

Jun He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3336042/publications.pdf>

Version: 2024-02-01

288
papers

6,948
citations

70961

41
h-index

138251

58
g-index

295
all docs

295
docs citations

295
times ranked

6399
citing authors

#	ARTICLE	IF	CITATIONS
1	Prebiotic inulin as a treatment of obesity related nonalcoholic fatty liver disease through gut microbiota: a critical review. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 862-872.	5.4	10
2	Cross-language multimodal scene semantic guidance and leap sampling for video captioning. <i>Visual Computer</i> , 2023, 39, 9-25.	2.5	1
3	Effects of slaughter age on carcass traits and meat quality of crossbred (Duroc×Landrace×Yorkshire) finishing pigs. <i>Animal Biotechnology</i> , 2022, 33, 339-345.	0.7	5
4	Procyanidin B2 induces porcine skeletal slow-twitch myofiber gene expression by AMP-activated protein kinase signaling pathway. <i>Animal Biotechnology</i> , 2022, 33, 346-355.	0.7	3
5	Dietary lycopene supplementation improves meat quality, antioxidant capacity and skeletal muscle fiber type transformation in finishing pigs. <i>Animal Nutrition</i> , 2022, 8, 256-264.	2.1	25
6	Comparisons of the micronization, steam explosion, and gamma irradiation treatment on chemical composition, structure, physicochemical properties, and in vitro digestibility of dietary fiber from soybean hulls. <i>Food Chemistry</i> , 2022, 366, 130618.	4.2	34
7	Effects of dietary grape seed proanthocyanidin extract supplementation on meat quality, muscle fiber characteristics and antioxidant capacity of finishing pigs. <i>Food Chemistry</i> , 2022, 367, 130781.	4.2	49
8	<i>Yucca schidigera</i> extract decreases nitrogen emission via improving nutrient utilisation and gut barrier function in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 1036-1045.	1.0	9
9	Anti-osteoporosis effect of Semen <i>Cuscutae</i> in ovariectomized mice through inhibition of bone resorption by osteoclasts. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114834.	2.0	13
10	Dietary supplementation of fructo-oligosaccharides alleviates enterotoxigenic <i>E. coli</i> -induced disruption of intestinal epithelium in a weaned piglet model. <i>British Journal of Nutrition</i> , 2022, 128, 1526-1534.	1.2	3
11	All-Trans Retinoic Acid Attenuates Transmissible Gastroenteritis Virus-Induced Inflammation in IPEC-J2 Cells via Suppressing the RLRs/NF- κ B Signaling Pathway. <i>Frontiers in Immunology</i> , 2022, 13, 734171.	2.2	12
12	An Eruption of LTR Retrotransposons in the Autopolyploid Genomes of <i>Chrysanthemum nankingense</i> (Asteraceae). <i>Plants</i> , 2022, 11, 315.	1.6	3
13	Ellagic acid enhances muscle endurance by affecting the muscle fiber type, mitochondrial biogenesis and function. <i>Food and Function</i> , 2022, 13, 1506-1518.	2.1	7
14	All-Trans Retinoic Acid Attenuates Transmissible Gastroenteritis Virus-Induced Apoptosis in IPEC-J2 Cells via Inhibiting ROS-Mediated P38MAPK Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 345.	2.2	10
15	Dihydromyricetin improves meat quality and promotes skeletal muscle fiber type transformations via AMPK signaling in growing-finishing pigs. <i>Food and Function</i> , 2022, 13, 3649-3659.	2.1	9
16	Secondary Metabolites from Endophytic <i>Pestalotiopsis uvicola</i> and Their P-Glycoprotein Inhibitory Activity. <i>Chemistry of Natural Compounds</i> , 2022, 58, 113-115.	0.2	2
17	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2022, 9, 806253.	0.9	6
18	Resveratrol regulates muscle fiber type gene expression through AMPK signaling pathway and miR-22-3p in porcine myotubes. <i>Animal Biotechnology</i> , 2022, 33, 579-585.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Effect of sialyllactose on growth performance and intestinal epithelium functions in weaned pigs challenged by enterotoxigenic <i>Escherichia Coli</i> . <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 30.	2.1	14
20	Dihydromyricetin Enhances Intestinal Antioxidant Capacity of Growing-Finishing Pigs by Activating ERK/Nrf2/HO-1 Signaling Pathway. <i>Antioxidants</i> , 2022, 11, 704.	2.2	12
21	Effects of dietary plant essential oil supplementation on growth performance, nutrient digestibility and meat quality in finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 1246-1257.	1.0	2
22	Effects of dietary lycopene supplementation on intestinal morphology, antioxidant capability and inflammatory response in finishing pigs. <i>Animal Biotechnology</i> , 2022, 33, 563-570.	0.7	10
23	Effect of dietary dihydromyricetin supplementation on lipid metabolism, antioxidant capacity and skeletal muscle fiber type transformation in mice. <i>Animal Biotechnology</i> , 2022, 33, 555-562.	0.7	8
24	miRNAs Can Affect Intestinal Epithelial Barrier in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2022, 13, 868229.	2.2	6
25	Î²-defensin 118 attenuates inflammation and injury of intestinal epithelial cells upon enterotoxigenic <i>Escherichia coli</i> challenge. <i>BMC Veterinary Research</i> , 2022, 18, 142.	0.7	7
26	Effect of Î²-Glucan Supplementation on Growth Performance and Intestinal Epithelium Functions in Weaned Pigs Challenged by Enterotoxigenic <i>Escherichia coli</i> . <i>Antibiotics</i> , 2022, 11, 519.	1.5	12
27	Lower abundance of <i>Bacteroides</i> and metabolic dysfunction are highly associated with the post-weaning diarrhea in piglets. <i>Science China Life Sciences</i> , 2022, 65, 2062-2075.	2.3	21
28	Developmental Profiling of Dietary Carbohydrate Digestion in Piglets. <i>Frontiers in Microbiology</i> , 2022, 13, 896660.	1.5	5
29	Uneven Levels of 5S and 45S rDNA Site Number and Loci Variations across Wild <i>Chrysanthemum</i> Accessions. <i>Genes</i> , 2022, 13, 894.	1.0	4
30	Apple polyphenols improve intestinal barrier function by enhancing antioxidant capacity and suppressing inflammation in weaning piglets. <i>Animal Science Journal</i> , 2022, 93, .	0.6	3
31	Fermented soybean meal increases nutrient digestibility via the improvement of intestinal function, anti-oxidative capacity and immune function of weaned pigs. <i>Animal</i> , 2022, 16, 100557.	1.3	11
32	Apple Polyphenols Improve Intestinal Antioxidant Capacity and Barrier Function by Activating the Nrf2/Keap1 Signaling Pathway in a Pig Model. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7576-7585.	2.4	15
33	Effects of High Ambient Temperature on Small Intestinal Morphology and Colonic Microbiota in Weaned Piglets. <i>Animals</i> , 2022, 12, 1743.	1.0	3
34	Effects of dietary dihydromyricetin supplementation on intestinal barrier and humoral immunity in growing-finishing pigs. <i>Animal Biotechnology</i> , 2022, 33, 1398-1406.	0.7	3
35	Manno-oligosaccharide attenuates inflammation and intestinal epithelium injury in weaned pigs upon enterotoxigenic <i>Escherichia coli</i> K88 challenge. <i>British Journal of Nutrition</i> , 2021, 126, 993-1002.	1.2	21
36	miR-22-3p regulates muscle fiber-type conversion through inhibiting AMPK/SIRT1/PGC-1Î± pathway. <i>Animal Biotechnology</i> , 2021, 32, 254-261.	0.7	11

