

Weifen Li

List of Publications by Year in descending order

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91
papers

3,535
citations

147801

31
h-index

155660

55
g-index

95
all docs

95
docs citations

95
times ranked

4141
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Properties of Probiotic Bacteria. <i>Nutrients</i> , 2017, 9, 521.	4.1	547
2	Effect of probiotics, <i>Enterococcus faecium</i> , on tilapia (<i>Oreochromis niloticus</i>) growth performance and immune response. <i>Aquaculture</i> , 2008, 277, 203-207.	3.5	203
3	Effect of treatment with probiotics as water additives on tilapia (<i>Oreochromis niloticus</i>) growth performance and immune response. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 501-509.	2.3	187
4	Effect of dietary supplementation with <i>Bacillus subtilis</i> on the growth, performance, immune response and antioxidant activities of the shrimp (<i>Litopenaeus vannamei</i>). <i>Aquaculture Research</i> , 2010, 41, 1691-1698.	1.8	146
5	Apidaecin-type peptides: Biodiversity, structure–function relationships and mode of action. <i>Peptides</i> , 2006, 27, 2350-2359.	2.4	121
6	<i>Bacillus amyloliquefaciens</i> SC06 alleviates the oxidative stress of IPEC-1 via modulating Nrf2/Keap1 signaling pathway and decreasing ROS production. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3015-3026.	3.6	117
7	Bottlenecks in the expression and secretion of heterologous proteins in <i>Bacillus subtilis</i> . <i>Research in Microbiology</i> , 2004, 155, 605-610.	2.1	108
8	Changes in growth performance, digestive enzyme activities and nutrient digestibility of cherry valley ducks in response to aflatoxin B1 levels. <i>Livestock Science</i> , 2008, 119, 216-220.	1.6	92
9	Effects of probiotics <i>Lactobacillus plantarum</i> 16 and <i>Paenibacillus polymyxa</i> 10 on intestinal barrier function, antioxidative capacity, apoptosis, immune response, and biochemical parameters in broilers. <i>Poultry Science</i> , 2019, 98, 5028-5039.	3.4	83
10	Effects of <i>Bacillus</i> preparations on immunity and antioxidant activities in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1585-1592.	2.3	77
11	The role of autophagy in maintaining intestinal mucosal barrier. <i>Journal of Cellular Physiology</i> , 2019, 234, 19406-19419.	4.1	65
12	Effects of three probiotic <i>Bacillus</i> on growth performance, digestive enzyme activities, antioxidative capacity, serum immunity, and biochemical parameters in broilers. <i>Animal Science Journal</i> , 2018, 89, 1561-1571.	1.4	64
13	Construction and characterization of a bifunctional fusion enzyme of <i>Bacillus</i> -sourced α -glucanase and xylanase expressed in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 2006, 261, 224-230.	1.8	52
14	Branched-chain amino acids modulate the expression of hepatic fatty acid metabolism-related genes in female broiler chickens. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1171-1181.	3.3	49
15	Glycyrrhizic Acid Promotes M1 Macrophage Polarization in Murine Bone Marrow-Derived Macrophages Associated with the Activation of JNK and NF- κ B. <i>Mediators of Inflammation</i> , 2015, 1-12.	3.0	49
16	High Specific Selectivity and Membrane-Active Mechanism of Synthetic Cationic Hybrid Antimicrobial Peptides Based on the Peptide FV7. <i>International Journal of Molecular Sciences</i> , 2017, 18, 339.	4.1	49
17	Effects of Dietary <i>Bacillus licheniformis</i> on Gut Physical Barrier, Immunity, and Reproductive Hormones of Laying Hens. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 292-299.	3.9	47
18	Probiotic <i>Bacillus amyloliquefaciens</i> SC06 Induces Autophagy to Protect against Pathogens in Macrophages. <i>Frontiers in Microbiology</i> , 2017, 8, 469.	3.5	47

