Bin Feng

List of Publications by Year
in descending order

148 papers	3,805 citations	147726 31 h-index	197736 49 g-index
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. Cell, 2015, 160, 477-488.	13.5	238
2	P,Sâ€…Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladiumâ€Catalyzed Decarboxylative [4+2] Cycloadditions. Angewandte Chemie - International Edition, 2016, 55, 2200-2204.	7.2	158
3	Clodronate Liposomes Improve Metabolic Profile and Reduce Visceral Adipose Macrophage Content in Diet-Induced Obese Mice. PLoS ONE, 2011, 6, e24358.	1.1	126
4	Intrauterine Growth Restriction Delays Feeding-Induced Gut Adaptation in Term Newborn Pigs. Neonatology, 2011, 99, 208-216.	0.9	110
5	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. Redox Biology, 2021, 46, 102131.	3.9	106
6	Hepatic ERK activity plays a role in energy metabolism. Molecular and Cellular Endocrinology, 2013, 375, 157-166.	1.6	79
7	MAPK phosphataseâ€“3 promotes hepatic gluconeogenesis through dephosphorylation of forkhead box O1 in mice. Journal of Clinical Investigation, 2010, 120, 3901-3911.	3.9	78
8	The Polysaccharides from Codonopsis pilosula Modulates the Immunity and Intestinal Microbiota of Cyclophosphamide-Treated Immunosuppressed Mice. Molecules, 2018, 23, 1801.	1.7	77
9	Enantioselective Direct Functionalization of Indoles by Pd/Sulfoxide-Phosphine-Catalyzed N-Allylic Alkylation. Organic Letters, 2015, 17, 1381-1384.	2.4	62
10	Characterization and prebiotic activity in vitro of inulin-type fructan from Codonopsis pilosula roots. Carbohydrate Polymers, 2018, 193, 212-220.	5.1	62
11	Umpolung of Imines Enables Catalytic Asymmetric Regioâ€reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. Angewandte Chemie - International Edition, 2018, 57, 5888-5892.	7.2	61
12	A pectic polysaccharide from Ligusticum chuanxiong promotes intestine antioxidant defense in aged mice. Carbohydrate Polymers, 2017, 174, 915-922.	5.1	60
13	Maternal Dietary Fiber Composition during Gestation Induces Changes in Offspring Antioxidative Capacity, Inflammatory Response, and Gut Microbiota in a Sow Model. International Journal of Molecular Sciences, 2020, 21, 31.	1.8	56
14	Effects of high nutrient intake on the growth performance, intestinal morphology and immune function of neonatal intra-uterine growth-retarded pigs. British Journal of Nutrition, 2013, 110, 1819-1827.	1.2	55
15	Effects of intrauterine growth retardation and Bacillus subtilis PB6 supplementation on growth performance, intestinal development and immune function of piglets during the suckling period. European Journal of Nutrition, 2017, 56, 1753-1765.	1.8	54
16	Human adipose dynamics and metabolic health. Annals of the New York Academy of Sciences, 2013, 1281, 160-177.	1.8	50
17	Structural features of pectic polysaccharides from stems of two species of Radix Codonopsis and their antioxidant activities. International Journal of Biological Macromolecules, 2020, 159, 704-713.	3.6	48
18	Palladium/sulfoxideâ€“phosphine-catalyzed highly enantioselective allylic etherification and amination. Chemical Communications, 2014, 50, 9550-9553.	2.2	46

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19	Mitogen-Activated Protein Kinase Phosphatase 3 (MKP-3)â€“Deficient Mice Are Resistant to Diet-Induced Obesity. Diabetes, 2014, 63, 2924-2934.	0.3	46
20	Microbial Mechanistic Insight into the Role of Inulin in Improving Maternal Health in a Pregnant Sow Model. Frontiers in Microbiology, 2017, 8, 2242.	1.5	46
21	Dietary Nucleotides Supplementation Improves the Intestinal Development and Immune Function of Neonates with Intra-Uterine Growth Restriction in a Pig Model. PLoS ONE, 2016, 11, e0157314.	1.1	46