#	ARTICLE	IF	CITATIONS
37	Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs. <i>European Journal of Nutrition</i> , 2021, 60, 715-727.	1.8	10
38	Human β -Defensin 118 Attenuates <i>Escherichia coli</i> K88 α -Induced Inflammation and Intestinal Injury in Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 586-597.	1.9	12
39	Infusion of short chain fatty acids in the ileum improves the carcass traits, meat quality and lipid metabolism of growing pigs. <i>Animal Nutrition</i> , 2021, 7, 94-100.	2.1	18
40	Synthesis and antibacterial activity of novel myricetin derivatives containing sulfonylpiperazine. <i>Chemical Papers</i> , 2021, 75, 1021-1027.	1.0	10
41	Effects of dietary resveratrol supplementation on immunity, antioxidative capacity and intestinal barrier function in weaning piglets. <i>Animal Biotechnology</i> , 2021, 32, 240-245.	0.7	23
42	Facial expression and action unit recognition augmented by their dependencies on graph convolutional networks. <i>Journal on Multimodal User Interfaces</i> , 2021, 15, 429-440.	2.0	9
43	Catalytic Asymmetric Homologation of Ketones with α -Alkyl α -Diazo Esters. <i>Journal of the American Chemical Society</i> , 2021, 143, 2394-2402.	6.6	53
44	Wheat bran fermented by mixed fungal strains improves the digestibility of crude fiber and may benefit the gut health without impacting the growth performance in weaned pigs. <i>Food and Function</i> , 2021, 12, 2962-2971.	2.1	3
45	Low-Molecular-Weight Chitosan Attenuates Lipopolysaccharide-Induced Inflammation in IPEC-J2 Cells by Inhibiting the Nuclear Factor- κ B Signalling Pathway. <i>Molecules</i> , 2021, 26, 569.	1.7	4
46	The effect of dietary pectic oligosaccharide supplementation on intestinal health of broiler breeders with different egg-laying rates. <i>Poultry Science</i> , 2021, 100, 100938.	1.5	5
47	Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	19
48	Effects of dietary ferulic acid supplementation on growth performance and skeletal muscle fiber type conversion in weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5116-5123.	1.7	16
49	Effects of dietary <i>Bacillus coagulans</i> and yeast hydrolysate supplementation on growth performance, immune response and intestinal barrier function in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021, 105, 898-907.	1.0	15
50	Lentian administration alleviates diarrhea of rotavirus-infected weaned pigs via regulating intestinal immunity. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 43.	2.1	10
51	The Nutritional Significance of Intestinal Fungi: Alteration of Dietary Carbohydrate Composition Triggers Colonic Fungal Community Shifts in a Pig Model. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	13
52	Fermented Diet Liquid Feeding Improves Growth Performance and Intestinal Function of Pigs. <i>Animals</i> , 2021, 11, 1452.	1.0	6
53	Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14521-14527.	7.2	24
54	Asymmetric Catalytic Vinylogous Addition Reactions Initiated by Meinwald Rearrangement of Vinyl Epoxides. <i>Angewandte Chemie</i> , 2021, 133, 14642-14648.	1.6	7

#	ARTICLE	IF	CITATIONS
55	Protective effect of Bombyx mori gloverin on intestinal epithelial cells exposure to enterotoxigenic E. coli. Brazilian Journal of Microbiology, 2021, 52, 1235-1245.	0.8	3
56	Prevotella-rich enterotype may benefit gut health in finishing pigs fed diet with a high amylose-to-amylopectin ratio. Animal Nutrition, 2021, 7, 400-411.	2.1	20
57	Effects of soybean raffinose on growth performance, digestibility, humoral immunity and intestinal morphology of growing pigs. Animal Nutrition, 2021, 7, 393-399.	2.1	7
58	MPDNet: A 3D Missing Part Detection Network Based on Point Cloud Segmentation. , 2021, , .		2
59	Asymmetric catalytic 1,3-dipolar cycloaddition of $\hat{1}\pm$ -diazoesters for synthesis of 1-pyrazoline-based spirochromanones and beyond. Science China Chemistry, 2021, 64, 1355-1360.	4.2	24
60	Amelioration of enterotoxigenic Escherichia coli-induced disruption of intestinal epithelium by manno-oligosaccharide in weaned pigs. Journal of Functional Foods, 2021, 82, 104492.	1.6	7
61	Effects of Cold Exposure on Performance and Skeletal Muscle Fiber in Weaned Piglets. Animals, 2021, 11, 2148.	1.0	9
62	Iron-Catalyzed Enantioselective Radical Carboazidation and Diazidation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds. Journal of the American Chemical Society, 2021, 143, 11856-11863.	6.6	50
63	Student Break Behavior Recognition Dataset. , 2021, , .		1
64	Functional Characterization of Porcine NK-Lysin: A Novel Immunomodulator That Regulates Intestinal Inflammatory Response. Molecules, 2021, 26, 4242.	1.7	9
65	L-Leucine Promotes STAT1 and ISGs Expression in TGEV-Infected IPEC-J2 Cells via mTOR Activation. Frontiers in Immunology, 2021, 12, 656573.	2.2	7
66	Sodium acetate, propionate, and butyrate reduce fat accumulation in mice via modulating appetite and relevant genes. Nutrition, 2021, 87-88, 111198.	1.1	16
67	Lycopene increases the proportion of slow-twitch muscle fiber by AMPK signaling to improve muscle anti-fatigue ability. Journal of Nutritional Biochemistry, 2021, 94, 108750.	1.9	15
68	Low Birth Weight Disturbs the Intestinal Redox Status and Mitochondrial Morphology and Functions in Newborn Piglets. Animals, 2021, 11, 2561.	1.0	3
69	Effects of essential oil on growth performance, digestibility, immunity, and intestinal health in broilers. Poultry Science, 2021, 100, 101242.	1.5	20
70	Secondary Metabolites from Endophytic Pestalotiopsis microspora and Their P-Glycoprotein Inhibitory Activity. Chemistry of Natural Compounds, 2021, 57, 924-926.	0.2	1
71	Supplementing daidzein in diets improves the reproductive performance, endocrine hormones and antioxidant capacity of multiparous sows. Animal Nutrition, 2021, 7, 1052-1060.	2.1	10
72	1,25-Dihydroxyvitamin D3 inhibits porcine epidemic diarrhea virus replication by regulating cell cycle resumption in IPEC-J2 porcine epithelial cells. Microbial Pathogenesis, 2021, 158, 105017.	1.3	5

