Shengyu Xu

List of Publications by Year
in descending order

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139	2,701	201575	302012
papers	citations	27 h-index	39 g-index

140	140	140	2685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clodronate Liposomes Improve Metabolic Profile and Reduce Visceral Adipose Macrophage Content in Diet-Induced Obese Mice. PLoS ONE, 2011, 6, e24358.	1.1	126
2	Fibroblast growth factor 21 attenuates iron overload-induced liver injury and fibrosis by inhibiting ferroptosis. Redox Biology, 2021, 46, 102131.	3.9	106
3	Effects of dietary Clostridium butyricum supplementation on growth performance, intestinal development, and immune response of weaned piglets challenged with lipopolysaccharide. Journal of Animal Science and Biotechnology, 2018, 9, 62.	2.1	70
4	Effects of dietary live yeast supplementation on growth performance, diarrhoea severity, intestinal permeability and immunological parameters of weaned piglets challenged with enterotoxigenic Escherichia coli K88. British Journal of Nutrition, 2017, 118, 949-958.	1.2	60
5	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
6	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
7	Postnatal nutritional restriction affects growth and immune function of piglets with intra-uterine growth restriction. British Journal of Nutrition, 2015, 114, 53-62.	1.2	53
8	Progesterone receptor expression in granulosa cells is suppressed by microRNA-378-3p. Molecular and Cellular Endocrinology, 2015, 399, 95-102.	1.6	47
9	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
10	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
11	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
12	Changes in plasma amino acid profiles, growth performance and intestinal antioxidant capacity of piglets following increased consumption of methionine as its hydroxy analogue. British Journal of Nutrition, 2014, 112, 855-867.	1.2	43
13	Endoplasmic Reticulum Stress Inducer Tunicamycin Alters Hepatic Energy Homeostasis in Mice. International Journal of Molecular Sciences, 2017, 18, 1710.	1.8	43
14	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
15	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
16	Effects of dietary lysozyme levels on growth performance, intestinal morphology, nonâ€specific immunity and mRNA expression in weanling piglets. Animal Science Journal, 2016, 87, 411-418.	0.6	42
17	Inter-correlated gut microbiota and SCFAs changes upon antibiotics exposure links with rapid body-mass gain in weaned piglet model. Journal of Nutritional Biochemistry, 2019, 74, 108246.	1.9	42
18	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

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19	Maternal nutrition modulates fetal development by inducing placental efficiency changes in gilts. BMC Genomics, 2017, 18, 213.	1.2	37
20	Undernutrition Shapes the Gut Microbiota and Bile Acid Profile in Association with Altered Gut-Liver FXR Signaling in Weaning Pigs. Journal of Agricultural and Food Chemistry, 2019, 67, 3691-3701.	2.4	36
21	Dietary supplementation of Bacillus subtilis PB6 improves sow reproductive performance and reduces piglet birth intervals. Animal Nutrition, 2020, 6, 278-287.	2.1	34
22	Improving maternal vitamin D status promotes prenatal and postnatal skeletal muscle development of pig offspring. Nutrition, 2016, 32, 1144-1152.	1.1	33
23	Maternal methyl donor supplementation during gestation counteracts bisphenol Aâ€“induced oxidative stress in sows and offspring. Nutrition, 2018, 45, 76-84.	1.1	33
24	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
25	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
26	Effect of dietary 25-hydroxycholecalciferol supplementation and high stocking density on performance, egg quality, and tibia quality in laying hens. Poultry Science, 2020, 99, 2608-2615.	1.5	31
27	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
28	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
29	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
30	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
31	Green tea polyphenol epigallocatechin-3-gallate improves the antioxidant capacity of eggs. Food and Function, 2020, 11, 534-543.	2.1	29
32	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
33	Microbial insight into dietary protein source affects intestinal function of pigs with intrauterine growth retardation. European Journal of Nutrition, 2020, 59, 327-344.	1.8	28
34	The Effect of Oxidative Stress on the Chicken Ovary: Involvement of Microbiota and Melatonin Interventions. Antioxidants, 2021, 10, 1422.	2.2	28
35	Effect of High Fat Dietary Intake during Maternal Gestation on Offspring Ovarian Health in a Pig Model. Nutrients, 2016, 8, 498.	1.7	27
36	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