22	Endoplasmic Reticulum Stress Inducer Tunicamycin Alters Hepatic Energy Homeostasis in Mice. International Journal of Molecular Sciences, 2017, 18, 1710.	1.8	43
23	Fibroblast growth factor 21 coordinates adiponectin to mediate the beneficial effects of low-protein diet on primordial follicle reserve. EBioMedicine, 2019, 41, 623-635.	2.7	43
24	Fish Oil and Olive Oil Supplementation in Late Pregnancy and Lactation Differentially Affect Oxidative Stress and Inflammation in Sows and Piglets. Lipids, 2015, 50, 647-658.	0.7	42
25	Is male infertility associated with increased oxidative stress in seminal plasma? A-meta analysis. Oncotarget, 2018, 9, 24494-24513.	0.8	42
26	P,Sâ€…Ligands for the Asymmetric Construction of Quaternary Stereocenters in Palladiumâ€Catalyzed Decarboxylative [4+2] Cycloadditions. Angewandte Chemie, 2016, 128, 2240-2244.	1.6	40
27	Inclusion of purified dietary fiber during gestation improved the reproductive performance of sows. Journal of Animal Science and Biotechnology, 2020, 11, 47.	2.1	38
28	Maternal nutrition modulates fetal development by inducing placental efficiency changes in gilts. BMC Genomics, 2017, 18, 213.	1.2	37
29	Polyphyllin VII Promotes Apoptosis and Autophagic Cell Death via ROS-Inhibited AKT Activity, and Sensitizes Glioma Cells to Temozolomide. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-19.	1.9	36
30	A Polysaccharide Isolated from Codonopsis pilosula with Immunomodulation Effects Both In Vitro and In Vivo. Molecules, 2019, 24, 3632.	1.7	34
31	Improving maternal vitamin D status promotes prenatal and postnatal skeletal muscle development of pig offspring. Nutrition, 2016, 32, 1144-1152.	1.1	33
32	Maternal methyl donor supplementation during gestation counteracts bisphenol Aâ€“induced oxidative stress in sows and offspring. Nutrition, 2018, 45, 76-84.	1.1	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. Journal of Animal Science, 2018, 96, 3302-3318.	0.2	33
34	Highly enantioselective Pd-catalyzed indole allylic alkylation using binaphthyl-based phosphoramidite-thioether ligands. Organic Chemistry Frontiers, 2016, 3, 1246-1249.	2.3	32
35	Influence of dietary fat source on sow and litter performance, colostrum and milk fatty acid profile in late gestation and lactation. Animal Science Journal, 2017, 88, 1768-1778.	0.6	32
36	Transmissible gastroenteritis virus targets Paneth cells to inhibit the self-renewal and differentiation of Lgr5 intestinal stem cells via Notch signaling. Cell Death and Disease, 2020, 11, 40.	2.7	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. Neonatology, 2015, 107, 93-99.	0.9	31
38	A Highly Enantioselective Copper/Phosphoramiditeâ€Thioetherâ€Catalyzed Diastereodivergent 1,3â€Dipolar Cycloaddition of Azomethine Ylides and Nitroalkenes. Chemistry - A European Journal, 2018, 24, 1714-1719.	1.7	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. Nutrients, 2017, 9, 423.	1.7	30
40	Maternal supplementation of organic selenium during gestation improves sows and offspring antioxidant capacity and inflammatory status and promotes embryo survival. Food and Function, 2020, 11, 7748-7761.	2.1	30
41	Effects of dietary supplementation with exogenous catalase on growth performance, oxidative stress, and hepatic apoptosis in weaned piglets challenged with lipopolysaccharide. Journal of Animal Science, 2020, 98, .	0.2	30
42	Effects of maternal over- and undernutrition on intestinal morphology, enzyme activity, and gene expression of nutrient transporters in newborn and weaned pigs. Nutrition, 2014, 30, 1442-1447.	1.1	29
43	Effects of the Ratio of Insoluble Fiber to Soluble Fiber in Gestation Diets on Sow Performance and Offspring Intestinal Development. Animals, 2019, 9, 422.	1.0	28