#	ARTICLE	IF	CITATIONS
73	Tannic acid extracted from gallnut prevents post-weaning diarrhea and improves intestinal health of weaned piglets. <i>Animal Nutrition</i> , 2021, 7, 1078-1086.	2.1	20
74	The immunomodulatory function of the porcine β -defensin 129: Alleviate inflammatory response induced by LPS in IPEC-J2 cells. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 473-481.	3.6	9
75	Alginate oligosaccharide protects against enterotoxigenic <i>Escherichia coli</i> -induced porcine intestinal barrier injury. <i>Carbohydrate Polymers</i> , 2021, 270, 118316.	5.1	20
76	Chitosan oligosaccharide attenuates endoplasmic reticulum stress-associated intestinal apoptosis via the Akt/mTOR pathway. <i>Food and Function</i> , 2021, 12, 8647-8658.	2.1	10
77	Effects of Chronic Exposure to Low Levels of Dietary Aflatoxin B1 on Growth Performance, Apparent Total Tract Digestibility and Intestinal Health in Pigs. <i>Animals</i> , 2021, 11, 336.	1.0	24
78	Effects of Early Transplantation of the Faecal Microbiota from Tibetan Pigs on the Gut Development of DSS-Challenged Piglets. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	3
79	Effect of <i>Bellamyia purificata</i> on organic matter degradation in surface sediment as revealed by amino acids. <i>Aquaculture Environment Interactions</i> , 2021, 13, 1-12.	0.7	5
80	NF- κ B-dependent induction of porcine β -defensin 114 regulates intestinal epithelium homeostasis. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 241-249.	3.6	7
81	Chlorogenic Acid Attenuates Oxidative Stress-Induced Intestinal Epithelium Injury by Co-Regulating the PI3K/Akt and β -catenin/NF- κ B Signaling. <i>Antioxidants</i> , 2021, 10, 1915.	2.2	26
82	Isoleucine Administration Alleviates DSS-Induced Colitis by Regulating TLR4/MyD88/NF- κ B Pathway in Rats. <i>Frontiers in Immunology</i> , 2021, 12, 817583.	2.2	14
83	Alteration of Porcine Intestinal Microbiota in Response to Dietary Manno-Oligosaccharide Supplementation. <i>Frontiers in Microbiology</i> , 2021, 12, 811272.	1.5	3
84	Active or Autoclaved <i>Akkermansia muciniphila</i> Relieves TNF- α -Induced Inflammation in Intestinal Epithelial Cells Through Distinct Pathways. <i>Frontiers in Immunology</i> , 2021, 12, 788638.	2.2	8
85	Fermented Alfalfa Meal Instead of "Grain-Type" Feedstuffs in the Diet Improves Intestinal Health Related Indexes in Weaned Pigs. <i>Frontiers in Microbiology</i> , 2021, 12, 797875.	1.5	3
86	Dietary Arginine Supplementation Improves Intestinal Mitochondrial Functions in Low-Birth-Weight Piglets but Not in Normal-Birth-Weight Piglets. <i>Antioxidants</i> , 2021, 10, 1995.	2.2	4
87	Regulation of skeletal myogenesis by microRNAs. <i>Journal of Cellular Physiology</i> , 2020, 235, 87-104.	2.0	37
88	Design, synthesis and antibacterial activities against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> , <i>Xanthomonas axonopodis</i> pv. <i>Citri</i> and <i>Ralstonia solanacearum</i> of novel myricetin derivatives containing sulfonamide moiety. <i>Pest Management Science</i> , 2020, 76, 853-860.	1.7	47
89	The fungal community and its interaction with the concentration of short-chain fatty acids in the faeces of Chenghua, Yorkshire and Tibetan pigs. <i>Microbial Biotechnology</i> , 2020, 13, 509-521.	2.0	17
90	Effects of soluble and insoluble dietary fiber supplementation on growth performance, nutrient digestibility, intestinal microbe and barrier function in weaning piglet. <i>Animal Feed Science and Technology</i> , 2020, 260, 114335.	1.1	44

#	ARTICLE	IF	CITATIONS
91	Low-molecular-weight chitosan relieves enterotoxigenic <i>Escherichia coli</i> -induced growth retardation in weaned pigs. <i>International Immunopharmacology</i> , 2020, 78, 105798.	1.7	5
92	Resveratrol regulates muscle fiber type conversion via miR-22-3p and AMPK/SIRT1/PGC-1 β pathway. <i>Journal of Nutritional Biochemistry</i> , 2020, 77, 108297.	1.9	56
93	Arginine promotes porcine type I muscle fibres formation through improvement of mitochondrial biogenesis. <i>British Journal of Nutrition</i> , 2020, 123, 499-507.	1.2	16
94	The Coix Genome Provides Insights into Panicoidae Evolution and Papery Hull Domestication. <i>Molecular Plant</i> , 2020, 13, 309-320.	3.9	28
95	Dietary supplementation of plant essential oil improves growth performance, intestinal morphology and health in weaned pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 579-589.	1.0	18
96	Beet Pulp: An Alternative to Improve the Gut Health of Growing Pigs. <i>Animals</i> , 2020, 10, 1860.	1.0	9
97	Transcriptome Characterization of Repressed Embryonic Myogenesis Due to Maternal Calorie Restriction. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 527.	1.8	2
98	Expression and Functional Characterization of a Novel Antimicrobial Peptide: Human Beta-Defensin 118. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	8
99	Ameliorative effects of alginate oligosaccharide on tumour necrosis factor- α -induced intestinal epithelial cell injury. <i>International Immunopharmacology</i> , 2020, 89, 107084.	1.7	16
100	A Graph-based One-Shot Learning Method for Point Cloud Recognition. <i>Computer Graphics Forum</i> , 2020, 39, 313-323.	1.8	0
101	Effects of dietary fibres on gut microbial metabolites and liver lipid metabolism in growing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1484-1493.	1.0	4
102	Tannic acid prevents post-weaning diarrhea by improving intestinal barrier integrity and function in weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 87.	2.1	43
103	Fructooligosaccharides improve growth performance and intestinal epithelium function in weaned pigs exposed to enterotoxigenic <i>Escherichia coli</i> . <i>Food and Function</i> , 2020, 11, 9599-9612.	2.1	15
104	Daidzein supplementation enhances embryo survival by improving hormones, antioxidant capacity, and metabolic profiles of amniotic fluid in sows. <i>Food and Function</i> , 2020, 11, 10588-10600.	2.1	7
105	Dietary Ferulic Acid Supplementation Improves Antioxidant Capacity and Lipid Metabolism in Weaned Piglets. <i>Nutrients</i> , 2020, 12, 3811.	1.7	30
106	Influences of dietary starch structure on intestinal morphology, barrier functions, and epithelium apoptosis in weaned pigs. <i>Food and Function</i> , 2020, 11, 4446-4455.	2.1	7
107	Dietary protein levels and amino acid supplementation patterns alter the composition and functions of colonic microbiota in pigs. <i>Animal Nutrition</i> , 2020, 6, 143-151.	2.1	25
108	Alterations in intestinal microbiota by alginate oligosaccharide improve intestinal barrier integrity in weaned pigs. <i>Journal of Functional Foods</i> , 2020, 71, 104040.	1.6	18

