

Bie Tan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

4,735
citations

34
h-index

65
g-index

132
ext. papers

6,032
ext. citations

5.1
avg, IF

5.55
L-index

#	Paper	IF	Citations
126	Ellagic Acid Alleviates Oxidative Stress by Mediating Nrf2 Signaling Pathways and Protects against Paraquat-Induced Intestinal Injury in Piglets.. <i>Antioxidants</i> , 2022 , 11,	7.1	4
125	Glutamine, glutamate, and aspartate differently modulate energy homeostasis of small intestine under normal or low energy status in piglets.. <i>Animal Nutrition</i> , 2022 , 8, 216-226	4.8	2
124	The Amino Acids Sensing and Utilization in Response to Dietary Aromatic Amino Acid Supplementation in LPS-Induced Inflammation Piglet Model.. <i>Frontiers in Nutrition</i> , 2021 , 8, 819835	6.2	0
123	Fermented Cottonseed Meal as a Partial Replacement for Soybean Meal Could Improve the Growth Performance, Immunity and Antioxidant Properties, and Nutrient Digestibility by Altering the Gut Microbiota Profile of Weaned Piglets. <i>Frontiers in Microbiology</i> , 2021 , 12, 734389	5.7	1
122	Ellagic acid ameliorates paraquat-induced liver injury associated with improved gut microbial profile. <i>Environmental Pollution</i> , 2021 , 293, 118572	9.3	4
121	MyD88 deficiency ameliorates weight loss caused by intestinal oxidative injury in an autophagy-dependent mechanism. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	2
120	Baicalin-Zinc Complex Alleviates Inflammatory Responses and Hormone Profiles by Microbiome in Deoxynivalenol Induced Piglets. <i>Frontiers in Nutrition</i> , 2021 , 8, 738281	6.2	2
119	GABA transporter sustains IL-1 β production in macrophages. <i>Science Advances</i> , 2021 , 7,	14.3	16
118	Fullerene C60 Protects Against Intestinal Injury from Deoxynivalenol Toxicity by Improving Antioxidant Capacity. <i>Life</i> , 2021 , 11,	3	1
117	Serum biochemical parameters and amino acids metabolism are altered in piglets by early-weaning and proline and putrescine supplementations. <i>Animal Nutrition</i> , 2021 , 7, 334-345	4.8	4
116	Effects of dietary carboxymethyl pachyman on oxidative stress and inflammation in weaned piglets challenged with diquat. <i>Animal Feed Science and Technology</i> , 2021 , 276, 114922	3	2
115	Postnatal growth retardation is associated with deteriorated intestinal mucosal barrier function using a porcine model. <i>Journal of Cellular Physiology</i> , 2021 , 236, 2631-2648	7	2
114	The microbiota-gut-brain axis: A novel nutritional therapeutic target for growth retardation. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-26	11.5	3
113	Advanced single-cell pooled CRISPR screening identifies C19orf53 required for cell proliferation based on mTORC1 regulators. <i>Cell Biology and Toxicology</i> , 2021 , 1	7.4	2
112	Effects of on the Intestinal Functions in Weaning Piglets. <i>Frontiers in Nutrition</i> , 2021 , 8, 713256	6.2	1
111	Effects of dietary rosemary extract supplementation on growth performance, nutrient digestibility, antioxidant capacity, intestinal morphology, and microbiota of weaning pigs. <i>Journal of Animal Science</i> , 2021 , 99,	0.7	3
110	The Role of Oxidative Stress and Antioxidant Balance in Pregnancy. <i>Mediators of Inflammation</i> , 2021 , 2021, 9962860	4.3	9