44	Characterization of Inulin-Type Fructan from Platycodon grandiflorus and Study on Its Prebiotic and Immunomodulating Activity. Molecules, 2019, 24, 1199.	1.7	28
45	Prospects of Codonopsis pilosula polysaccharides: Structural features and bioactivities diversity. Trends in Food Science and Technology, 2020, 103, 1-11.	7.8	28
46	Effect of High Fat Dietary Intake during Maternal Gestation on Offspring Ovarian Health in a Pig Model. Nutrients, 2016, 8, 498.	1.7	27
47	Effects of Maternal Low-Energy Diet during Gestation on Intestinal Morphology, Disaccharidase Activity, and Immune Response to Lipopolysaccharide Challenge in Pig Offspring. Nutrients, 2017, 9, 1115.	1.7	27
48	Chronic High Dose Zinc Supplementation Induces Visceral Adipose Tissue Hypertrophy without Altering Body Weight in Mice. Nutrients, 2017, 9, 1138.	1.7	27
49	Two complement fixing pectic polysaccharides from pedicel of Lycium barbarum L. promote cellular antioxidant defense. International Journal of Biological Macromolecules, 2018, 112, 356-363.	3.6	27
50	Identification of hepatic fibroblast growth factor 21 as a mediator in 17Î²â€estradiolâ€induced white adipose tissue browning. FASEB Journal, 2018, 32, 5602-5611.	0.2	27
51	Alteration of the Antioxidant Capacity and Gut Microbiota under High Levels of Molybdenum and Green Tea Polyphenols in Laying Hens. Antioxidants, 2019, 8, 503.	2.2	27
52	FOXO1-dependent up-regulation of MAP kinase phosphatase 3 (MKP-3) mediates glucocorticoid-induced hepatic lipid accumulation in mice. Molecular and Cellular Endocrinology, 2014, 393, 46-55.	1.6	26
53	Effects of dietary Clostridium butyricum addition to sows in late gestation and lactation on reproductive performance and intestinal microbiota1. Journal of Animal Science, 2019, 97, 3426-3439.	0.2	26
54	Effects of increased energy and amino acid intake in late gestation on reproductive performance, milk composition, metabolic, and redox status of sows1. Journal of Animal Science, 2019, 97, 2914-2926.	0.2	26

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55	A pectic polysaccharide from water decoction of Xinjiang Lycium barbarum fruit protects against intestinal endoplasmic reticulum stress. International Journal of Biological Macromolecules, 2019, 130, 508-514.	3.6	26
56	Dietary supplementation with Î²-hydroxy-Î²-methylbutyrate calcium during the early postnatal period accelerates skeletal muscle fibre growth and maturity in intra-uterine growth-retarded and normal-birth-weight piglets. British Journal of Nutrition, 2016, 115, 1360-1369.	1.2	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. Food and Function, 2021, 12, 11214-11228.	2.1	25
58	Characterization of an antioxidant pectic polysaccharide from Platycodon grandiflorus. International Journal of Biological Macromolecules, 2021, 175, 473-480.	3.6	25
59	MEK/ERK pathway mediates insulin-promoted degradation of MKP-3 protein in liver cells. Molecular and Cellular Endocrinology, 2012, 361, 116-123.	1.6	24
60	Purification and Partial Structural Characterization of a Complement Fixating Polysaccharide from Rhizomes of Ligusticum chuanxiong. Molecules, 2017, 22, 287.	1.7	24
61	Polyphyllin II inhibits liver cancer cell proliferation, migration and invasion through downregulated cofilin activity and the AKT/NF-ÎºB pathway. Biology Open, 2020, 9, .	0.6	24
62	Nutrient restriction induces failure of reproductive function and molecular changes in hypothalamusâ€“pituitaryâ€“gonadal axis in postpubertal gilts. Molecular Biology Reports, 2014, 41, 4733-4742.	1.0	23