#	ARTICLE	IF	CITATIONS
109	Effects of diet chitosan oligosaccharide on performance and immune response of sows and their offspring. <i>Livestock Science</i> , 2020, 239, 104114.	0.6	10
110	Cleanliness prediction of rusty iron in laser cleaning using convolutional neural networks. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	6
111	Effects of Dietary Starch Structure on Growth Performance, Serum Glucose–Insulin Response, and Intestinal Health in Weaned Piglets. <i>Animals</i> , 2020, 10, 543.	1.0	12
112	Effects of dietary inulin supplementation on growth performance, intestinal barrier integrity and microbial populations in weaned pigs. <i>British Journal of Nutrition</i> , 2020, 124, 296-305.	1.2	17
113	Grape seed proanthocyanidin extract promotes skeletal muscle fiber type transformation via AMPK signaling pathway. <i>Journal of Nutritional Biochemistry</i> , 2020, 84, 108462.	1.9	30
114	Dietary pectic oligosaccharide supplementation improves rat reproductive performance via regulating intestinal volatile fatty acids during middle gestation. <i>Animal Nutrition</i> , 2020, 6, 210-216.	2.1	8
115	Transmissible gastroenteritis virus targets Paneth cells to inhibit the self-renewal and differentiation of Lgr5 intestinal stem cells via Notch signaling. <i>Cell Death and Disease</i> , 2020, 11, 40.	2.7	32
116	The fungal community and its interaction with the concentration of short-chain fatty acids in the caecum and colon of weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 616-628.	1.0	9
117	Procyanidin B2 Promotes Skeletal Slow-Twitch Myofiber Gene Expression through the AMPK Signaling Pathway in C2C12 Myotubes. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1306-1314.	2.4	29
118	Effects of dietary resveratrol supplementation on growth performance and muscle fiber type transformation in weaned piglets. <i>Animal Feed Science and Technology</i> , 2020, 265, 114499.	1.1	17
119	Effects of benzoic acid, <i>Bacillus coagulans</i> and oregano oil combined supplementation on growth performance, immune status and intestinal barrier integrity of weaned piglets. <i>Animal Nutrition</i> , 2020, 6, 152-159.	2.1	37
120	Capsulized faecal microbiota transplantation ameliorates post-weaning diarrhoea by modulating the gut microbiota in piglets. <i>Veterinary Research</i> , 2020, 51, 55.	1.1	27
121	Selenium-Enriched Yeast Alleviates Oxidative Stress-Induced Intestinal Mucosa Disruption in Weaned Pigs. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-11.	1.9	31
122	The Optimal Combination of Dietary Starch, Non-Starch Polysaccharides, and Mannan-Oligosaccharide Increases the Growth Performance and Improves Butyrate-Producing Bacteria of Weaned Pigs. <i>Animals</i> , 2020, 10, 1745.	1.0	9
123	Combining Global and Sequential Patterns for Multivariate Time Series Forecasting. , 2020, , .		4
124	SRNet: A 3D Scene Recognition Network using Static Graph and Dense Semantic Fusion. <i>Computer Graphics Forum</i> , 2020, 39, 301-311.	1.8	4
125	Expression, Purification and Characterization of a Novel Antimicrobial Peptide: Gloverin A2 from <i>Bombyx mori</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 827-833.	0.9	9
126	Changes of porcine gut microbiota in response to dietary chlorogenic acid supplementation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8157-8168.	1.7	47

#	ARTICLE	IF	CITATIONS
127	Synthesis and antibacterial and antiviral activities of myricetin derivatives containing a 1,2,4-triazole Schiff base. <i>RSC Advances</i> , 2019, 9, 23045-23052.	1.7	65
128	Biological activity evaluation and action mechanism of chalcone derivatives containing thiophene sulfonate. <i>RSC Advances</i> , 2019, 9, 24942-24950.	1.7	31
129	Amelioration of Enterotoxigenic <i>Escherichia coli</i> -Induced Intestinal Barrier Disruption by Low-Molecular-Weight Chitosan in Weaned Pigs is Related to Suppressed Intestinal Inflammation and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3485.	1.8	31
130	Effects of different levels of dietary hydroxy-analogue of selenomethionine on growth performance, selenium deposition and antioxidant status of weaned piglets. <i>Archives of Animal Nutrition</i> , 2019, 73, 374-383.	0.9	18
131	Differential expression, molecular cloning, and characterization of porcine beta defensin 114. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 60.	2.1	14
132	Effect of dietary supplementation of <i>Bacillus coagulans</i> or yeast hydrolysates on growth performance, antioxidant activity, cytokines and intestinal microflora of growing-finishing pigs. <i>Animal Nutrition</i> , 2019, 5, 366-372.	2.1	33
133	Dietary apple polyphenols supplementation enhances antioxidant capacity and improves lipid metabolism in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1512-1520.	1.0	19
134	Mannan oligosaccharide supplementation in diets of sow and (or) their offspring improved immunity and regulated intestinal bacteria in piglet1. <i>Journal of Animal Science</i> , 2019, 97, 4548-4556.	0.2	27
135	Synthesis and bioactivity evaluation of penta-1,4-diene-3-one oxime ether derivatives. <i>Journal of Pesticide Sciences</i> , 2019, 44, 242-248.	0.8	3
136	Tea and Its Components Prevent Cancer: A Review of the Redox-Related Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5249.	1.8	25
137	Effect of Dietary Inulin Supplementation on Growth Performance, Carcass Traits, and Meat Quality in Growing-Finishing Pigs. <i>Animals</i> , 2019, 9, 840.	1.0	10
138	Purified β -glucans of Different Molecular Weights Enhance Growth Performance of LPS-challenged Piglets via Improved Gut Barrier Function and Microbiota. <i>Animals</i> , 2019, 9, 602.	1.0	17
139	Beta-glucan from <i>Agrobacterium</i> sp. ZX09 improves growth performance and intestinal function in weaned piglets. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1818-1827.	1.0	8
140	Dietary 25-Hydroxyvitamin D3 Supplementation Alleviates Porcine Epidemic Diarrhea Virus Infection by Improving Intestinal Structure and Immune Response in Weaned Pigs. <i>Animals</i> , 2019, 9, 627.	1.0	15
141	Effects of Dietary Aged Maize with Oxidized Fish Oil on Growth Performance, Antioxidant Capacity and Intestinal Health in Weaned Piglets. <i>Animals</i> , 2019, 9, 624.	1.0	11
142	Effect of different dietary protein levels and amino acids supplementation patterns on growth performance, carcass characteristics and nitrogen excretion in growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 75.	2.1	25
143	β -Defensin 129 Attenuates Bacterial Endotoxin-Induced Inflammation and Intestinal Epithelial Cell Apoptosis. <i>Frontiers in Immunology</i> , 2019, 10, 2333.	2.2	23
144	Antimicrobial evaluation and action mechanism of chalcone derivatives containing quinoxaline moiety. <i>Monatshefte für Chemie</i> , 2019, 150, 1325-1334.	0.9	15