109	The Role of Polyphenols in Regulation of Heat Shock Proteins and Gut Microbiota in Weaning Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6676444	6.7	0
108	Flavones as Potential Alternatives to Antibiotic Growth Promoters in a Low-Protein Diet Improve Growth Performance and Intestinal Health in Weaning Piglets. <i>Animals</i> , 2020 , 10,	3.1	2
107	Administration of Exogenous Melatonin Improves the Diurnal Rhythms of the Gut Microbiota in Mice Fed a High-Fat Diet. <i>MSystems</i> , 2020 , 5,	7.6	34
106	Chloroquine Improves Deoxynivalenol-Induced Inflammatory Response and Intestinal Mucosal Damage in Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 9834813	6.7	2
105	Chloroquine Downregulation of Intestinal Autophagy to Alleviate Biological Stress in Early-Weaned Piglets. <i>Animals</i> , 2020 , 10,	3.1	7
104	Dietary glutamine, glutamate, and aspartate supplementation improves hepatic lipid metabolism in post-weaning piglets. <i>Animal Nutrition</i> , 2020 , 6, 124-129	4.8	1
103	Amino acids regulate energy utilization through mammalian target of rapamycin complex 1 and adenosine monophosphate activated protein kinase pathway in porcine enterocytes. <i>Animal Nutrition</i> , 2020 , 6, 98-106	4.8	2
102	Functional bioactive substance improves the growth performance, antioxidant capacity and immune function of growth retardation pigs. <i>Food and Agricultural Immunology</i> , 2020 , 31, 329-340	2.9	3
101	The Evaluation of the Antioxidant and Intestinal Protective Effects of Baicalin-Copper in Deoxynivalenol-Challenged Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 5363546	6.7	15
100	Dietary Puerarin Supplementation Alleviates Oxidative Stress in the Small Intestines of Diquat-Challenged Piglets. <i>Animals</i> , 2020 , 10,	3.1	9
99	Dynamic changes in circulating levels of metabolites in the portal-drained viscera of finishing pigs receiving acute administration of L-arginine. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020 , 104, 1424-1431	2.6	
98	Dietary Baicalin Zinc Supplementation Alleviates Oxidative Stress and Enhances Nutrition Absorption in Deoxynivalenol Challenged Pigs. <i>Current Drug Metabolism</i> , 2020 , 21, 614-625	3.5	16
97	Eucommia ulmoides flavones (EUF) abrogated enterocyte damage induced by LPS involved in NF- κ B signaling pathway. <i>Toxicology in Vitro</i> , 2020 , 62, 104674	3.6	10
96	Flavonoids and type 2 diabetes: Evidence of efficacy in clinical and animal studies and delivery strategies to enhance their therapeutic efficacy. <i>Pharmacological Research</i> , 2020 , 152, 104629	10.2	52
95	Arginine accelerates intestinal health through cytokines and intestinal microbiota. <i>International Immunopharmacology</i> , 2020 , 81, 106029	5.8	6
94	Opportunities of prebiotics for the intestinal health of monogastric animals. <i>Animal Nutrition</i> , 2020 , 6, 379-388	4.8	15
93	Low-Protein Diet Supplemented with Medium-Chain Fatty Acid Glycerides Improves the Growth Performance and Intestinal Function in Post-Weaning Piglets. <i>Animals</i> , 2020 , 10,	3.1	5
92	Circadian rhythms and obesity: Timekeeping governs lipid metabolism. <i>Journal of Pineal Research</i> , 2020 , 69, e12682	10.4	23