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37	Chronic High Dose Zinc Supplementation Induces Visceral Adipose Tissue Hypertrophy without Altering Body Weight in Mice. Nutrients, 2017, 9, 1138.	1.7	27
38	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
39	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
40	Effects of deoxynivalenol on mitochondrial dynamics and autophagy in pig spleen lymphocytes. Food and Chemical Toxicology, 2020, 140, 111357.	1.8	27
41	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
42	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
43	Differential analysis of gut microbiota and the effect of dietary Enterococcus faecium supplementation in broiler breeders with high or low laying performance. Poultry Science, 2021, 100, 1109-1119.	1.5	26
44	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
45	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
46	Effect of benzoic acid on production performance, egg quality, intestinal morphology, and cecal microbial community of laying hens. Poultry Science, 2021, 100, 196-205.	1.5	24
47	Enterococcus faecium NCIMB 10415 administration improves the intestinal health and immunity in neonatal piglets infected by enterotoxigenic Escherichia coli K88. Journal of Animal Science and Biotechnology, 2019, 10, 72.	2.1	22
48	Effects of silymarin supplementation during transition and lactation on reproductive performance, milk composition and haematological parameters in sows. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1896-1903.	1.0	21
49	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
50	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
51	The impact of dietary supplementation of different feed additives on performances of broiler breeders characterized by different egg-laying rate. Poultry Science, 2019, 98, 6091-6099.	1.5	20
52	Organic Selenium Increased Gilts Antioxidant Capacity, Immune Function, and Changed Intestinal Microbiota. Frontiers in Microbiology, 2021, 12, 723190.	1.5	20
53	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
54	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

