

Bin Feng

List of Publications by Year in descending order

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148
papers

3,805
citations

147801

31
h-index

197818

49
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149
all docs

149
docs citations

149
times ranked

4456
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Expression of MYC Increases Longevity and Enhances Healthspan. <i>Cell</i> , 2015, 160, 477-488.	28.9	238
2	P,Sâ€¦Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladiumâ€Catalyzed Decarboxylative [4+2] Cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2200-2204.	13.8	158
3	Clodronate Liposomes Improve Metabolic Profile and Reduce Visceral Adipose Macrophage Content in Diet-Induced Obese Mice. <i>PLoS ONE</i> , 2011, 6, e24358.	2.5	126
4	Intrauterine Growth Restriction Delays Feeding-Induced Gut Adaptation in Term Newborn Pigs. <i>Neonatology</i> , 2011, 99, 208-216.	2.0	110
5	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. <i>Redox Biology</i> , 2021, 46, 102131.	9.0	106
6	Hepatic ERK activity plays a role in energy metabolism. <i>Molecular and Cellular Endocrinology</i> , 2013, 375, 157-166.	3.2	79
7	MAPK phosphataseâ€“3 promotes hepatic gluconeogenesis through dephosphorylation of forkhead box O1 in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 3901-3911.	8.2	78
8	The Polysaccharides from <i>Codonopsis pilosula</i> Modulates the Immunity and Intestinal Microbiota of Cyclophosphamide-Treated Immunosuppressed Mice. <i>Molecules</i> , 2018, 23, 1801.	3.8	77
9	Enantioselective Direct Functionalization of Indoles by Pd/Sulfoxide-Phosphine-Catalyzed <i>i</i> -Allylic Alkylation. <i>Organic Letters</i> , 2015, 17, 1381-1384.	4.6	62
10	Characterization and prebiotic activity in vitro of inulin-type fructan from <i>Codonopsis pilosula</i> roots. <i>Carbohydrate Polymers</i> , 2018, 193, 212-220.	10.2	62
11	Umpolung of Imines Enables Catalytic Asymmetric Regioâ€Cversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5888-5892.	13.8	61
12	A pectic polysaccharide from <i>Ligusticum chuanxiong</i> promotes intestine antioxidant defense in aged mice. <i>Carbohydrate Polymers</i> , 2017, 174, 915-922.	10.2	60
13	Maternal Dietary Fiber Composition during Gestation Induces Changes in Offspring Antioxidative Capacity, Inflammatory Response, and Gut Microbiota in a Sow Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 31.	4.1	56
14	Effects of high nutrient intake on the growth performance, intestinal morphology and immune function of neonatal intra-uterine growth-retarded pigs. <i>British Journal of Nutrition</i> , 2013, 110, 1819-1827.	2.3	55
15	Effects of intrauterine growth retardation and <i>Bacillus subtilis</i> PB6 supplementation on growth performance, intestinal development and immune function of piglets during the suckling period. <i>European Journal of Nutrition</i> , 2017, 56, 1753-1765.	3.9	54
16	Human adipose dynamics and metabolic health. <i>Annals of the New York Academy of Sciences</i> , 2013, 1281, 160-177.	3.8	50
17	Structural features of pectic polysaccharides from stems of two species of <i>Radix Codonopsis</i> and their antioxidant activities. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 704-713.	7.5	48
18	Palladium/sulfoxideâ€“phosphine-catalyzed highly enantioselective allylic etherification and amination. <i>Chemical Communications</i> , 2014, 50, 9550-9553.	4.1	46