91	Postnatal growth retardation is associated with intestinal mucosa mitochondrial dysfunction and aberrant energy status in piglets. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 10100-10111	5.6	5
90	Regulatory role of l-proline in fetal pig growth and intestinal epithelial cell proliferation. <i>Animal Nutrition</i> , 2020 , 6, 438-446	4.8	3
89	Baicalin-Copper Complex Modulates Gut Microbiota, Inflammatory Responses, and Hormone Secretion in DON-Challenged Piglets. <i>Animals</i> , 2020 , 10,	3.1	5
88	Bacillus subtilis: a potential growth promoter in weaned pigs in comparison to carbadox. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	6
87	Dietary spp enhanced growth and disease resistance of weaned pigs by modulating intestinal microbiota and systemic immunity. <i>Journal of Animal Science and Biotechnology</i> , 2020 , 11, 101	6	19
86	Dietary Insect Powder Protein Sources Improve Protein Utilization by Regulation on Intestinal Amino Acid-Chemosensing System. <i>Animals</i> , 2020 , 10,	3.1	7
85	Effects of dietary gamma-aminobutyric acid supplementation on amino acid profile, intestinal immunity, and microbiota in ETEC-challenged piglets. <i>Food and Function</i> , 2020 , 11, 9067-9074	6.1	2
84	Mitochondria-Targeted Antioxidants: A Step towards Disease Treatment. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 8837893	6.7	26
83	The Role of Nrf2 Signaling Pathway in Flavones Regulating Oxidative Stress in the Intestine of Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 9719618	6.7	20
82	Influence of supplemented coated-cysteamine on morphology, apoptosis and oxidative stress status of gastrointestinal tract. <i>BMC Veterinary Research</i> , 2019 , 15, 328	2.7	4
81	Post-natal Growth Retardation Associated With Impaired Gut Hormone Profiles, Immune and Antioxidant Function in Pigs. <i>Frontiers in Endocrinology</i> , 2019 , 10, 660	5.7	6
80	Effects of dietary gamma-aminobutyric acid supplementation on the intestinal functions in weaning piglets. <i>Food and Function</i> , 2019 , 10, 366-378	6.1	29
79	Small intestinal transcriptome analysis revealed changes of genes involved in nutrition metabolism and immune responses in growth retardation piglets1. <i>Journal of Animal Science</i> , 2019 , 97, 3795-3808	0.7	9
78	Nutritional Intervention for the Intestinal Development and Health of Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 46	3.1	51
77	Excess Iron Enhances Purine Catabolism Through Activation of Xanthine Oxidase and Impairs Myelination in the Hippocampus of Nursing Piglets. <i>Journal of Nutrition</i> , 2019 , 149, 1911-1919	4.1	2
76	Differences in Gut Microbial and Serum Biochemical Indices Between Sows With Different Productive Capacities During Perinatal Period. <i>Frontiers in Microbiology</i> , 2019 , 10, 3047	5.7	10
75	Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019 , 10, 321-330	10	58
74	Slc6a13 deficiency promotes Th17 responses during intestinal bacterial infection. <i>Mucosal Immunology</i> , 2019 , 12, 531-544	9.2	19