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19	Probiotic <i>Bacillus</i> Attenuates Oxidative Stress- Induced Intestinal Injury via p38-Mediated Autophagy. <i>Frontiers in Microbiology</i> , 2019, 10, 2185.	3.5	46
20	<i>Bacillus amyloliquefaciens</i> SC06 Protects Mice Against High-Fat Diet-Induced Obesity and Liver Injury via Regulating Host Metabolism and Gut Microbiota. <i>Frontiers in Microbiology</i> , 2019, 10, 1161.	3.5	43
21	Effects of probiotic <i>Bacillus</i> as a substitute for antibiotics on antioxidant capacity and intestinal autophagy of piglets. <i>AMB Express</i> , 2017, 7, 52.	3.0	42
22	Probiotic <i>Paenibacillus polymyxa</i> 10 and <i>Lactobacillus plantarum</i> 16 enhance growth performance of broilers by improving the intestinal health. <i>Animal Nutrition</i> , 2021, 7, 829-840.	5.1	42
23	Effect of photosynthetic bacteria on water quality and microbiota in grass carp culture. <i>World Journal of Microbiology and Biotechnology</i> , 2014, 30, 2523-2531.	3.6	40
24	Probiotic <i>Bacillus amyloliquefaciens</i> mediate M1 macrophage polarization in mouse bone marrow-derived macrophages. <i>Archives of Microbiology</i> , 2013, 195, 349-356.	2.2	39
25	Oral administration of <i>Lactobacillus rhamnosus</i> GG to newborn piglets augments gut barrier function in pre-weaning piglets. <i>Journal of Zhejiang University: Science B</i> , 2019, 20, 180-192.	2.8	39
26	Effects of Replacing of Inorganic Trace Minerals by Organically Bound Trace Minerals on Growth Performance, Tissue Mineral Status, and Fecal Mineral Excretion in Commercial Grower-Finisher Pigs. <i>Biological Trace Element Research</i> , 2016, 173, 316-324.	3.5	38
27	Application of <i>Bacillus coagulans</i> in Animal Husbandry and Its Underlying Mechanisms. <i>Animals</i> , 2020, 10, 454.	2.3	38
28	Effects of Probiotic <i>Bacillus</i> as an Alternative of Antibiotics on Digestive Enzymes Activity and Intestinal Integrity of Piglets. <i>Frontiers in Microbiology</i> , 2018, 9, 2427.	3.5	37
29	Protocatechuic acid improved growth performance, meat quality, and intestinal health of Chinese yellow-feathered broilers. <i>Poultry Science</i> , 2019, 98, 3138-3149.	3.4	37
30	<i>Bacillus subtilis</i> SC02 supplementation causes alterations of the microbial diversity in grass carp water. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 1645-1653.	3.6	36
31	Multiple Strategy Optimization of Specifically Targeted Antimicrobial Peptide Based on Structure-Activity Relationships to Enhance Bactericidal Efficiency. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 398-414.	5.2	34
32	The Denitrification Characteristics of <i>Pseudomonas stutzeri</i> SC221-M and Its Application to Water Quality Control in Grass Carp Aquaculture. <i>PLoS ONE</i> , 2014, 9, e114886.	2.5	33
33	Characterization and functional analysis of toll-like receptor 4 in Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Developmental and Comparative Immunology</i> , 2016, 63, 128-135.	2.3	33
34	In vitro assessment of gastrointestinal viability of two photosynthetic bacteria, <i>Rhodospseudomonas palustris</i> and <i>Rhodobacter sphaeroides</i> . <i>Journal of Zhejiang University: Science B</i> , 2007, 8, 686-692.	2.8	32
35	Effect of dietary supplementation of <i>Bacillus subtilis</i> B10 on biochemical and molecular parameters in the serum and liver of high-fat diet-induced obese mice. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 487-495.	2.8	32
36	<i>Echinacea pupurea</i> extracts promote murine dendritic cell maturation by activation of JNK, p38 MAPK and NF- κ B pathways. <i>Developmental and Comparative Immunology</i> , 2017, 73, 21-26.	2.3	31