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19	Mitogen-Activated Protein Kinase Phosphatase 3 (MKP-3) Deficient Mice Are Resistant to Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 2924-2934.	0.6	46
20	Microbial Mechanistic Insight into the Role of Inulin in Improving Maternal Health in a Pregnant Sow Model. <i>Frontiers in Microbiology</i> , 2017, 8, 2242.	3.5	46
21	Dietary Nucleotides Supplementation Improves the Intestinal Development and Immune Function of Neonates with Intra-Uterine Growth Restriction in a Pig Model. <i>PLoS ONE</i> , 2016, 11, e0157314.	2.5	46
22	Endoplasmic Reticulum Stress Inducer Tunicamycin Alters Hepatic Energy Homeostasis in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1710.	4.1	43
23	Fibroblast growth factor 21 coordinates adiponectin to mediate the beneficial effects of low-protein diet on primordial follicle reserve. <i>EBioMedicine</i> , 2019, 41, 623-635.	6.1	43
24	Fish Oil and Olive Oil Supplementation in Late Pregnancy and Lactation Differentially Affect Oxidative Stress and Inflammation in Sows and Piglets. <i>Lipids</i> , 2015, 50, 647-658.	1.7	42
25	Is male infertility associated with increased oxidative stress in seminal plasma? A-meta analysis. <i>Oncotarget</i> , 2018, 9, 24494-24513.	1.8	42
26	P,Sâ€¦Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladium-Catalyzed Decarboxylative [4+2] Cycloadditions. <i>Angewandte Chemie</i> , 2016, 128, 2240-2244.	2.0	40
27	Inclusion of purified dietary fiber during gestation improved the reproductive performance of sows. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 47.	5.3	38
28	Maternal nutrition modulates fetal development by inducing placental efficiency changes in gilts. <i>BMC Genomics</i> , 2017, 18, 213.	2.8	37
29	Polyphyllin VII Promotes Apoptosis and Autophagic Cell Death via ROS-Inhibited AKT Activity, and Sensitizes Glioma Cells to Temozolomide. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	4.0	36
30	A Polysaccharide Isolated from <i>Codonopsis pilosula</i> with Immunomodulation Effects Both In Vitro and In Vivo. <i>Molecules</i> , 2019, 24, 3632.	3.8	34
31	Improving maternal vitamin D status promotes prenatal and postnatal skeletal muscle development of pig offspring. <i>Nutrition</i> , 2016, 32, 1144-1152.	2.4	33
32	Maternal methyl donor supplementation during gestation counteracts bisphenol A-induced oxidative stress in sows and offspring. <i>Nutrition</i> , 2018, 45, 76-84.	2.4	33
33	Supplementation with organic acids showing different effects on growth performance, gut morphology and microbiota of weaned pigs fed with highly or less digestible diets. <i>Journal of Animal Science</i> , 2018, 96, 3302-3318.	0.5	33
34	Highly enantioselective Pd-catalyzed indole allylic alkylation using binaphthyl-based phosphoramidite-thioether ligands. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1246-1249.	4.5	32
35	Influence of dietary fat source on sow and litter performance, colostrum and milk fatty acid profile in late gestation and lactation. <i>Animal Science Journal</i> , 2017, 88, 1768-1778.	1.4	32
36	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.	6.3	32

