 78-86.	2.8	9
78	Complete genome sequence of Bifidobacterium animalis subsp. lactis KLDS 2.0603, a probiotic strain with digestive tract resistance and adhesion to the intestinal epithelial cells. Journal of Biotechnology, 2016, 220, 49-50.	3.8	9
79	Tree-structure Based Ontology Integration. Journal of Information Science, 2011, 37, 594-613.	3.3	8
80	Average waiting time of customers in a new queue system with different classes. Business Process Management Journal, 2013, 19, 146-168.	4.2	8
81	The chromatin remodeler Brg1 is required for formation and maintenance of hematopoietic stem cells. FASEB Journal, 2020, 34, 11997-12008.	0.5	8
82	Rod genesis driven by mafba in an nrl knockout zebrafish model with altered photoreceptor composition and progressive retinal degeneration. PLoS Genetics, 2022, 18, e1009841.	3.5	8
83	Business Process Modelling Towards Derivation of Information Technology Goals. , 2012, , .		7
84	Business process modelling towards derive and implement IT goals. , 2013, , .		7
85	An empirical study of a novel managing customer power model and business performance in the mobile service industry. Business Process Management Journal, 2014, 20, 816-843.	4.2	7
86	Tabulation proof procedures for fuzzy linguistic logic programming. International Journal of Approximate Reasoning, 2015, 63, 62-88.	3.3	7
87	Comprehensive structured knowledge base system construction with natural language presentation. Human-centric Computing and Information Sciences, 2019, 9, .	6.1	7
88	Characterization of antibacterial activity and mechanisms of two linear derivatives of bactenecin. LWT - Food Science and Technology, 2019, 107, 89-97.	5.2	7
89	Selected lactobacilli strains inhibit inflammation in LPS-induced RAW264.7 macrophages by suppressing the TLR4-mediated NF-κB and MAPKs activation. Food Science and Technology, 0, 42, .	1.7	7
90	The Expression of GroEL Protein Amplified from <i>Bifidobacterium animalis </i> subsp. <i>lactis </i> StLDS 2.0603 and its Role in Competitive Adhesion to Caco-2. Food Biotechnology, 2016, 30, 292-305.	1.5	6

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91	Business process modelling framework derive and implement IT goals: a case study. International Journal of Industrial and Systems Engineering, 2016, 22, 161.	0.2	6
92	Probiotic Effects and Metabolic Products of Enterococcus faecalis LD33 with Respiration Capacity. Foods, 2022, 11, 606.	4.3	6
93	Quantifying textual terms of items for similarity measurement. Information Sciences, 2017, 415-416, 269-282.	6.9	5
94	Effect of Bifidobacterium longum subsp. longum on the proliferative and tight-junction activities of Human Fetal Colon Epithelial Cells. Journal of Functional Foods, 2021, 86, 104715.	3.4	5
95	Protection through multimedia CAPTCHAs. , 2010, , .		4
96	Mutation c.359_363delGTATTinsATAC in the COL4A5 Causes alport syndrome in a Chinese family. Gene, 2013, 512, 482-485.	2.2	4
97	Insights from stable isotopes of water and hydrochemistry to the evolutionary processes of groundwater in the Subei lake basin, Ordos energy base, Northwestern China. Isotopes in Environmental and Health Studies, 2019, 55, 438-458.	1.0	4
98	Entropic Feature Discrimination Ability for Pattern Classification Based on Neural IAL. Lecture Notes in Computer Science, 2012, , 30-37.	1.3	4
99	COGBROKER — A COGNITIVE APPROACH TO INTELLIGENT PRODUCT BROKERING FOR E-COMMERCE. International Journal of Computational Intelligence and Applications, 2008, 07, 401-427.	0.8	3
100	Queuing system for different classes of customers. International Journal of Business Information Systems, 2013, 13, 418.	0.2	3
101	Study on supplementary food with beneficial effects on the gut microbiota of infants. Food Bioscience, 2021, 43, 101291.	4.4	3
102	Mathematical fuzzy logic with many dual hedges. , 2014, , .		2
103	Mathematical Modeling and Intelligent Algorithm for Multirobot Path Planning. Mathematical Problems in Engineering, 2017, 2017, 1-2.	1.1	2
104	Genomic and (i) in vitro (i) properties of the dairy (i) Streptococcus thermophilus (i) SMQ-301 strain against selected pathogens. Food and Function, 2021, 12, 7017-7028.	4.6	2
105	Web Information Representation, Extraction, and Reasoning based on Existing Programming Technology. Studies in Computational Intelligence, 2007, , 147-168.	0.9	2
106	Layered RDF: An object-oriented approach to web information representation. Web Intelligence and Agent Systems, 2009, 7, 281-301.	0.4	1
107	Identification of a Lactic Acid Bacteria Strain from Traditional Dairy Products. Advanced Materials Research, 2013, 781-784, 1599-1602.	0.3	1
108	A semantic approach for web reasoning. Information Sciences, 2014, 279, 827-859.	6.9	1

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109	Reply to Corbeil et al.: Deletion of the transmembrane protein Prom1b in zebrafish disrupts outer-segment morphogenesis and causes photoreceptor degeneration. Journal of Biological Chemistry, 2019, 294, 17167.	3.4	1
110	Correction: Suppressive effects of Streptococcus thermophilus KLDS 3.1003 on some foodborne pathogens revealed through in vitro, in vivo and genomic insights. Food and Function, 2021, 12, 3280-3280.	4.6	1
111	A Data Model for Fuzzy Linguistic Databases with Flexible Querying. Lecture Notes in Computer Science, 2009, , 495-505.	1.3	1
112	Fuzzy Linguistic Logic Programming. Lecture Notes in Computer Science, 2008, , 438-448.	1.3	1
113	Trigger Technique in an Infinite Herbrand Universe. , 2006, , .		0
114	An adaptable transport protocol based on Genetic Algorithms. International Journal of Information and Communication Technology, 2008, 1, 199.	0.1	0
115	A framework on ontology integration. , 2010, , .		0
116	Advances in Methods for Networked and Cyber-Physical System. Journal of Control Science and Engineering, 2014, 2014, 1-2.	1.0	0
117	Taxonomy Tree Based Similarity Measurement of Textual Attributes of Items for Recommender Systems. Lecture Notes in Computer Science, 2016, , 294-301.	1.3	0
118	Temporal sampling and role of flux measurements for subsurface heterogeneous characterization in groundwater basins using hydraulic tomography. Hydrological Processes, 2021, 35, e14299.	2.6	0
119	Fixpoint Semantics and Completeness of the Computational Model for Fuzzy Linguistic Logic Programming. Lecture Notes in Computer Science, 2008, , 420-429.	1.3	0
120	Feature Selection in Growing Dimensional Space for Classification Based on Neural Incremental Attribute Learning. Lecture Notes in Electrical Engineering, 2014, , 501-507.	0.4	0
121	Expression of the key enzyme gene of the proteolytic system in <i>Lacbobacillus bulgaricus</i> Transactions on Biomedicine and Health, 2014, , .	0.0	O