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37	Immunomodulatory effects of <i>Bacillus subtilis</i> (<i>natto</i>) B4 spores on murine macrophages. <i>Microbiology and Immunology</i> , 2012, 56, 817-824.	1.4	30
38	Nitrogen removal and water microbiota in grass carp culture following supplementation with <i>Bacillus licheniformis</i> BSK-4. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 1711-1718.	3.6	29
39	Glycyrrhizin Attenuates <i>Salmonella enterica</i> Serovar Typhimurium Infection: New Insights Into Its Protective Mechanism. <i>Frontiers in Immunology</i> , 2018, 9, 2321.	4.8	29
40	Direct-fed glucose oxidase and its combination with <i>B. amyloliquefaciens</i> SC06 on growth performance, meat quality, intestinal barrier, antioxidative status, and immunity of yellow-feathered broilers. <i>Poultry Science</i> , 2018, 97, 3540-3549.	3.4	29
41	EPSP of <i>L. casei</i> BL23 Protected against the Infection Caused by <i>Aeromonas veronii</i> via Enhancement of Immune Response in Zebrafish. <i>Frontiers in Microbiology</i> , 2017, 8, 2406.	3.5	28
42	Protective immunity against <i>Eimeria tenella</i> infection in chickens following oral immunization with <i>Bacillus subtilis</i> expressing <i>Eimeria tenella</i> 3-1E protein. <i>Parasitology Research</i> , 2015, 114, 3229-3236.	1.6	27
43	Effect of feeding apidaecin on common carp (<i>Cyprinus carpio</i>) growth performances and immune function. <i>Aquaculture</i> , 2008, 279, 108-112.	3.5	26
44	<i>Saccharomyces boulardii</i> and <i>Bacillus subtilis</i> B10 modulate TLRs and cytokines expression patterns in jejunum and ileum of broilers. <i>PLoS ONE</i> , 2017, 12, e0173917.	2.5	26
45	Effect of <i>Saccharomyces boulardii</i> and <i>Bacillus subtilis</i> B10 on gut microbiota modulation in broilers. <i>Animal Nutrition</i> , 2018, 4, 358-366.	5.1	26
46	<i>Echinacea purpurea</i> Extract Polarizes M1 Macrophages in Murine Bone Marrow-Derived Macrophages Through the Activation of JNK. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2664-2671.	2.6	25
47	Porcine genome engineering for xenotransplantation. <i>Advanced Drug Delivery Reviews</i> , 2021, 168, 229-245.	13.7	24
48	<i>Bacillus amyloliquefaciens</i> SC06 inhibits ETEC-induced pro-inflammatory responses by suppression of MAPK signaling pathways in IPEC-1 cells and diarrhea in weaned piglets. <i>Livestock Science</i> , 2013, 158, 206-214.	1.6	22
49	Probiotic <i>Bacillus</i> Alleviates Oxidative Stress-Induced Liver Injury by Modulating Gut-Liver Axis in a Rat Model. <i>Antioxidants</i> , 2022, 11, 291.	5.1	22
50	In vivo assessment for oral delivery of <i>Bacillus subtilis</i> harboring a viral protein (VP28) against white spot syndrome virus in <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2011, 322-323, 33-38.	3.5	21
51	<i>Bacillus amyloliquefaciens</i> SC06 Induced AKT-FOXO Signaling Pathway-Mediated Autophagy to Alleviate Oxidative Stress in IPEC-J2 Cells. <i>Antioxidants</i> , 2021, 10, 1545.	5.1	21
52	Effects of Dietary Supplementation of Humic Acid Sodium and Zinc Oxide on Growth Performance, Immune Status and Antioxidant Capacity of Weaned Piglets. <i>Animals</i> , 2020, 10, 2104.	2.3	19
53	Effects of Probiotics BaSC06 on Intestinal Digestion and Absorption, Antioxidant Capacity, Microbiota Composition, and Macrophage Polarization in Pigs for Fattening. <i>Frontiers in Veterinary Science</i> , 2020, 7, 570593.	2.2	19
54	<i>Saccharomyces boulardii</i> attenuates inflammatory response induced by <i>Clostridium perfringens</i> via TLR4/TLR15-MyD8 pathway in HD11 avian macrophages. <i>Poultry Science</i> , 2020, 99, 5356-5365.	3.4	19