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37	Effect of Postnatal Nutrition Restriction on the Oxidative Status of Neonates with Intrauterine Growth Restriction in a Pig Model. <i>Neonatology</i> , 2015, 107, 93-99.	2.0	31
38	A Highly Enantioselective Copper/Phosphoramidite- α -Thioether-Catalyzed Diastereodivergent 1,3-Dipolar Cycloaddition of Azomethine Ylides and Nitroalkenes. <i>Chemistry - A European Journal</i> , 2018, 24, 1714-1719.	3.3	31
39	Maternal Methyl Donor Supplementation during Gestation Counteracts the Bisphenol A-Induced Impairment of Intestinal Morphology, Disaccharidase Activity, and Nutrient Transporters Gene Expression in Newborn and Weaning Pigs. <i>Nutrients</i> , 2017, 9, 423.	4.1	30
40	Maternal supplementation of organic selenium during gestation improves sows and offspring antioxidant capacity and inflammatory status and promotes embryo survival. <i>Food and Function</i> , 2020, 11, 7748-7761.	4.6	30
41	Effects of dietary supplementation with exogenous catalase on growth performance, oxidative stress, and hepatic apoptosis in weaned piglets challenged with lipopolysaccharide. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	30
42	Effects of maternal over- and undernutrition on intestinal morphology, enzyme activity, and gene expression of nutrient transporters in newborn and weaned pigs. <i>Nutrition</i> , 2014, 30, 1442-1447.	2.4	29
43	Effects of the Ratio of Insoluble Fiber to Soluble Fiber in Gestation Diets on Sow Performance and Offspring Intestinal Development. <i>Animals</i> , 2019, 9, 422.	2.3	28
44	Characterization of Inulin-Type Fructan from <i>Platycodon grandiflorus</i> and Study on Its Prebiotic and Immunomodulating Activity. <i>Molecules</i> , 2019, 24, 1199.	3.8	28
45	Prospects of <i>Codonopsis pilosula</i> polysaccharides: Structural features and bioactivities diversity. <i>Trends in Food Science and Technology</i> , 2020, 103, 1-11.	15.1	28
46	Effect of High Fat Dietary Intake during Maternal Gestation on Offspring Ovarian Health in a Pig Model. <i>Nutrients</i> , 2016, 8, 498.	4.1	27
47	Effects of Maternal Low-Energy Diet during Gestation on Intestinal Morphology, Disaccharidase Activity, and Immune Response to Lipopolysaccharide Challenge in Pig Offspring. <i>Nutrients</i> , 2017, 9, 1115.	4.1	27
48	Chronic High Dose Zinc Supplementation Induces Visceral Adipose Tissue Hypertrophy without Altering Body Weight in Mice. <i>Nutrients</i> , 2017, 9, 1138.	4.1	27
49	Two complement fixing pectic polysaccharides from pedicel of <i>Lycium barbarum</i> L. promote cellular antioxidant defense. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 356-363.	7.5	27
50	Identification of hepatic fibroblast growth factor 21 as a mediator in 17 β -estradiol-induced white adipose tissue browning. <i>FASEB Journal</i> , 2018, 32, 5602-5611.	0.5	27
51	Alteration of the Antioxidant Capacity and Gut Microbiota under High Levels of Molybdenum and Green Tea Polyphenols in Laying Hens. <i>Antioxidants</i> , 2019, 8, 503.	5.1	27
52	FOXO1-dependent up-regulation of MAP kinase phosphatase 3 (MKP-3) mediates glucocorticoid-induced hepatic lipid accumulation in mice. <i>Molecular and Cellular Endocrinology</i> , 2014, 393, 46-55.	3.2	26
53	Effects of dietary <i>Clostridium butyricum</i> addition to sows in late gestation and lactation on reproductive performance and intestinal microbiota. <i>Journal of Animal Science</i> , 2019, 97, 3426-3439.	0.5	26
54	Effects of increased energy and amino acid intake in late gestation on reproductive performance, milk composition, metabolic, and redox status of sows. <i>Journal of Animal Science</i> , 2019, 97, 2914-2926.	0.5	26