73	Effect of dietary copper source (inorganic vs. chelated) on immune response, mineral status, and fecal mineral excretion in nursery piglets. <i>Food and Agricultural Immunology</i> , 2018 , 29, 548-563	2.9	3
72	Melatonin alleviates weanling stress in mice: Involvement of intestinal microbiota. <i>Journal of Pineal Research</i> , 2018 , 64, e12448	10.4	85
71	Amino Acids As Mediators of Metabolic Cross Talk between Host and Pathogen. <i>Frontiers in Immunology</i> , 2018 , 9, 319	8.4	49
70	The effect of dietary protein intake on immune status in pigs of different genotypes. <i>Food and Agricultural Immunology</i> , 2018 , 29, 776-784	2.9	7
69	Extraction and identification of the chyme proteins in the digestive tract of growing pigs. <i>Science China Life Sciences</i> , 2018 , 61, 1396-1406	8.5	3
68	Involvement of calcium-sensing receptor activation in the alleviation of intestinal inflammation in a piglet model by dietary aromatic amino acid supplementation. <i>British Journal of Nutrition</i> , 2018 , 120, 1321-1331	3.6	17
67	The Regulatory Role of MeAIB in Protein Metabolism and the mTOR Signaling Pathway in Porcine Enterocytes. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	3
66	Optimal branched-chain amino acid ratio improves cell proliferation and protein metabolism of porcine enterocytes in vivo and in vitro. <i>Nutrition</i> , 2018 , 54, 173-181	4.8	15
65	Effects of dietary tryptophan supplementation in the acetic acid-induced colitis mouse model. <i>Food and Function</i> , 2018 , 9, 4143-4152	6.1	18
64	Exploring polyamines: Functions in embryo/fetal development. <i>Animal Nutrition</i> , 2017 , 3, 7-10	4.8	19
63	Melatonin signaling in T cells: Functions and applications. <i>Journal of Pineal Research</i> , 2017 , 62, e12394	10.4	109
62	Amino-acid transporters in T-cell activation and differentiation. <i>Cell Death and Disease</i> , 2017 , 8, e2655	9.8	61
61	Metabolic control of myofibers: promising therapeutic target for obesity and type 2 diabetes. <i>Obesity Reviews</i> , 2017 , 18, 647-659	10.6	29
60	Effects of Lysine deficiency and Lys-Lys dipeptide on cellular apoptosis and amino acids metabolism. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600754	5.9	21
59	Diurnal variations in polyunsaturated fatty acid contents and expression of genes involved in their de novo synthesis in pigs. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 483, 430-434	3.4	14
58	Environmental Sustainability Analysis and Nutritional Strategies of Animal Production in China. <i>Annual Review of Animal Biosciences</i> , 2017 , 5, 171-184	13.7	13
57	Modulatory Mechanism of Polyphenols and Nrf2 Signaling Pathway in LPS Challenged Pregnancy Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8254289	6.7	16
56	Alanyl-glutamine but not glycyl-glutamine improved the proliferation of enterocytes as glutamine substitution in vitro. <i>Amino Acids</i> , 2017 , 49, 2023-2031	3.5	12

55	Polyamines: therapeutic perspectives in oxidative stress and inflammatory diseases. <i>Amino Acids</i> , 2017 , 49, 1457-1468	3.5	29
54	Effect of deoxynivalenol on apoptosis, barrier function, and expression levels of genes involved in nutrient transport, mitochondrial biogenesis and function in IPEC-J2 cells. <i>Toxicology Research</i> , 2017 , 6, 866-877	2.6	22
53	Protective mechanism of Eucommia ulmoides flavone (EUF) on enterocyte damage induced by LPS. <i>Free Radical Biology and Medicine</i> , 2017 , 108, S40	7.8	3
52	Diurnal variations in iron concentrations and expression of genes involved in iron absorption and metabolism in pigs. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 1210-1214	3.4	23
51	Effect of branched-chain amino acid ratio on the proliferation, differentiation, and expression levels of key regulators involved in protein metabolism of myocytes. <i>Nutrition</i> , 2017 , 36, 8-16	4.8	28
50	Expression of proteins in intestinal middle villus epithelial cells of weanling piglets. <i>Frontiers in Bioscience - Landmark</i> , 2017 , 22, 539-557	2.8	4
49	The Evaluation of Antioxidant and Anti-Inflammatory Effects of Flavones Using Diquat-Challenged Piglet Models. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 8140962	6.7	35
48	Toxicity assessment of hydrogen peroxide on Toll-like receptor system, apoptosis, and mitochondrial respiration in piglets and IPEC-J2 cells. <i>Oncotarget</i> , 2017 , 8, 3124-3131	3.3	19
47	The role of nitric oxide pathway in arginine transport and growth of IPEC-1 cells. <i>Oncotarget</i> , 2017 , 8, 29976-29983	3.3	6
46	Alpha-ketoglutarate (AKG) lowers body weight and affects intestinal innate immunity through influencing intestinal microbiota. <i>Oncotarget</i> , 2017 , 8, 38184-38192	3.3	20
45	Free Amino Acid Profile and Expression of Genes Implicated in Protein Metabolism in Skeletal Muscle of Growing Pigs Fed Low-Protein Diets Supplemented with Branched-Chain Amino Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 9390-9400	5.7	29
44	Effects of dietary protein restriction on muscle fiber characteristics and mTORC1 pathway in the skeletal muscle of growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 47	6	22
43	Glutamine promotes intestinal SIgA secretion through intestinal microbiota and IL-13. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1637-48	5.9	49
42	Developmental changes in intercellular junctions and Kv channels in the intestine of piglets during the suckling and post-weaning periods. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 4	6	34
41	Chitosan Oligosaccharide Reduces Intestinal Inflammation That Involves Calcium-Sensing Receptor (CaSR) Activation in Lipopolysaccharide (LPS)-Challenged Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 245-52	5.7	69
40	Developmental changes in hepatic glucose metabolism in a newborn piglet model: A comparative analysis for suckling period and early weaning period. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 470, 824-30	3.4	7
39	Intestinal Microbiota-Derived GABA Mediates Interleukin-17 Expression during Enterotoxigenic Infection. <i>Frontiers in Immunology</i> , 2016 , 7, 685	8.4	45
38	Interferon Tau Affects Mouse Intestinal Microbiota and Expression of IL-17. <i>Mediators of Inflammation</i> , 2016 , 2016, 2839232	4.3	19