63	Development of novel EST-SSR markers for ploidy identification based on de novo transcriptome assembly for Misgurnus anguillicaudatus. PLoS ONE, 2018, 13, e0195829.	1.1	23
64	New pectic polysaccharides from <scp>Codonopsis pilosula</scp> and <scp>Codonopsis</scp> tangshen: structural characterization and cellular antioxidant activities. Journal of the Science of Food and Agriculture, 2021, 101, 6043-6052.	1.7	22
65	Mapping MKP-3/FOXO1 Interaction and Evaluating the Effect on Gluconeogenesis. PLoS ONE, 2012, 7, e41168.	1.1	21
66	Timeâ€restricted feeding improves the reproductive function of female mice via liver fibroblast growth factor 21. Clinical and Translational Medicine, 2020, 10, e195.	1.7	21
67	Intra-uterine undernutrition amplifies age-associated glucose intolerance in pigs via altered DNA methylation at muscle GLUT4 promoter. British Journal of Nutrition, 2016, 116, 390-401.	1.2	20
68	Effects of 25â€hydroxycholecalciferol supplementation in maternal diets on milk quality and serum bone status markers of sows and bone quality of piglets. Animal Science Journal, 2017, 88, 476-483.	0.6	20
69	Organic Selenium Increased Gilts Antioxidant Capacity, Immune Function, and Changed Intestinal Microbiota. Frontiers in Microbiology, 2021, 12, 723190.	1.5	20
70	Tumor grade related expression of neuroglobin is negatively regulated by PPARÎ³ and confers antioxidant activity in glioma progression. Redox Biology, 2017, 12, 682-689.	3.9	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 insulinâ€like growth factorâ€1 gene. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1340-1350.	1.0	19
72	Characterization of inulinâ€type fructans from two species of Radix Codonopsis and their oxidative defense activation and prebiotic activities. Journal of the Science of Food and Agriculture, 2021, 101, 2491-2499.	1.7	19

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73	Identification of Sucrose Non-Fermentingâ€“Related Kinase (SNRK) as a Suppressor of Adipocyte Inflammation. Diabetes, 2013, 62, 2396-2409.	0.3	18
74	Pectic polysaccharide fromNelumbo nuciferaleaves promotes intestinal antioxidant defensein vitroandin vivo. Food and Function, 2021, 12, 10828-10841.	2.1	18
75	Targeted metabolomics analysis of maternal-placental-fetal metabolism in pregnant swine reveals links in fetal bile acid homeostasis and sulfation capacity. American Journal of Physiology - Renal Physiology, 2019, 317, G8-G16.	1.6	17
76	Effect of maternal organic selenium supplementation during pregnancy on sow reproductive performance and long-term effect on their progeny. Journal of Animal Science, 2020, 98, .	0.2	17
77	Gut microbial metabolism of dietary fibre protects against high energy feeding induced ovarian follicular atresia in a pig model. British Journal of Nutrition, 2021, 125, 38-49.	1.2	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-Î¹B and ERK/Beclin-1 pathways. Food and Function, 2021, 12, 315-327.	2.1	17
79	A Maternal High-Energy Diet Promotes Intestinal Development and Intrauterine Growth of Offspring. Nutrients, 2016, 8, 258.	1.7	16
80	Effects of oil quality and antioxidant supplementation on sow performance, milk composition and oxidative status in serum and placenta. Lipids in Health and Disease, 2017, 16, 107.	1.2	16
81	Sucrose Nonfermenting-Related Kinase Regulates Both Adipose Inflammation and Energy Homeostasis in Mice and Humans. Diabetes, 2018, 67, 400-411.	0.3	16
82	mTORC1 signaling-associated protein synthesis in porcine mammary glands was regulated by the local available methionine depending on methionine sources. Amino Acids, 2018, 50, 105-115.	1.2	16
83	Soy isoflavones improve the oxidative stress induced hypothalamic inflammation and apoptosis in high fat diet-induced obese male mice through PGC1-alpha pathway. Aging, 2020, 12, 8710-8727.	1.4	16