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55	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
56	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
57	Maternal organic selenium supplementation during gestation improves the antioxidant capacity and reduces the inflammation level in the intestine of offspring through the NF-Î²B and ERK/Beclin-1 pathways. Food and Function, 2021, 12, 315-327.	2.1	17
58	A Maternal High-Energy Diet Promotes Intestinal Development and Intrauterine Growth of Offspring. Nutrients, 2016, 8, 258.	1.7	16
59	Catch-up growth following food restriction exacerbates adulthood glucose intolerance in pigs exposed toÂintrauterineÂundernutrition. Nutrition, 2016, 32, 1275-1284.	1.1	16
60	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
61	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
62	Live yeast supplementation during late gestation and lactation affects reproductive performance, colostrum and milk composition, blood biochemical and immunological parameters of sows. Animal Nutrition, 2020, 6, 288-292.	2.1	16
63	Dietary supplementation withLactobacillus plantarummodified gut microbiota, bile acid profile and glucose homoeostasis in weaning piglets. British Journal of Nutrition, 2020, 124, 797-808.	1.2	16
64	Recombinant porcine epidermal growth factor-secreting Lactococcus lactispromotes the growth performance of early-weaned piglets. BMC Veterinary Research, 2014, 10, 171.	0.7	15
65	Effect of maternal or postâ€weaning methyl donor supplementation on growth performance, carcass traits, and meat quality of pig offspring. Journal of the Science of Food and Agriculture, 2019, 99, 2096-2107.	1.7	15
66	Dietary Intake Regulates White Adipose Tissues Angiogenesis via Liver Fibroblast Growth Factor 21 in Male Mice. Endocrinology, 2021, 162, .	1.4	15
67	Comparative effects of enzymatic soybean, fish meal and milk powder in diets on growth performance, immunological parameters, SCFAs production and gut microbiome of weaned piglets. Journal of Animal Science and Biotechnology, 2021, 12, 106.	2.1	15
68	Differences in plasma metabolomics between sows fed<scp>dl</scp>-methionine and its hydroxy analogue reveal a strong association of milk composition and neonatal growth with maternal methionine nutrition. British Journal of Nutrition, 2015, 113, 585-595.	1.2	14
69	Rearing conditions affected responses of weaned pigs to organic acids showing a positive effect on digestibility, microflora and immunity. Animal Science Journal, 2016, 87, 1267-1280.	0.6	14
70	Increased maternal consumption of methionine as its hydroxyl analog promoted neonatal intestinal growth without compromising maternal energy homeostasis. Journal of Animal Science and Biotechnology, 2016, 7, 46.	2.1	14
71	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
72	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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73	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
74	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
75	Fecal bacteria and metabolite responses to dietary lysozyme in a sow model from late gestation until lactation. Scientific Reports, 2020, 10, 3210.	1.6	13
76	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
77	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
78	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
79	Transfer of Î²-hydroxy-Î²-methylbutyrate from sows to their offspring and its impact on muscle fiber type transformation and performance in pigs. Journal of Animal Science and Biotechnology, 2017, 8, 2.	2.1	12
80	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
81	Effects of yeast culture supplementation from late gestation to weaning on performance of lactating sows and growth of nursing piglets. Animal, 2022, 16, 100526.	1.3	12
82	Mammary inflammatory gene expression was associated with reproductive stage and regulated by docosahexenoic acid: in vitro and in vivo studies. Lipids in Health and Disease, 2016, 15, 215.	1.2	11
83	Proteomic Analysis of Fetal Ovaries Reveals That Primordial Follicle Formation and Transition Are Differentially Regulated. BioMed Research International, 2017, 2017, 1-11.	0.9	11
84	Effects of composite antimicrobial peptide on growth performance and health in weaned piglets. Animal Science Journal, 2018, 89, 397-403.	0.6	11
85	Effects of dietary Î²-glucan supplementation on growth performance and immunological and metabolic parameters of weaned pigs administered with Escherichia coli lipopolysaccharide. Food and Function, 2018, 9, 3338-3343.	2.1	11
86	Glucose activates the primordial follicle through the AMPK/mTOR signaling pathway. Clinical and Translational Medicine, 2020, 10, e122.	1.7	11
87	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
88	Effects of dietary supplementation with essential oils and protease on growth performance, antioxidation, inflammation and intestinal function of weaned pigs. Animal Nutrition, 2022, 9, 39-48.	2.1	11
89	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
90	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

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91	Metabolomic Profiling Reveals the Difference on Reproductive Performance between High and Low Lactational Weight Loss Sows. Metabolites, 2019, 9, 295.	1.3	10
92	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress. Poultry Science, 2022, 101, 101886.	1.5	10
93	Resveratrol Alleviating the Ovarian Function Under Oxidative Stress by Alternating Microbiota Related Tryptophan-Kynurenine Pathway. Frontiers in Immunology, 0, 13, .	2.2	10
94	Effects of dietary supplementation with lysozyme during late gestation and lactation stage on the performance of sows and their offspring1. Journal of Animal Science, 2018, 96, 4768-4779.	0.2	9
95	Responses of Vaginal Microbiota to Dietary Supplementation with Lysozyme and its Relationship with Rectal Microbiota and Sow Performance from Late Gestation to Early Lactation. Animals, 2021, 11, 593.	1.0	9
96	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
97	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
98	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
99	Differential responses of weaned piglets to supplemental porcine or chicken plasma in diets without inclusion of antibiotics and zinc oxide. Animal Nutrition, 2021, 7, 1173-1181.	2.1	8
100	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
101	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
102	The differences in energy metabolism and redox status between sows with short and long farrowing duration. Animal, 2021, 15, 100355.	1.3	7
103	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
104	Effects of Yeast-Derived ProteinvsSpray-Dried Porcine Plasma Supplementation on Growth Performance, Metabolism and Immune Response of Weanling Piglets. Italian Journal of Animal Science, 2014, 13, 3154.	0.8	6
105	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
106	Optimal Dietary Fiber Intake to Retain a Greater Ovarian Follicle Reserve for Gilts. Animals, 2019, 9, 881.	1.0	6
107	Characterization of the Intestinal Microbiota of Broiler Breeders With Different Egg Laying Rate. Frontiers in Veterinary Science, 2020, 7, 599337.	0.9	6
108	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