#	ARTICLE	IF	CITATIONS
145	Butyrate promotes slow-twitch myofiber formation and mitochondrial biogenesis in finishing pigs via inducing specific microRNAs and PGC-1 β expression. <i>Journal of Animal Science</i> , 2019, 97, 3180-3192.	0.2	47
146	Improvement of growth performance and parameters of intestinal function in liquid fed early weanling pigs. <i>Journal of Animal Science</i> , 2019, 97, 2725-2738.	0.2	8
147	Effects of <i>Bacillus subtilis</i> DSM32315 supplementation and dietary crude protein level on performance, gut barrier function and microbiota profile in weaned piglets. <i>Journal of Animal Science</i> , 2019, 97, 2125-2138.	0.2	44
148	Synthesis and antibacterial evaluation of novel chalcone derivatives containing a benzothiazole scaffold. <i>Monatshefte für Chemie</i> , 2019, 150, 1147-1154.	0.9	12
149	Lentianan administration relieves gut barrier dysfunction induced by rotavirus in a weaned piglet model. <i>Food and Function</i> , 2019, 10, 2094-2101.	2.1	30
150	Effects of dietary amylose and amylopectin ratio on growth performance, meat quality, postmortem glycolysis and muscle fibre type transformation of finishing pigs. <i>Archives of Animal Nutrition</i> , 2019, 73, 194-207.	0.9	10
151	Triptycene-based stationary phases for gas chromatographic separations of positional isomers. <i>Journal of Chromatography A</i> , 2019, 1599, 223-230.	1.8	17
152	Amphiphilic triptycene-based stationary phase for high-resolution gas chromatographic separations. <i>Journal of Chromatography A</i> , 2019, 1599, 239-246.	1.8	16
153	Benzoic Acid Used as Food and Feed Additives Can Regulate Gut Functions. <i>BioMed Research International</i> , 2019, 2019, 1-6.	0.9	48
154	Effects of residual superdoses of phytase on growth performance, tibia mineralization, and relative organ weight in ducks fed phosphorus-deficient diets. <i>Poultry Science</i> , 2019, 98, 3926-3936.	1.5	8
155	Novel chalcone derivatives containing a 1,2,4-triazine moiety: design, synthesis, antibacterial and antiviral activities. <i>RSC Advances</i> , 2019, 9, 6011-6020.	1.7	63
156	Long-term dietary resveratrol supplementation decreased serum lipids levels, improved intramuscular fat content, and changed the expression of several lipid metabolism-related miRNAs and genes in growing-finishing pigs. <i>Journal of Animal Science</i> , 2019, 97, 1745-1756.	0.2	22
157	Effects of Dietary Apple Polyphenols Supplementation on Hepatic Fat Deposition and Antioxidant Capacity in Finishing Pigs. <i>Animals</i> , 2019, 9, 937.	1.0	12
158	Synthesis, antiviral and antibacterial activities and action mechanism of penta-1,4-dien-3-one oxime ether derivatives containing a quinoxaline moiety. <i>New Journal of Chemistry</i> , 2019, 43, 16461-16467.	1.4	32
159	Manipulation of Intestinal Antiviral Innate Immunity and Immune Evasion Strategies of Porcine Epidemic Diarrhea Virus. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	12
160	Soluble Fiber and Insoluble Fiber Regulate Colonic Microbiota and Barrier Function in a Piglet Model. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	40
161	<i>Bombyx mori</i> gloverin A2 alleviates enterotoxigenic <i>Escherichia coli</i> -induced inflammation and intestinal mucosa disruption. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 189.	1.5	16
162	Evaluation of standardized ileal digestible lysine requirement for 8-20 kg pigs fed low crude protein diets. <i>Animal Science Journal</i> , 2019, 90, 237-246.	0.6	12

#	ARTICLE	IF	CITATIONS
163	Effects of dietary 25-hydroxyvitamin D ₃ supplementation on growth performance, immune function and antioxidative capacity in weaned piglets. <i>Archives of Animal Nutrition</i> , 2019, 73, 44-51.	0.9	16
164	Leucine promotes porcine myofibre type transformation from fast-twitch to slow-twitch through the protein kinase B (Akt)/forkhead box 1 signalling pathway and microRNA-27a. <i>British Journal of Nutrition</i> , 2019, 121, 1-8.	1.2	28
165	Design, expression and functional characterization of a thermostable xylanase from <i>Trichoderma reesei</i> . <i>PLoS ONE</i> , 2019, 14, e0210548.	1.1	18
166	Long-term ingestion of low amylose/amylopectin ratio diet affects aspects of meat quality by changing muscle fibre characteristics in growing-finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 644-652.	1.0	2
167	Effects of active immunization against porcine Sox6 on meat quality and myosin heavy chain isoform expression in growing-finishing pigs. <i>Animal Biotechnology</i> , 2019, 30, 260-266.	0.7	1
168	Chlorogenic Acid Improves Intestinal Development via Suppressing Mucosa Inflammation and Cell Apoptosis in Weaned Pigs. <i>ACS Omega</i> , 2018, 3, 2211-2219.	1.6	44
169	Modulation of intestine development by fecal microbiota transplantation in suckling pigs. <i>RSC Advances</i> , 2018, 8, 8709-8720.	1.7	18
170	Leucine modulates the IPEC-J2 cell proteome associated with cell proliferation, metabolism and phagocytosis. <i>Animal Nutrition</i> , 2018, 4, 316-321.	2.1	4
171	Effect of dietary chitosan oligosaccharide supplementation on the pig ovary transcriptome. <i>RSC Advances</i> , 2018, 8, 13266-13273.	1.7	6
172	Effect of different dietary non-starch fiber fractions on growth performance, nutrient digestibility, and intestinal development in weaned pigs. <i>Nutrition</i> , 2018, 51-52, 20-28.	1.1	29
173	Alginate oligosaccharide enhances intestinal integrity of weaned pigs through altering intestinal inflammatory responses and antioxidant status. <i>RSC Advances</i> , 2018, 8, 13482-13492.	1.7	46
174	MicroRNA-139-5p suppresses myosin heavy chain I and IIa expression via inhibition of the calcineurin/NFAT signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 930-936.	1.0	20
175	Dietary chlorogenic acid improves growth performance of weaned pigs through maintaining antioxidant capacity and intestinal digestion and absorption function. <i>Journal of Animal Science</i> , 2018, 96, 1108-1118.	0.2	91
176	Leucine promotes differentiation of porcine myoblasts through the protein kinase B (Akt)/Forkhead box O1 signalling pathway. <i>British Journal of Nutrition</i> , 2018, 119, 727-733.	1.2	14
177	Dietary pea fibre alters the microbial community and fermentation with increase in fibre degradation-associated bacterial groups in the colon of pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e254-e261.	1.0	30
178	Involvement of PKA signalling in anti-inflammatory effects of chitosan oligosaccharides in IPEC-J2 porcine epithelial cells. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 252-259.	1.0	18
179	Dietary Sodium Butyrate Supplementation Promotes Oxidative Fiber Formation in Mice. <i>Animal Biotechnology</i> , 2018, 29, 212-215.	0.7	6
180	Fungi in Gastrointestinal Tracts of Human and Mice: from Community to Functions. <i>Microbial Ecology</i> , 2018, 75, 821-829.	1.4	94