37	Health-Promoting Properties of <i>Eucommia ulmoides</i> : A Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 5202908	2.3	29
36	Dietary Chitosan Supplementation Increases Microbial Diversity and Attenuates the Severity of Infection in Mice. <i>Mediators of Inflammation</i> , 2016 , 2016, 9236196	4.3	15
35	Oxidative Stress and Inflammation: What Polyphenols Can Do for Us?. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 7432797	6.7	672
34	Glutamine-Induced Secretion of Intestinal Secretory Immunoglobulin A: A Mechanistic Perspective. <i>Frontiers in Immunology</i> , 2016 , 7, 503	8.4	42
33	N-Acetyl-L-cysteine Protects the Enterocyte against Oxidative Damage by Modulation of Mitochondrial Function. <i>Mediators of Inflammation</i> , 2016 , 2016, 8364279	4.3	19
32	Effects of Weaning on Intestinal Upper Villus Epithelial Cells of Piglets. <i>PLoS ONE</i> , 2016 , 11, e0150216	3.7	28
31	Proteome analysis for the global proteins in the jejunum tissues of enterotoxigenic <i>Escherichia coli</i> -infected piglets. <i>Scientific Reports</i> , 2016 , 6, 25640	4.9	22
30	Leucine in Obesity: Therapeutic Prospects. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 714-727	13.2	48
29	Effects of supplementation with branched-chain amino acids to low-protein diets on expression of genes related to lipid metabolism in skeletal muscle of growing pigs. <i>Amino Acids</i> , 2016 , 48, 2131-44	3.5	37
28	mTORC1 signaling and IL-17 expression: Defining pathways and possible therapeutic targets. <i>European Journal of Immunology</i> , 2016 , 46, 291-9	6.1	57
27	Dietary protein intake affects expression of genes for lipid metabolism in porcine skeletal muscle in a genotype-dependent manner. <i>British Journal of Nutrition</i> , 2015 , 113, 1069-77	3.6	32
26	The profiles of mitochondrial respiration and glycolysis using extracellular flux analysis in porcine enterocyte IPEC-J2. <i>Animal Nutrition</i> , 2015 , 1, 239-243	4.8	24
25	Autophagy protects intestinal epithelial cells against deoxynivalenol toxicity by alleviating oxidative stress via IKK signaling pathway. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 944-51	7.8	68
24	Differential expression of proteins involved in energy production along the crypt-villus axis in early-weaning pig small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G229-37	5.1	30
23	Methionine deficiency reduces autophagy and accelerates death in intestinal epithelial cells infected with enterotoxigenic <i>Escherichia coli</i> . <i>Amino Acids</i> , 2015 , 47, 2199-204	3.5	21
22	Myokine interleukin-15 expression profile is different in suckling and weaning piglets. <i>Animal Nutrition</i> , 2015 , 1, 30-35	4.8	21
21	The application of antimicrobial peptides as growth and health promoters for swine. <i>Journal of Animal Science and Biotechnology</i> , 2015 , 6, 19	6	58
20	L-arginine improves DNA synthesis in LPS-challenged enterocytes. <i>Frontiers in Bioscience - Landmark</i> , 2015 , 20, 989-1003	2.8	35