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55	A pectic polysaccharide from water decoction of Xinjiang Lycium barbarum fruit protects against intestinal endoplasmic reticulum stress. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 508-514.	7.5	26
56	Dietary supplementation with β -hydroxy- β -methylbutyrate calcium during the early postnatal period accelerates skeletal muscle fibre growth and maturity in intra-uterine growth-retarded and normal-birth-weight piglets. <i>British Journal of Nutrition</i> , 2016, 115, 1360-1369.	2.3	25
57	Maternal organic selenium supplementation alleviates LPS induced inflammation, autophagy and ER stress in the thymus and spleen of offspring piglets by improving the expression of selenoproteins. <i>Food and Function</i> , 2021, 12, 11214-11228.	4.6	25
58	Characterization of an antioxidant pectic polysaccharide from <i>Platycodon grandiflorus</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 175, 473-480.	7.5	25
59	MEK/ERK pathway mediates insulin-promoted degradation of MKP-3 protein in liver cells. <i>Molecular and Cellular Endocrinology</i> , 2012, 361, 116-123.	3.2	24
60	Purification and Partial Structural Characterization of a Complement Fixating Polysaccharide from Rhizomes of <i>Ligusticum chuanxiong</i> . <i>Molecules</i> , 2017, 22, 287.	3.8	24
61	Polyphyllin II inhibits liver cancer cell proliferation, migration and invasion through downregulated cofilin activity and the AKT/NF- κ B pathway. <i>Biology Open</i> , 2020, 9, .	1.2	24
62	Nutrient restriction induces failure of reproductive function and molecular changes in hypothalamus-pituitary-gonadal axis in postpubertal gilts. <i>Molecular Biology Reports</i> , 2014, 41, 4733-4742.	2.3	23
63	Development of novel EST-SSR markers for ploidy identification based on de novo transcriptome assembly for <i>Misgurnus anguillicaudatus</i> . <i>PLoS ONE</i> , 2018, 13, e0195829.	2.5	23
64	New pectic polysaccharides from <i>Codonopsis pilosula</i> and <i>Codonopsis tangshen</i> : structural characterization and cellular antioxidant activities. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 6043-6052.	3.5	22
65	Mapping MKP-3/FOXO1 Interaction and Evaluating the Effect on Gluconeogenesis. <i>PLoS ONE</i> , 2012, 7, e41168.	2.5	21
66	Time-restricted feeding improves the reproductive function of female mice via liver fibroblast growth factor 21. <i>Clinical and Translational Medicine</i> , 2020, 10, e195.	4.0	21
67	Intra-uterine undernutrition amplifies age-associated glucose intolerance in pigs via altered DNA methylation at muscle GLUT4 promoter. <i>British Journal of Nutrition</i> , 2016, 116, 390-401.	2.3	20
68	Effects of 25-hydroxycholecalciferol supplementation in maternal diets on milk quality and serum bone status markers of sows and bone quality of piglets. <i>Animal Science Journal</i> , 2017, 88, 476-483.	1.4	20
69	Organic Selenium Increased Gilts Antioxidant Capacity, Immune Function, and Changed Intestinal Microbiota. <i>Frontiers in Microbiology</i> , 2021, 12, 723190.	3.5	20
70	Tumor grade related expression of neuroglobin is negatively regulated by PPAR γ 3 and confers antioxidant activity in glioma progression. <i>Redox Biology</i> , 2017, 12, 682-689.	9.0	19
71	Methyl donors dietary supplementation to gestating sows diet improves the growth rate of offspring and is associating with changes in expression and DNA methylation of insulin-like growth factor-1 gene. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 1340-1350.	2.2	19
72	Characterization of inulin-type fructans from two species of <i>Radix Codonopsis</i> and their oxidative defense activation and prebiotic activities. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2491-2499.	3.5	19