84	Moderately increased energy intake during gestation improves body condition of primiparous sows, piglet growth performance, and milk fat and protein output. Livestock Science, 2016, 194, 23-30.	0.6	15
85	OsPHR3 affects the traits governing nitrogen homeostasis in rice. BMC Plant Biology, 2018, 18, 241.	1.6	15
86	Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice. Endocrinology, 2021, 162, .	1.4	15
87	Enhanced leavening properties of bakerâ€™s yeast by reducing sucrase activity in sweet dough. Applied Microbiology and Biotechnology, 2016, 100, 6375-6383.	1.7	14
88	Beneficial effects of dietary soluble fiber supplementation in replacement gilts: Pubertal onset and subsequent performance. Animal Reproduction Science, 2017, 186, 11-20.	0.5	14
89	Umpolung of Imines Enables Catalytic Asymmetric Regioâ€reversed [3+2] Cycloadditions of Iminoesters with Nitroolefins. Angewandte Chemie, 2018, 130, 5990-5994.	1.6	14
90	Dietary fiber sources for gestation sows: Evaluations based on combined in vitro and in vivo methodology. Animal Feed Science and Technology, 2020, 269, 114636.	1.1	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. Journal of Animal Science, 2020, 98, .	0.2	14
92	Effects of a Diet Supplemented with Exogenous Catalase from Penicillium notatum on Intestinal Development and Microbiota in Weaned Piglets. Microorganisms, 2020, 8, 391.	1.6	14
93	Dietary tributyrin improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. Poultry Science, 2021, 100, 101429.	1.5	14
94	The comparison of preliminary structure and intestinal anti-inflammatory and anti-oxidative activities of polysaccharides from different root parts of Angelica sinensis (Oliv.) Diels. Journal of Ethnopharmacology, 2022, 295, 115446.	2.0	14
95	Effects of dietary fiber supplementation in gestation diets on sow performance, physiology and milk composition for successive three parities. Animal Feed Science and Technology, 2021, 276, 114945.	1.1	13
96	Detection of Placental Proteomes at Different Uterine Positions in Large White and Meishan Gilts on Gestational Day 90. PLoS ONE, 2016, 11, e0167799.	1.1	13
97	Effects of Maternal Fiber Intake on Intestinal Morphology, Bacterial Profile and Proteome of Newborns Using Pig as Model. Nutrients, 2021, 13, 42.	1.7	13
98	Effects of the different levels of dietary vitamin D on boar performance and semen quality. Livestock Science, 2017, 203, 63-68.	0.6	12
99	Dietary nucleotides supplementation during the suckling period improves the antioxidative ability of neonates with intrauterine growth retardation when using a pig model. RSC Advances, 2018, 8, 16152-16160.	1.7	12
100	OsSIZ2 exerts regulatory influences on the developmental responses and phosphate homeostasis in rice. Scientific Reports, 2017, 7, 12280.	1.6	11
101	A Pectic Polysaccharide from Sijunzi Decoction Promotes the Antioxidant Defenses of SW480 Cells. Molecules, 2017, 22, 1341.	1.7	11
102	High nutrient intake during the early postnatal period accelerates skeletal muscle fiber growth and maturity in intrauterine growth-restricted pigs. Genes and Nutrition, 2018, 13, 23.	1.2	11
103	Glucose activates the primordial follicle through the AMPK/mTOR signaling pathway. Clinical and Translational Medicine, 2020, 10, e122.	1.7	11
104	Dietary fiber in a low-protein diet during gestation affects nitrogen excretion in primiparous gilts, with possible influences from the gut microbiota. Journal of Animal Science, 2021, 99, .	0.2	11