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55	Protective Effects of <i>Lactobacillus plantarum</i> 16 and <i>Paenibacillus polymyxa</i> 10 Against <i>Clostridium perfringens</i> Infection in Broilers. <i>Frontiers in Immunology</i> , 2020, 11, 628374.	4.8	19
56	Polysaccharide from <i>Scutellaria barbata</i> D. Don attenuates inflammatory response and microbial dysbiosis in ulcerative colitis mice. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 1-9.	7.5	18
57	High-Level Secretion of a Chimeric Thermostable Lichenase from <i>Bacillus subtilis</i> by Screening of Site-Mutated Signal Peptides with Structural Alterations. <i>Current Microbiology</i> , 2008, 56, 287-292.	2.2	17
58	Protective effect of <i>Bacillus amyloliquefaciens</i> against <i>Salmonella</i> via polarizing macrophages to M1 phenotype directly and to M2 depended on microbiota. <i>Food and Function</i> , 2019, 10, 7653-7666.	4.6	17
59	Effects of <i>Bacillus subtilis</i> spores on viability and biological functions of murine macrophages. <i>Animal Science Journal</i> , 2013, 84, 247-252.	1.4	16
60	<i>Lactobacillus rhamnosus</i> GG promotes M1 polarization in murine bone marrow-derived macrophages by activating TLR2/MyD88/MAPK signaling pathway. <i>Animal Science Journal</i> , 2020, 91, e13439.	1.4	16
61	Effects of <i>Bacillus amyloliquefaciens</i> Instead of Antibiotics on Growth Performance, Intestinal Health, and Intestinal Microbiota of Broilers. <i>Frontiers in Veterinary Science</i> , 2021, 8, 679368.	2.2	14
62	A versatile mini-mazF-cassette for marker-free targeted genetic modification in <i>Bacillus subtilis</i> . <i>Journal of Microbiological Methods</i> , 2013, 95, 207-214.	1.6	13
63	The regulatory peptide pidotimod facilitates M2 macrophage polarization and its function. <i>Amino Acids</i> , 2014, 46, 1177-1185.	2.7	13
64	Dietary Supplementation With <i>Lactobacillus plantarum</i> Ameliorates Compromise of Growth Performance by Modulating Short-Chain Fatty Acids and Intestinal Dysbiosis in Broilers Under <i>Clostridium perfringens</i> Challenge. <i>Frontiers in Nutrition</i> , 2021, 8, 706148.	3.7	12
65	Identification and Functional Analysis of Interleukin-1 β in the Chinese Soft-Shelled Turtle <i>Pelodiscus sinensis</i> . <i>Genes</i> , 2016, 7, 18.	2.4	11
66	Glycyrrhizic acid activates chicken macrophages and enhances their <i>Salmonella</i> -killing capacity in vitro. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 785-795.	2.8	11
67	Effects of chicken farming on soil properties and root-associated bacterial communities in a bamboo (<i>Phyllostachys praecox</i>) ecosystem. <i>Applied Soil Ecology</i> , 2021, 157, 103725.	4.3	11
68	Probiotic <i>Bacillus amyloliquefaciens</i> SC06 Prevents Bacterial Translocation in Weaned Mice. <i>Indian Journal of Microbiology</i> , 2013, 53, 323-328.	2.7	10
69	Expression and purification of antimicrobial peptide AP2 using SUMO fusion partner technology in <i>Escherichia coli</i> . <i>Letters in Applied Microbiology</i> , 2018, 67, 606-613.	2.2	10
70	Effect of the C-terminal domains and terminal residues of catalytic domain on enzymatic activity and thermostability of lichenase from <i>Clostridium thermocellum</i> . <i>Biotechnology Letters</i> , 2010, 32, 963-967.	2.2	9
71	Spores of two probiotic <i>Bacillus</i> species enhance cellular immunity in BALB/C mice. <i>Canadian Journal of Microbiology</i> , 2018, 64, 41-48.	1.7	9
72	Leaf-Associated Shifts in Bacterial and Fungal Communities in Response to Chicken Rearing Under Moso Bamboo Forests in Subtropical China. <i>Forests</i> , 2019, 10, 216.	2.1	9