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73	Identification of Sucrose Non-Fermenting-Related Kinase (SNRK) as a Suppressor of Adipocyte Inflammation. <i>Diabetes</i> , 2013, 62, 2396-2409.	0.6	18
74	Pectic polysaccharide from <i>Nelumbo nucifera</i> leaves promotes intestinal antioxidant defense <i>in vitro</i> and <i>in vivo</i> . <i>Food and Function</i> , 2021, 12, 10828-10841.	4.6	18
75	Targeted metabolomics analysis of maternal-placental-fetal metabolism in pregnant swine reveals links in fetal bile acid homeostasis and sulfation capacity. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, G8-G16.	3.4	17
76	Effect of maternal organic selenium supplementation during pregnancy on sow reproductive performance and long-term effect on their progeny. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	17
77	Gut microbial metabolism of dietary fibre protects against high energy feeding induced ovarian follicular atresia in a pig model. <i>British Journal of Nutrition</i> , 2021, 125, 38-49.	2.3	17
78	Maternal organic selenium supplementation during gestation improves the antioxidant capacity and reduces the inflammation level in the intestine of offspring through the NF- κ B and ERK/Beclin-1 pathways. <i>Food and Function</i> , 2021, 12, 315-327.	4.6	17
79	A Maternal High-Energy Diet Promotes Intestinal Development and Intrauterine Growth of Offspring. <i>Nutrients</i> , 2016, 8, 258.	4.1	16
80	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.	3.0	16
81	Sucrose Nonfermenting-Related Kinase Regulates Both Adipose Inflammation and Energy Homeostasis in Mice and Humans. <i>Diabetes</i> , 2018, 67, 400-411.	0.6	16
82	mTORC1 signaling-associated protein synthesis in porcine mammary glands was regulated by the local available methionine depending on methionine sources. <i>Amino Acids</i> , 2018, 50, 105-115.	2.7	16
83	Soy isoflavones improve the oxidative stress induced hypothalamic inflammation and apoptosis in high fat diet-induced obese male mice through PGC1- α pathway. <i>Aging</i> , 2020, 12, 8710-8727.	3.1	16
84	Moderately increased energy intake during gestation improves body condition of primiparous sows, piglet growth performance, and milk fat and protein output. <i>Livestock Science</i> , 2016, 194, 23-30.	1.6	15
85	OsPHR3 affects the traits governing nitrogen homeostasis in rice. <i>BMC Plant Biology</i> , 2018, 18, 241.	3.6	15
86	Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice. <i>Endocrinology</i> , 2021, 162, .	2.8	15
87	Enhanced leavening properties of baker's yeast by reducing sucrase activity in sweet dough. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6375-6383.	3.6	14
88	Beneficial effects of dietary soluble fiber supplementation in replacement gilts: Pubertal onset and subsequent performance. <i>Animal Reproduction Science</i> , 2017, 186, 11-20.	1.5	14
89	Umpolung of Imines Enables Catalytic Asymmetric Regio-reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. <i>Angewandte Chemie</i> , 2018, 130, 5990-5994.	2.0	14
90	Dietary fiber sources for gestation sows: Evaluations based on combined <i>in vitro</i> and <i>in vivo</i> methodology. <i>Animal Feed Science and Technology</i> , 2020, 269, 114636.	2.2	14