105	Restorative Effects of Inulin From Codonopsis pilosula on Intestinal Mucosal Immunity, Anti-Inflammatory Activity and Gut Microbiota of Immunosuppressed Mice. Frontiers in Pharmacology, 2022, 13, 786141.	1.6	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. International Journal of Food Microbiology, 2015, 197, 15-21.	2.1	10
107	Influence of extrusion of corn and broken rice on energy content and growth performance of weaning pigs. Animal Science Journal, 2016, 87, 1386-1395.	0.6	10
108	Comparison of age and growth performance of diploid and tetraploid loach Misgurnus anguillicaudatus in the Yangtze River basin, China. Environmental Biology of Fishes, 2017, 100, 815-828.	0.4	10

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109	Substitution of soybean meal with detoxified Jatropha curcas kernel meal: Effects on performance, nutrient utilization, and meat edibility of growing pigs. Asian-Australasian Journal of Animal Sciences, 2018, 31, 888-898.	2.4	10
110	Metabolomic Profiling Reveals the Difference on Reproductive Performance between High and Low Lactational Weight Loss Sows. Metabolites, 2019, 9, 295.	1.3	10
111	OsSIZ2 regulates nitrogen homeostasis and some of the reproductive traits in rice. Journal of Plant Physiology, 2019, 232, 51-60.	1.6	9
112	Effects of Melatonin Supplementation during Pregnancy on Reproductive Performance, Maternalâ€“Placentalâ€“Fetal Redox Status, and Placental Mitochondrial Function in a Sow Model. Antioxidants, 2021, 10, 1867.	2.2	9
113	Dietary energy intake affects fetal survival and development during early and middle pregnancy in Large White and Meishan gilts. Animal Nutrition, 2015, 1, 152-159.	2.1	8
114	Interpretation of Fiber Supplementation on Offspring Testicular Development in a Pregnant Sow Model from a Proteomics Perspective. International Journal of Molecular Sciences, 2019, 20, 4549.	1.8	8
115	Hepatic Leptin Signaling Improves Hyperglycemia by Stimulating MAPK Phosphatase-3 Protein Degradation via STAT3. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 983-1001.	2.3	8
116	Comparison of microRNA transcriptomes reveals differential regulation of microRNAs in different-aged boars. Theriogenology, 2018, 119, 105-113.	0.9	7
117	Transcriptome Profiling of Placenta through Pregnancy Reveals Dysregulation of Bile Acids Transport and Detoxification Function. International Journal of Molecular Sciences, 2019, 20, 4099.	1.8	7
118	Effects of Fat Supplementation during Gestation on Reproductive Performance, Milk Composition of Sows and Intestinal Development of their Offspring. Animals, 2019, 9, 125.	1.0	7
119	Long-term maternal intake of inulin exacerbated the intestinal damage and inflammation of offspring rats in a DSS-induced colitis model. Food and Function, 2022, 13, 4047-4060.	2.1	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. Journal of Functional Foods, 2018, 48, 125-133.	1.6	6
121	Microbial Mechanistic Insights into the Role of Sweet Potato Vine on Improving Health in Chinese Meishan Gilt Model. Animals, 2019, 9, 632.	1.0	6
122	Optimal Dietary Fiber Intake to Retain a Greater Ovarian Follicle Reserve for Gilts. Animals, 2019, 9, 881.	1.0	6
123	Knockdown of OsSAE1a affects the growth and development and phosphate homeostasis in rice. Journal of Plant Physiology, 2020, 255, 153275.	1.6	6
124	Beneficial effects of a decreased meal frequency on nutrient utilization, secretion of luteinizing hormones and ovarian follicular development in gilts. Journal of Animal Science and Biotechnology, 2021, 12, 41.	2.1	6
125	Effect of Sweet Potato Vine on the Onset of Puberty and Follicle Development in Chinese Meishan Gilts. Animals, 2019, 9, 297.	1.0	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. Livestock Science, 2020, 237, 104064.	0.6	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. Animals, 2020, 10, 156.	1.0	5