#	ARTICLE	IF	CITATIONS
181	Effects of MicroRNA-27a on Myogenin Expression and Akt/FoxO1 Signal Pathway during Porcine Myoblast Differentiation. <i>Animal Biotechnology</i> , 2018, 29, 183-189.	0.7	7
182	Alginate oligosaccharide alleviates enterotoxigenic <i>Escherichia coli</i> -induced intestinal mucosal disruption in weaned pigs. <i>Food and Function</i> , 2018, 9, 6401-6413.	2.1	26
183	MicroRNA-499-5p regulates skeletal myofiber specification via NFATc1/MEF2C pathway and Thrap1/MEF2C axis. <i>Life Sciences</i> , 2018, 215, 236-245.	2.0	32
184	Dietary Daidzein Supplementation During Pregnancy Facilitates Fetal Growth in Rats. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800921.	1.5	11
185	'Dietary Arginine Supplementation Affects Intestinal Function by Enhancing Antioxidant Capacity of a Nitric Oxide-Independent Pathway in Low-Birth-Weight Piglets. <i>Journal of Nutrition</i> , 2018, 148, 1751-1759.	1.3	22
186	The differences between copper sulfate and tribasic copper chloride on growth performance, redox status, deposition in tissues of pigs, and excretion in feces. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 873-880.	2.4	6
187	Alginate oligosaccharide-induced intestinal morphology, barrier function and epithelium apoptosis modifications have beneficial effects on the growth performance of weaned pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 58.	2.1	47
188	Oral administration of short chain fatty acids could attenuate fat deposition of pigs. <i>PLoS ONE</i> , 2018, 13, e0196867.	1.1	37
189	Effects of plant essential oil supplementation on growth performance, immune function and antioxidant activities in weaned pigs. <i>Lipids in Health and Disease</i> , 2018, 17, 139.	1.2	47
190	Effects of Dietary Daidzein Supplementation on Reproductive Performance, Serum Hormones, and Reproductive-Related Genes in Rats. <i>Nutrients</i> , 2018, 10, 766.	1.7	19
191	Maternal chitosan oligosaccharide supplementation during late gestation and lactation affects offspring growth. <i>Italian Journal of Animal Science</i> , 2018, 17, 994-1000.	0.8	11
192	l-Isoleucine Administration Alleviates Rotavirus Infection and Immune Response in the Weaned Piglet Model. <i>Frontiers in Immunology</i> , 2018, 9, 1654.	2.2	35
193	Protective Effects of Benzoic Acid, <i>Bacillus Coagulans</i> , and Oregano Oil on Intestinal Injury Caused by Enterotoxigenic <i>Escherichia coli</i> in Weaned Piglets. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	29
194	Dietary chlorogenic acid supplementation affects gut morphology, antioxidant capacity and intestinal selected bacterial populations in weaned piglets. <i>Food and Function</i> , 2018, 9, 4968-4978.	2.1	76
195	The effect of dietary amylose/amylopectin ratio on serum and hepatic lipid content and its molecular mechanisms in growing-finishing pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1657-1665.	1.0	8
196	Chlorogenic acid improves intestinal barrier functions by suppressing mucosa inflammation and improving antioxidant capacity in weaned pigs. <i>Journal of Nutritional Biochemistry</i> , 2018, 59, 84-92.	1.9	116
197	The effect of high nutrient on the growth performance, adipose deposition and gene expression of lipid metabolism in the neonatal intrauterine growth-retarded piglets. <i>Journal of Applied Animal Research</i> , 2017, 45, 39-44.	0.4	1
198	Postnatal high-fat diet enhances ectopic fat deposition in pigs with intrauterine growth retardation. <i>European Journal of Nutrition</i> , 2017, 56, 483-490.	1.8	24

#	ARTICLE	IF	CITATIONS
199	Moderate Maternal Energy Restriction During Gestation in Pigs Attenuates Fetal Skeletal Muscle Development Through Changing Myogenic Gene Expression and Myofiber Characteristics. <i>Reproductive Sciences</i> , 2017, 24, 156-167.	1.1	10
200	Simultaneous determination of eight flavonoids in plasma using LC-MS/MS and application to a pharmacokinetic study after oral administration of Pollen Typhae extract to rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1044-1045, 158-165.	1.2	20
201	New insights into the role of chitosan oligosaccharide in enhancing growth performance, antioxidant capacity, immunity and intestinal development of weaned pigs. <i>RSC Advances</i> , 2017, 7, 9669-9679.	1.7	78
202	MicroRNA-499-5p regulates porcine myofiber specification by controlling Sox6 expression. <i>Animal</i> , 2017, 11, 2268-2274.	1.3	20
203	The preparation, and structural and multiferroic properties of B-site ordered double-perovskite $\text{Bi}_2\text{FeMnO}_6$. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5494-5500.	2.7	28
204	Early Gut Microbiota Intervention Suppresses DSS-Induced Inflammatory Responses by Deactivating TLR/NLR Signalling in Pigs. <i>Scientific Reports</i> , 2017, 7, 3224.	1.6	39
205	Adaptation of gut microbiome to different dietary nonstarch polysaccharide fractions in a porcine model. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700012.	1.5	32
206	Dietary Pectic Oligosaccharide Administration Improves Growth Performance and Immunity in Weaned Pigs Infected by Rotavirus. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2923-2929.	2.4	29
207	Dietary pea fiber increases diversity of colonic methanogens of pigs with a shift from <i>Methanobrevibacter</i> to <i>Methanomassiliococcus</i> -like genus and change in numbers of three hydrogenotrophs. <i>BMC Microbiology</i> , 2017, 17, 17.	1.3	21
208	Amniotic fluid metabolomics and biochemistry analysis provides novel insights into the diet-regulated foetal growth in a pig model. <i>Scientific Reports</i> , 2017, 7, 44782.	1.6	23
209	Effects of maize naturally contaminated with aflatoxin B1 on growth performance, intestinal morphology, and digestive physiology in ducks. <i>Poultry Science</i> , 2017, 96, 1948-1955.	1.5	24
210	Leucine Protects Against Skeletal Muscle Atrophy in Lipopolysaccharide-Challenged Rats. <i>Journal of Medicinal Food</i> , 2017, 20, 93-101.	0.8	18
211	Mitochondrial biogenesis is decreased in skeletal muscle of pig fetuses exposed to maternal high-energy diets. <i>Animal</i> , 2017, 11, 54-60.	1.3	5
212	Effects of alginate oligosaccharide on the growth performance, antioxidant capacity and intestinal digestion-absorption function in weaned pigs. <i>Animal Feed Science and Technology</i> , 2017, 234, 118-127.	1.1	45
213	Stimulation of intestinal growth with distal ileal infusion of short-chain fatty acid: a reevaluation in a pig model. <i>RSC Advances</i> , 2017, 7, 30792-30806.	1.7	24
214	Arginine metabolism and its protective effects on intestinal health and functions in weaned piglets under oxidative stress induced by diquat. <i>British Journal of Nutrition</i> , 2017, 117, 1495-1502.	1.2	62
215	Effects of oil quality and antioxidant supplementation on sow performance, milk composition and oxidative status in serum and placenta. <i>Lipids in Health and Disease</i> , 2017, 16, 107.	1.2	16
216	<i>ETHYLENE RESPONSE FACTOR 74</i> (<i>ERF74</i>) plays an essential role in controlling a respiratory burst oxidase homolog D (<i>RbohD</i>)-dependent mechanism in response to different stresses in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2017, 213, 1667-1681.	3.5	177