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91	Effects of dietary soluble or insoluble fiber intake in late gestation on litter performance, milk composition, immune function, and redox status of sows around parturition. <i>Journal of Animal Science</i> , 2020, 98, .	0.5	14
92	Effects of a Diet Supplemented with Exogenous Catalase from <i>Penicillium notatum</i> on Intestinal Development and Microbiota in Weaned Piglets. <i>Microorganisms</i> , 2020, 8, 391.	3.6	14
93	Dietary tributyrin improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. <i>Poultry Science</i> , 2021, 100, 101429.	3.4	14
94	The comparison of preliminary structure and intestinal anti-inflammatory and anti-oxidative activities of polysaccharides from different root parts of <i>Angelica sinensis</i> (Oliv.) Diels. <i>Journal of Ethnopharmacology</i> , 2022, 295, 115446.	4.1	14
95	Effects of dietary fiber supplementation in gestation diets on sow performance, physiology and milk composition for successive three parities. <i>Animal Feed Science and Technology</i> , 2021, 276, 114945.	2.2	13
96	Detection of Placental Proteomes at Different Uterine Positions in Large White and Meishan Gilts on Gestational Day 90. <i>PLoS ONE</i> , 2016, 11, e0167799.	2.5	13
97	Effects of Maternal Fiber Intake on Intestinal Morphology, Bacterial Profile and Proteome of Newborns Using Pig as Model. <i>Nutrients</i> , 2021, 13, 42.	4.1	13
98	Effects of the different levels of dietary vitamin D on boar performance and semen quality. <i>Livestock Science</i> , 2017, 203, 63-68.	1.6	12
99	Dietary nucleotides supplementation during the suckling period improves the antioxidative ability of neonates with intrauterine growth retardation when using a pig model. <i>RSC Advances</i> , 2018, 8, 16152-16160.	3.6	12
100	OsSIZ2 exerts regulatory influences on the developmental responses and phosphate homeostasis in rice. <i>Scientific Reports</i> , 2017, 7, 12280.	3.3	11
101	A Pectic Polysaccharide from Sijunzi Decoction Promotes the Antioxidant Defenses of SW480 Cells. <i>Molecules</i> , 2017, 22, 1341.	3.8	11
102	High nutrient intake during the early postnatal period accelerates skeletal muscle fiber growth and maturity in intrauterine growth-restricted pigs. <i>Genes and Nutrition</i> , 2018, 13, 23.	2.5	11
103	Glucose activates the primordial follicle through the AMPK/mTOR signaling pathway. <i>Clinical and Translational Medicine</i> , 2020, 10, e122.	4.0	11
104	Dietary fiber in a low-protein diet during gestation affects nitrogen excretion in primiparous gilts, with possible influences from the gut microbiota. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	11
105	Restorative Effects of Inulin From <i>Codonopsis pilosula</i> on Intestinal Mucosal Immunity, Anti-Inflammatory Activity and Gut Microbiota of Immunosuppressed Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 786141.	3.5	11
106	Improvement of stress tolerance and leavening ability under multiple baking-associated stress conditions by overexpression of the SNR84 gene in baker's yeast. <i>International Journal of Food Microbiology</i> , 2015, 197, 15-21.	4.7	10
107	Influence of extrusion of corn and broken rice on energy content and growth performance of weaning pigs. <i>Animal Science Journal</i> , 2016, 87, 1386-1395.	1.4	10
108	Comparison of age and growth performance of diploid and tetraploid loach <i>Misgurnus anguillicaudatus</i> in the Yangtze River basin, China. <i>Environmental Biology of Fishes</i> , 2017, 100, 815-828.	1.0	10