128	Effects of Corn and Broken Rice Extrusion on the Feed Intake, Nutrient Digestibility, and Gut Microbiota of Weaned Piglets. Animals, 2022, 12, 818.	1.0	5
129	Maternal VD₃supplementation during gestation improves intestinal health and microbial composition of weaning piglets. Food and Function, 2022, 13, 6830-6842.	2.1	5
130	Maternal and Fetal Bile Acid Homeostasis Regulated by Sulfated Progesterone Metabolites through FXR Signaling Pathway in a Pregnant Sow Model. International Journal of Molecular Sciences, 2022, 23, 6496.	1.8	5
131	Maternal high fat intake affects the development and transcriptional profile of fetal intestine in late gestation using pig model. Lipids in Health and Disease, 2016, 15, 90.	1.2	4
132	Ursolic acid induces the production of IL6 and chemokines in both adipocytes and adipose tissue. Adipocyte, 2020, 9, 523-534.	1.3	4
133	Methionine Protects Mammary Cells against Oxidative Stress through Producing S-Adenosylmethionine to Maintain mTORC1 Signaling Activity. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	4
134	Proteomic Analysis of Fetal Ovary Reveals That Ovarian Developmental Potential Is Greater in Meishan Pigs than in Yorkshire Pigs. PLoS ONE, 2015, 10, e0135514.	1.1	4
135	Deprivation of Dietary Fiber Enhances Susceptibility of Piglets to Lung Immune Stress. Frontiers in Nutrition, 2022, 9, 827509.	1.6	3
136	Teleseismic P-Wave Tomography of the New Guinea-Solomon Arc System. Journal of Ocean University of China, 2022, 21, 694-706.	0.6	3
137	Maternal energy insufficiency affects testicular development of the offspring in a swine model. Scientific Reports, 2019, 9, 14533.	1.6	2
138	Effects of Dietary Choline Levels During Pregnancy on Reproductive Performance, Plasma Metabolome and Gut Microbiota of Sows. Frontiers in Veterinary Science, 2021, 8, 771228.	0.9	2
139	Dietary Fibre Supplementation Improves Semen Production by Increasing Leydig Cells and Testosterone Synthesis in a Growing Boar Model. Frontiers in Veterinary Science, 2022, 9, 850685.	0.9	2
140	Effects of Chronic Exposure to Diets Containing Moldy Corn or Moldy Wheat Bran on Growth Performance, Ovarian Follicular Pool, and Oxidative Status of Gilts. Toxins, 2022, 14, 413.	1.5	2
141	The Impact of Enhancing Diet Quality or Dietary Supplementation of Flavor and Multi-Enzymes on Primiparous Lactating Sows. Animals, 2022, 12, 1493.	1.0	2
142	Mammary Protein Synthesis upon Long-Term Nutritional Restriction Was Attenuated by Oxidative-Stress-Induced Inhibition of Vacuolar H⁺-Adenosine Triphosphatase/Mechanistic Target of Rapamycin Complex 1 Signaling. Journal of Agricultural and Food Chemistry, 2019, 67, 8950-8957.	2.4	1
143	Maternal cholecalciferol supplementation during gestation improves antioxidant capacities in gilts and piglets. Italian Journal of Animal Science, 2021, 20, 1201-1210.	0.8	1
144	Arginine promotes testicular development in boars through nitric oxide and putrescine. Journal of Animal Physiology and Animal Nutrition, 2022, 106, 266-275.	1.0	1

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145	BAF-L Modulates Histone-to-Protamine Transition during Spermiogenesis. International Journal of Molecular Sciences, 2022, 23, 1985.	1.8	1
146	Property of polyaniline /multi-wall carbon nanotube composites. , 2009, , .		0
147	Synthesis and optical properties of L-cysteine hydrochloride-stabilized CdSe nanocrystals in a new alkali system. Journal of Nanoscience and Nanotechnology, 2008, 8, 1178-82.	0.9	0
148	Identification of Epsin1 as a regulator for hepatic lipid and glucose metabolism. Genes and Diseases, 2023, 10, 72-75.	1.5	0