#	ARTICLE	IF	CITATIONS
217	Benzoic acid beneficially affects growth performance of weaned pigs which was associated with changes in gut bacterial populations, morphology indices and growth factor gene expression. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 1137-1146.	1.0	49
218	Oxidative stress-induced diseases and tea polyphenols. <i>Oncotarget</i> , 2017, 8, 81649-81661.	0.8	106
219	Dietary apple pectic oligosaccharide improves gut barrier function of rotavirus-challenged weaned pigs by increasing antioxidant capacity of enterocytes. <i>Oncotarget</i> , 2017, 8, 92420-92430.	0.8	27
220	From Nutrient to MicroRNA: a Novel Insight into Cell Signaling Involved in Skeletal Muscle Development and Disease. <i>International Journal of Biological Sciences</i> , 2016, 12, 1247-1261.	2.6	20
221	Dietary spray-dried chicken plasma improves intestinal barrier function and modulates immune status in weaning piglets ¹ . <i>Journal of Animal Science</i> , 2016, 94, 173-184.	0.2	26
222	Effects of corn type and fasting time before slaughter on growth and plasma index in weaning pigs ¹ . <i>Journal of Animal Science</i> , 2016, 94, 106-116.	0.2	2
223	Dietary Supplementation of Curcumin Alleviates NF- κ B-dependent Skeletal Muscle Wasting in Rat. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2016, 16, 140-147.	0.6	12
224	PAX3 ⁺ skeletal muscle satellite cells retain long-term self-renewal and proliferation. <i>Muscle and Nerve</i> , 2016, 54, 943-951.	1.0	8
225	Effects of <i>Aspergillus niger</i> fermented rapeseed meal on nutrient digestibility, growth performance and serum parameters in growing pigs. <i>Animal Science Journal</i> , 2016, 87, 557-563.	0.6	38
226	Vitamin D 3 supplementation alleviates rotavirus infection in pigs and IPEC-J2 cells via regulating the autophagy signaling pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 163, 157-163.	1.2	48
227	Effects of dietary mannan oligosaccharide supplementation on performance and immune response of sows and their offspring. <i>Animal Feed Science and Technology</i> , 2016, 218, 17-25.	1.1	32
228	Dietary chitosan oligosaccharide supplementation improves foetal survival and reproductive performance in multiparous sows. <i>RSC Advances</i> , 2016, 6, 70715-70722.	1.7	26
229	Alginate oligosaccharide accelerates weaned pig growth through regulating antioxidant capacity, immunity and intestinal development. <i>RSC Advances</i> , 2016, 6, 87026-87035.	1.7	37
230	Intestinal microbiota could transfer host Gut characteristics from pigs to mice. <i>BMC Microbiology</i> , 2016, 16, 238.	1.3	54
231	Moderately decreased maternal dietary energy intake during pregnancy reduces fetal skeletal muscle mitochondrial biogenesis in the pigs. <i>Genes and Nutrition</i> , 2016, 11, 19.	1.2	19
232	Gut microbiota can transfer fiber characteristics and lipid metabolic profiles of skeletal muscle from pigs to germ-free mice. <i>Scientific Reports</i> , 2016, 6, 31786.	1.6	86
233	Effects of benzoic acid (VevoVital [®]) on the performance and jejunal digestive physiology in young pigs. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 32.	2.1	50
234	Annotation of porcine milk oligosaccharides throughout lactation by hydrophilic interaction chromatography coupled with quadruple time of flight tandem mass spectrometry. <i>Electrophoresis</i> , 2016, 37, 1525-1531.	1.3	15

#	ARTICLE	IF	CITATIONS
235	Recombinant plectasin elicits similar improvements in the performance and intestinal mucosa growth and activity in weaned pigs as an antibiotic. <i>Animal Feed Science and Technology</i> , 2016, 211, 216-226.	1.1	35
236	Trace Mineral Overload Induced Hepatic Oxidative Damage and Apoptosis in Pigs with Long-Term High-Level Dietary Mineral Exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1841-1849.	2.4	15
237	Moderately increased maternal dietary energy intake delays foetal skeletal muscle differentiation and maturity in pigs. <i>European Journal of Nutrition</i> , 2016, 55, 1777-1787.	1.8	15
238	Dietary <i>Lactobacillus rhamnosus</i> GG Supplementation Improves the Mucosal Barrier Function in the Intestine of Weaned Piglets Challenged by Porcine Rotavirus. <i>PLoS ONE</i> , 2016, 11, e0146312.	1.1	74
239	Physicochemical Properties Analysis and Secretome of <i>Aspergillus niger</i> in Fermented Rapeseed Meal. <i>PLoS ONE</i> , 2016, 11, e0153230.	1.1	41
240	Expression of a Tandemly Arrayed Plectasin Gene from <i>Pseudoplectania nigrella</i> in <i>Pichia pastoris</i> and its Antimicrobial Activity. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 461-468.	0.9	19
241	Differential expression of lipid metabolism-related genes and myosin heavy chain isoform genes in pig muscle tissue leading to different meat quality. <i>Animal</i> , 2015, 9, 1073-1080.	1.3	34
242	Lean and obese pig breeds exhibit differences in prenatal gene expression profiles of muscle development. <i>Animal</i> , 2015, 9, 28-34.	1.3	19
243	Spray-dried chicken plasma improves intestinal digestive function and regulates intestinal selected microflora in weaning piglets ¹ . <i>Journal of Animal Science</i> , 2015, 93, 2967-2976.	0.2	44
244	Dietary Leucine Supplementation Improves the Mucin Production in the Jejunal Mucosa of the Weaned Pigs Challenged by Porcine Rotavirus. <i>PLoS ONE</i> , 2015, 10, e0137380.	1.1	30
245	Effects of Benzoic Acid and Thymol on Growth Performance and Gut Characteristics of Weaned Piglets. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 827-839.	2.4	51
246	Effect of dietary amylose/amylopectin ratio on growth performance, carcass traits, and meat quality in finishing pigs. <i>Meat Science</i> , 2015, 108, 55-60.	2.7	22
247	Sex- and afferent-specific differences in histamine receptor expression in vagal afferents of rats: A potential mechanism for sexual dimorphism in prevalence and severity of asthma. <i>Neuroscience</i> , 2015, 303, 166-177.	1.1	25
248	Influence of different S/Se ratio on the properties of Cu ₂ Sn(S x Se ^{1-x}) ₃ thin films fabricated by annealing stacked metal precursors. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6723-6729.	1.1	15
249	Synthesis of Cu ₂ ZnGeS ₄ thin film via sulfurization of RF magnetron sputtered precursor. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 3984-3988.	1.1	9
250	Solid state fermentation of rapeseed cake with <i>Aspergillus niger</i> for degrading glucosinolates and upgrading nutritional value. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 13.	2.1	81
251	Potential Risk of Isoflavones: Toxicological Study of Daidzein Supplementation in Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4228-4235.	2.4	14
252	Responses in ileal and cecal bacteria to low and high amylose/amylopectin ratio diets in growing pigs. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10627-10638.	1.7	25