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109	Effects of Organic Chromium Yeast on Performance, Meat Quality, and Serum Parameters of Grow-Finish Pigs. Biological Trace Element Research, 2023, 201, 1188-1196.	1.9	6
110	Effect of Sweet Potato Vine on the Onset of Puberty and Follicle Development in Chinese Meishan Gilts. Animals, 2019, 9, 297.	1.0	5
111	Proteomic analysis reveals key proteins involved in arginine promotion of testicular development in boars. Theriogenology, 2020, 154, 181-189.	0.9	5
112	Soy isoflavones supplementation improves reproductive performance and serum antioxidant status of sows and the growth performance of their offspring. Journal of Animal Physiology and Animal Nutrition, 2022, 106, 1268-1276.	1.0	5
113	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
114	Maternal VD₃supplementation during gestation improves intestinal health and microbial composition of weaning piglets. Food and Function, 2022, 13, 6830-6842.	2.1	5
115	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
116	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
117	Reproductive stage associated changes in plasma fatty acid profile and proinflammatory cytokine expression in rat mammary glands. Animal Nutrition, 2016, 2, 119-126.	2.1	4
118	Ursolic acid induces the production of IL6 and chemokines in both adipocytes and adipose tissue. Adipocyte, 2020, 9, 523-534.	1.3	4
119	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
120	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
121	Microbial and metabolomic mechanisms mediating the effects of dietary inulin and cellulose supplementation on porcine oocyte and uterine development. Journal of Animal Science and Biotechnology, 2022, 13, 14.	2.1	4
122	Effects of Dietary Fiber, Crude Protein Level, and Gestation Stage on the Nitrogen Utilization of Multiparous Gestating Sows. Animals, 2022, 12, 1543.	1.0	4
123	Threonine and tryptophan supplementation enhance porcine respiratory and reproductive syndrome (<scp>PRRS</scp>) vaccineâ€induced immune responses of growing pigs. Animal Science Journal, 2015, 86, 294-304.	0.6	3
124	Mammary cell proliferation and catabolism of adipose tissues in nutrition-restricted lactating sows were associated with extracellular high glutamate levels. Journal of Animal Science and Biotechnology, 2018, 9, 78.	2.1	3
125	Dietary apple pectic oligosaccharide improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. Poultry Science, 2021, 100, 100976.	1.5	3
126	Deprivation of Dietary Fiber Enhances Susceptibility of Piglets to Lung Immune Stress. Frontiers in Nutrition, 2022, 9, 827509.	1.6	3

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127	The improvement of parturition duration by high intake of dietary fibre in late gestation is associated with gut microbiota and metabolome in sows. British Journal of Nutrition, 2022, 128, 2341-2352.	1.2	3
128	Effects of dietary threonine and tryptophan supplementation on growing pigs induced by porcine respiratory and reproductive syndrome vaccination. Archives of Animal Nutrition, 2014, 68, 385-397.	0.9	2
129	Maternal energy insufficiency affects testicular development of the offspring in a swine model. Scientific Reports, 2019, 9, 14533.	1.6	2
130	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
131	Maternal Long-Term Intake of Inulin Improves Fetal Development through Gut Microbiota and Related Metabolites in a Rat Model. Journal of Agricultural and Food Chemistry, 2022, , .	2.4	2
132	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
133	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
134	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
135	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
136	Maternal cholecalciferol supplementation during gestation improves antioxidant capacities in gilts and piglets. Italian Journal of Animal Science, 2021, 20, 1201-1210.	0.8	1
137	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
138	Effects of Energy and Dietary Fiber on the Breast Development in Gilt. Frontiers in Veterinary Science, 2022, 9, 830392.	0.9	0
139	Identification of Epsin1 as a regulator for hepatic lipid and glucose metabolism. Genes and Diseases, 2023, 10, 72-75.	1.5	0