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73	<i>Bacillus amyloliquefaciens</i> SC06 alleviates the obesity of ob/ob mice and improves their intestinal microbiota and bile acid metabolism. <i>Food and Function</i> , 2022, 13, 5381-5395.	4.6	9
74	p40phox-Deficient Mice Exhibit Impaired Bacterial Clearance and Enhanced Pro-inflammatory Responses during <i>Salmonella enterica</i> serovar Typhimurium Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1270.	4.8	8
75	Bacterial complexes of <i>Bacillus subtilis</i> and <i>Pseudomonas stutzeri</i> alter the microbial composition in grass carp water. <i>Aquaculture International</i> , 2019, 27, 303-312.	2.2	8
76	<i>Bacillus amyloliquefaciens</i> Ameliorates H ₂ O ₂ -Induced Oxidative Damage by Regulating Transporters, Tight Junctions, and Apoptosis Gene Expression in Cell Line IPEC-1. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 649-656.	3.9	7
77	Effects of glucose oxidase and its combination with <i>B. amyloliquefaciens</i> SC06 on intestinal microbiota, immune response and antioxidative capacity in broilers. <i>Animal</i> , 2022, 16, 100473.	3.3	7
78	Protection of <i>Fenneropenaeus chinensis</i> (Osbeck, 1765) against the white spot syndrome virus using specific chicken egg yolk immunoglobulins by oral delivery. <i>Aquaculture Research</i> , 2010, 41, 1806-1816.	1.8	6
79	Protective Effects of <i>Lactobacillus plantarum</i> Lac16 on <i>Clostridium perfringens</i> Infection-Associated Injury in IPEC-J2 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12388.	4.1	6
80	Improved immune function of Chinese soft-shelled turtles (<i>Pelodiscus sinensis</i>) through oral probiotics via the TLR signaling pathway. <i>Aquaculture</i> , 2022, 555, 738126.	3.5	6
81	Nitrogen removal characteristics of <i>Pseudomonas stutzeri</i> F11 and its application in grass carp culture. <i>Fisheries Science</i> , 2017, 83, 89-98.	1.6	5
82	Nisin-controlled extracellular production of apidaecin in <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 947-953.	3.6	3
83	Effect of immunization with a recombinant cholera toxin B subunit/somatostatin fusion protein on immune response and growth hormone levels in mice. <i>Biotechnology Letters</i> , 2012, 34, 2199-2203.	2.2	3
84	Pidotimod exacerbates allergic pulmonary infection in an OVA mouse model of asthma. <i>Molecular Medicine Reports</i> , 2017, 16, 4151-4158.	2.4	3
85	The role of iron homeostasis and iron-mediated ROS in cancer. <i>American Journal of Cancer Research</i> , 2021, 11, 1895-1912.	1.4	3
86	Potentiating effect of pidotimod on immune responses of chickens to live attenuated Newcastle disease vaccines. <i>Italian Journal of Animal Science</i> , 2016, 15, 536-544.	1.9	2
87	Effects of complex probiotics on water quality and microbial communities in grass carp (<i>Ctenopharyngodon idellus</i>) culture. <i>Journal of Fisheries of China</i> , 2013, 37, 457.	0.1	1
88	Construction, Expression and Characterization of a Single Chain Variable Fragment Antibody Against Human Myostatin. <i>Protein and Peptide Letters</i> , 2013, 21, 45-51.	0.9	0
89	Role of p40 ^{phox} in host defense against <i>Citrobacter rodentium</i> infection. <i>FEBS Open Bio</i> , 2021, 11, 1476-1486.	2.3	0
90	The Pig Model for Studying Amino Acid-Related Human Diseases: Amino Acids and Intestinal Diseases in Preterm Infants. , 2013, , 187-202.		0

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91	Effects of Bacillus preparation added to culture water on immunity and antioxidant activities in grass carp (<i>Ctenopharyngodon idella</i>). <i>Journal of Fishery Sciences of China</i> , 2013, 19, 1027-1033.	0.2	0