#	ARTICLE	IF	CITATIONS
253	Dietary resveratrol supplementation improves meat quality of finishing pigs through changing muscle fiber characteristics and antioxidative status. <i>Meat Science</i> , 2015, 102, 15-21.	2.7	159
254	Comparison of jejunal digestive enzyme activities, expression of nutrient transporter genes, and apparent fecal digestibility in weaned piglets fed diets with varied sources of fiber. <i>Journal of Animal and Feed Sciences</i> , 2015, 24, 41-47.	0.4	18
255	Long-Term Intake of Pea Fiber Affects Colonic Barrier Function, Bacterial and Transcriptional Profile in Pig Model. <i>Nutrition and Cancer</i> , 2014, 66, 388-399.	0.9	30
256	Effects of dietary threonine supplementation on immune challenge induced by swine Pseudorabies live vaccine in weaned pigs. <i>Archives of Animal Nutrition</i> , 2014, 68, 1-15.	0.9	18
257	Dietary vitamin D supplementation attenuates immune responses of pigs challenged with rotavirus potentially through the retinoic acid-inducible gene I signalling pathway. <i>British Journal of Nutrition</i> , 2014, 112, 381-389.	1.2	44
258	The effect of dietary tryptophan levels on oxidative stress of liver induced by diquat in weaned piglets. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 49.	2.1	55
259	Cu ₂ ZnSnS ₄ thin film solar cell utilizing rapid thermal process of precursors sputtered from a quaternary target: a promising application in industrial processes. <i>RSC Advances</i> , 2014, 4, 43080-43086.	1.7	46
260	Impact of fiber types on gut microbiota, gut environment and gut function in fattening pigs. <i>Animal Feed Science and Technology</i> , 2014, 195, 101-111.	1.1	58
261	Danon disease. <i>Herz</i> , 2014, 39, 877-879.	0.4	6
262	Synthesis and characterization of Cu ₂ ZnSnS ₄ thin films by the sulfurization of co-electrodeposited Cu-Zn-S precursor layers for solar cell applications. <i>RSC Advances</i> , 2014, 4, 23977-23984.	1.7	63
263	Optimization of Microwave-Assisted Extraction of Tea Saponin and Its Application on Cleaning of Historic Silks. <i>Journal of Surfactants and Detergents</i> , 2014, 17, 919-928.	1.0	35
264	Cost-effective lignocellulolytic enzyme production by <i>Trichoderma reesei</i> on a cane molasses medium. <i>Biotechnology for Biofuels</i> , 2014, 7, 43.	6.2	27
265	Birth weight alters the response to postnatal high-fat diet-induced changes in meat quality traits and skeletal muscle proteome of pigs. <i>British Journal of Nutrition</i> , 2014, 111, 1738-1747.	1.2	19
266	Composition control in Cu ₂ ZnSnS ₄ thin films by a sol-gel technique without sulfurization. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 2703-2709.	1.1	7
267	Effects of dietary energy density and apparent ileal digestible lysine:digestible energy ratio on growth performance, meat quality, and peroxisome proliferator-activated receptor 1 β (PPAR1 β) gene expression of muscle and adipose tissues in Landrace-Rongchang crossbred pigs. <i>Livestock Science</i> , 2014, 167, 219-226.	0.6	4
268	Effects of dietary supplementation with benzoic acid on intestinal morphological structure and microflora in weaned piglets. <i>Livestock Science</i> , 2014, 167, 249-256.	0.6	66
269	MicroRNA-27a promotes porcine myoblast proliferation by downregulating myostatin expression. <i>Animal</i> , 2014, 8, 1867-1872.	1.3	16
270	Chronic Glucocorticoid Exposure-Induced Epididymal Adiposity Is Associated with Mitochondrial Dysfunction in White Adipose Tissue of Male C57BL/6J Mice. <i>PLoS ONE</i> , 2014, 9, e112628.	1.1	20

#	ARTICLE	IF	CITATIONS
271	Zn ²⁺ and l-isoleucine induce the expressions of porcine β -defensins in IPEC-J2 cells. <i>Molecular Biology Reports</i> , 2013, 40, 1547-1552.	1.0	35
272	Effects of vitamin E and selenium yeast on growth performance and immune function in ducks fed maize naturally contaminated with aflatoxin B1. <i>Livestock Science</i> , 2013, 152, 200-207.	0.6	25
273	Dietary fibre affects intestinal mucosal barrier function and regulates intestinal bacteria in weaning piglets. <i>British Journal of Nutrition</i> , 2013, 110, 1837-1848.	1.2	194
274	Protective effects of dietary arginine supplementation against oxidative stress in weaned piglets. <i>British Journal of Nutrition</i> , 2013, 109, 2253-2260.	1.2	61
275	Effects of intrauterine growth retardation and maternal folic acid supplementation on hepatic mitochondrial function and gene expression in piglets. <i>Archives of Animal Nutrition</i> , 2012, 66, 357-371.	0.9	22
276	Dietary arginine supplementation alleviates immune challenge induced by <i>Salmonella enterica</i> serovar Choleraesuis bacterin potentially through the Toll-like receptor 4-myeloid differentiation factor 88 signalling pathway in weaned piglets. <i>British Journal of Nutrition</i> , 2012, 108, 1069-1076.	1.2	33
277	Small polaron migration associated multiple dielectric responses of multiferroic DyMnO ₃ polycrystal in low temperature region. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	29
278	TagClus: a random walk-based method for tag clustering. <i>Knowledge and Information Systems</i> , 2011, 27, 193-225.	2.1	17
279	A high-amylopectin diet caused hepatic steatosis associated with more lipogenic enzymes and increased serum insulin concentration. <i>British Journal of Nutrition</i> , 2011, 106, 1470-1475.	1.2	18
280	Local Methods for Estimating SimRank Score. , 2010, , .		2
281	Effect of dietary tea polyphenols on growth performance and cell-mediated immune response of post-weaning piglets under oxidative stress. <i>Archives of Animal Nutrition</i> , 2010, 64, 12-21.	0.9	52
282	Functional characterisation of a recombinant xylanase from <i>Pichia pastoris</i> and effect of the enzyme on nutrient digestibility in weaned pigs. <i>British Journal of Nutrition</i> , 2010, 103, 1507-1513.	1.2	25
283	Expression of endo-1, 4-beta-xylanase from <i>Trichoderma reesei</i> in <i>Pichia pastoris</i> and functional characterization of the produced enzyme. <i>BMC Biotechnology</i> , 2009, 9, 56.	1.7	67
284	Efficient Algorithm for Computing Link-Based Similarity in Real World Networks. , 2009, , .		17
285	Magnetic Field, Flow Field and Inclusion Collision Growth in a Continuous Caster with EMBR. <i>Chemical Engineering and Technology</i> , 2007, 30, 1650-1658.	0.9	8
286	In Situ Formation of a Novel Nanocomposite Structure Based on MCM-41 and Polyethylene. <i>Journal of Porous Materials</i> , 2002, 9, 49-56.	1.3	18
287	Title is missing!. <i>Journal of Porous Materials</i> , 2002, 9, 5-16.	1.3	7
288	Dietary influences on the secretion into and degradation of mucin in the digestive tract of monogastric animals and humans. <i>Journal of Animal and Feed Sciences</i> , 2001, 10, 223-245.	0.4	64