19	Characterization and Regulation of the Amino Acid Transporter SNAT2 in the Small Intestine of Piglets. <i>PLoS ONE</i> , 2015 , 10, e0128207	3-7	16
18	Signaling Pathways Related to Protein Synthesis and Amino Acid Concentration in Pig Skeletal Muscles Depend on the Dietary Protein Level, Genotype and Developmental Stages. <i>PLoS ONE</i> , 2015 , 10, e0138277	3-7	21
17	Enterotoxigenic <i>Escherichia coli</i> infection induces intestinal epithelial cell autophagy. <i>Veterinary Microbiology</i> , 2014 , 171, 160-4	3-3	30
16	Dietary glutamate supplementation ameliorates mycotoxin-induced abnormalities in the intestinal structure and expression of amino acid transporters in young pigs. <i>PLoS ONE</i> , 2014 , 9, e112357	3-7	42
15	Dietary arginine supplementation of mice alters the microbial population and activates intestinal innate immunity. <i>Journal of Nutrition</i> , 2014 , 144, 988-95	4-1	142
14	Therapeutic effects of glutamic acid in piglets challenged with deoxynivalenol. <i>PLoS ONE</i> , 2014 , 9, e100591	3-7	47
13	An NMR-based metabolomic approach to investigate the effects of supplementation with glutamic acid in piglets challenged with deoxynivalenol. <i>PLoS ONE</i> , 2014 , 9, e113687	3-7	29
12	Oral administration of MSG increases expression of glutamate receptors and transporters in the gastrointestinal tract of young piglets. <i>Amino Acids</i> , 2013 , 45, 1169-77	3-5	55
11	L-Arginine stimulates the mTOR signaling pathway and protein synthesis in porcine trophectoderm cells. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 1178-83	6-3	114
10	Dynamic changes in blood flow and oxygen consumption in the portal-drained viscera of growing pigs receiving acute administration of (L)-arginine. <i>Amino Acids</i> , 2012 , 43, 2481-9	3-5	28
9	Regulatory roles for L-arginine in reducing white adipose tissue. <i>Frontiers in Bioscience - Landmark</i> , 2012 , 17, 2237-46	2-8	64
8	Leucine nutrition in animals and humans: mTOR signaling and beyond. <i>Amino Acids</i> , 2011 , 41, 1185-93	3-5	167
7	Dietary L-arginine supplementation differentially regulates expression of lipid-metabolic genes in porcine adipose tissue and skeletal muscle. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 441-5	6-3	134
6	L-Arginine stimulates proliferation and prevents endotoxin-induced death of intestinal cells. <i>Amino Acids</i> , 2010 , 38, 1227-35	3-5	165
5	Supplementing L-leucine to a low-protein diet increases tissue protein synthesis in weanling pigs. <i>Amino Acids</i> , 2010 , 39, 1477-86	3-5	147
4	Dietary L-arginine supplementation increases muscle gain and reduces body fat mass in growing-finishing pigs. <i>Amino Acids</i> , 2009 , 37, 169-75	3-5	246
3	Dietary L-arginine supplementation enhances the immune status in early-weaned piglets. <i>Amino Acids</i> , 2009 , 37, 323-31	3-5	129
2	Metabolomic analysis of the response of growing pigs to dietary L-arginine supplementation. <i>Amino Acids</i> , 2009 , 37, 199-208	3-5	133

- 1 Dietary arginine supplementation increases mTOR signaling activity in skeletal muscle of neonatal pigs. *Journal of Nutrition*, **2008**, 138, 867-72 4.1 245