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109	Substitution of soybean meal with detoxified <i>Jatropha curcas</i> kernel meal: Effects on performance, nutrient utilization, and meat edibility of growing pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 888-898.	2.4	10
110	Metabolomic Profiling Reveals the Difference on Reproductive Performance between High and Low Lactational Weight Loss Sows. <i>Metabolites</i> , 2019, 9, 295.	2.9	10
111	OsSIZ2 regulates nitrogen homeostasis and some of the reproductive traits in rice. <i>Journal of Plant Physiology</i> , 2019, 232, 51-60.	3.5	9
112	Effects of Melatonin Supplementation during Pregnancy on Reproductive Performance, Maternal Placental Fetal Redox Status, and Placental Mitochondrial Function in a Sow Model. <i>Antioxidants</i> , 2021, 10, 1867.	5.1	9
113	Dietary energy intake affects fetal survival and development during early and middle pregnancy in Large White and Meishan gilts. <i>Animal Nutrition</i> , 2015, 1, 152-159.	5.1	8
114	Interpretation of Fiber Supplementation on Offspring Testicular Development in a Pregnant Sow Model from a Proteomics Perspective. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4549.	4.1	8
115	Hepatic Leptin Signaling Improves Hyperglycemia by Stimulating MAPK Phosphatase-3 Protein Degradation via STAT3. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 983-1001.	4.5	8
116	Comparison of microRNA transcriptomes reveals differential regulation of microRNAs in different-aged boars. <i>Theriogenology</i> , 2018, 119, 105-113.	2.1	7
117	Transcriptome Profiling of Placenta through Pregnancy Reveals Dysregulation of Bile Acids Transport and Detoxification Function. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4099.	4.1	7
118	Effects of Fat Supplementation during Gestation on Reproductive Performance, Milk Composition of Sows and Intestinal Development of their Offspring. <i>Animals</i> , 2019, 9, 125.	2.3	7
119	Long-term maternal intake of inulin exacerbated the intestinal damage and inflammation of offspring rats in a DSS-induced colitis model. <i>Food and Function</i> , 2022, 13, 4047-4060.	4.6	7
120	Effects of prebiotic inulin addition to low- or high-fat diet on maternal metabolic status and neonatal traits of offspring in a pregnant sow model. <i>Journal of Functional Foods</i> , 2018, 48, 125-133.	3.4	6
121	Microbial Mechanistic Insights into the Role of Sweet Potato Vine on Improving Health in Chinese Meishan Gilt Model. <i>Animals</i> , 2019, 9, 632.	2.3	6
122	Optimal Dietary Fiber Intake to Retain a Greater Ovarian Follicle Reserve for Gilts. <i>Animals</i> , 2019, 9, 881.	2.3	6
123	Knockdown of OsSAE1a affects the growth and development and phosphate homeostasis in rice. <i>Journal of Plant Physiology</i> , 2020, 255, 153275.	3.5	6
124	Beneficial effects of a decreased meal frequency on nutrient utilization, secretion of luteinizing hormones and ovarian follicular development in gilts. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 41.	5.3	6
125	Effect of Sweet Potato Vine on the Onset of Puberty and Follicle Development in Chinese Meishan Gilts. <i>Animals</i> , 2019, 9, 297.	2.3	5
126	Soybean bioactive peptides supplementation during late gestation and lactation affect the reproductive performance, free amino acid composition in plasma and milk of sows. <i>Livestock Science</i> , 2020, 237, 104064.	1.6	5

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127	Effects of Birth Weight and Postnatal Nutritional Restriction on Skeletal Muscle Development, Myofiber Maturation, and Metabolic Status of Early-Weaned Piglets. <i>Animals</i> , 2020, 10, 156.	2.3	5
128	Effects of Corn and Broken Rice Extrusion on the Feed Intake, Nutrient Digestibility, and Gut Microbiota of Weaned Piglets. <i>Animals</i> , 2022, 12, 818.	2.3	5
129	Maternal VD ₃ supplementation during gestation improves intestinal health and microbial composition of weaning piglets. <i>Food and Function</i> , 2022, 13, 6830-6842.	4.6	5
130	Maternal and Fetal Bile Acid Homeostasis Regulated by Sulfated Progesterone Metabolites through FXR Signaling Pathway in a Pregnant Sow Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6496.	4.1	5
131	Maternal high fat intake affects the development and transcriptional profile of fetal intestine in late gestation using pig model. <i>Lipids in Health and Disease</i> , 2016, 15, 90.	3.0	4
132	Ursolic acid induces the production of IL6 and chemokines in both adipocytes and adipose tissue. <i>Adipocyte</i> , 2020, 9, 523-534.	2.8	4
133	Methionine Protects Mammary Cells against Oxidative Stress through Producing S-Adenosylmethionine to Maintain mTORC1 Signaling Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	4.0	4
134	Proteomic Analysis of Fetal Ovary Reveals That Ovarian Developmental Potential Is Greater in Meishan Pigs than in Yorkshire Pigs. <i>PLoS ONE</i> , 2015, 10, e0135514.	2.5	4
135	Deprivation of Dietary Fiber Enhances Susceptibility of Piglets to Lung Immune Stress. <i>Frontiers in Nutrition</i> , 2022, 9, 827509.	3.7	3
136	Teleseismic P-Wave Tomography of the New Guinea-Solomon Arc System. <i>Journal of Ocean University of China</i> , 2022, 21, 694-706.	1.2	3
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