

Yulong Yin

List of Publications by Citations

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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.

406
papers

10,955
citations

51
h-index

87
g-index

422
ext. papers

14,827
ext. citations

4.6
avg, IF

6.7
L-index

#	Paper	IF	Citations
406	Oxidative Stress and Inflammation: What Polyphenols Can Do for Us?. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 7432797	6.7	672
405	Quercetin, Inflammation and Immunity. <i>Nutrients</i> , 2016 , 8, 167	6.7	647
404	Impact of the Gut Microbiota on Intestinal Immunity Mediated by Tryptophan Metabolism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 13	5.9	458
403	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
402	L-Arginine stimulates proliferation and prevents endotoxin-induced death of intestinal cells. <i>Amino Acids</i> , 2010 , 38, 1227-35	3.5	165
401	L-Cysteine metabolism and its nutritional implications. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 134-46	5.9	161
400	Melatonin reprogramming of gut microbiota improves lipid dysmetabolism in high-fat diet-fed mice. <i>Journal of Pineal Research</i> , 2018 , 65, e12524	10.4	161
399	The role of methionine on metabolism, oxidative stress, and diseases. <i>Amino Acids</i> , 2017 , 49, 2091-2098	3.5	158
398	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
397	Myokines and adipokines: Involvement in the crosstalk between skeletal muscle and adipose tissue. <i>Cytokine and Growth Factor Reviews</i> , 2017 , 33, 73-82	17.9	139
396	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
395	Dietary essentiality of "nutritionally non-essential amino acids" for animals and humans. <i>Experimental Biology and Medicine</i> , 2015 , 240, 997-1007	3.7	133
394	The role of leucine and its metabolites in protein and energy metabolism. <i>Amino Acids</i> , 2016 , 48, 41-51	3.5	124
393	Quorum Sensing: A Prospective Therapeutic Target for Bacterial Diseases. <i>BioMed Research International</i> , 2019 , 2019, 2015978	3	122
392	Potential Mechanisms Connecting Purine Metabolism and Cancer Therapy. <i>Frontiers in Immunology</i> , 2018 , 9, 1697	8.4	115
391	Melatonin signaling in T cells: Functions and applications. <i>Journal of Pineal Research</i> , 2017 , 62, e12394	10.4	109
390	Protective effects of N-acetylcysteine on intestinal functions of piglets challenged with lipopolysaccharide. <i>Amino Acids</i> , 2012 , 43, 1233-42	3.5	107

389	Effects of dietary supplementation with glutamate and aspartate on diquat-induced oxidative stress in piglets. <i>PLoS ONE</i> , 2015 , 10, e0122893	3.7	107
388	Serum amino acids profile and the beneficial effects of L-arginine or L-glutamine supplementation in dextran sulfate sodium colitis. <i>PLoS ONE</i> , 2014 , 9, e88335	3.7	104
387	Hydrogen peroxide-induced oxidative stress activates NF- κ B and Nrf2/Keap1 signals and triggers autophagy in piglets. <i>RSC Advances</i> , 2015 , 5, 15479-15486	3.7	97
386	Dietary arginine supplementation during early pregnancy enhances embryonic survival in rats. <i>Journal of Nutrition</i> , 2008 , 138, 1421-5	4.1	95
385	Effects of dietary n-6:n-3 PUFA ratio on fatty acid composition, free amino acid profile and gene expression of transporters in finishing pigs. <i>British Journal of Nutrition</i> , 2015 , 113, 739-48	3.6	87
384	Melatonin alleviates weanling stress in mice: Involvement of intestinal microbiota. <i>Journal of Pineal Research</i> , 2018 , 64, e12448	10.4	85
383	Melatonin in macrophage biology: Current understanding and future perspectives. <i>Journal of Pineal Research</i> , 2019 , 66, e12547	10.4	81
382	Dietary L-glutamine supplementation modulates microbial community and activates innate immunity in the mouse intestine. <i>Amino Acids</i> , 2014 , 46, 2403-13	3.5	80
381	Gut Microbiota and Type 1 Diabetes. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	79
380	The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells. <i>Free Radical Biology and Medicine</i> , 2015 , 85, 219-27	7.8	78
379	353 Starch to fat ratio in piglet nutrition. <i>Journal of Animal Science</i> , 2019 , 97, 124-125	0.7	78
378	92 Postnatal growth retardation impairs intestinal mucosal barrier in piglets. <i>Journal of Animal Science</i> , 2019 , 97, 78-78	0.7	78
377	PSXIII-23 Dietary glutamine, glutamate, and aspartate supplementation improves morphology and intercellular junction of small intestine in piglets. <i>Journal of Animal Science</i> , 2019 , 97, 472-474	0.7	78
376	PSIII-11 Effect of dietary lactic acid bacteria level on reproductive performance and plasma indices in lactating sows. <i>Journal of Animal Science</i> , 2019 , 97, 187-188	0.7	78
375	Resveratrol Attenuates Oxidative Stress-Induced Intestinal Barrier Injury through PI3K/Akt-Mediated Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 7591840	6.7	78
374	n-6:n-3 PUFA ratio is involved in regulating lipid metabolism and inflammation in pigs. <i>British Journal of Nutrition</i> , 2014 , 111, 445-51	3.6	71
373	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
372	Serine alleviates oxidative stress via supporting glutathione synthesis and methionine cycle in mice. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700262	5.9	69

371	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
370	Serine prevented high-fat diet-induced oxidative stress by activating AMPK and epigenetically modulating the expression of glutathione synthesis-related genes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 488-498	6.9	67
369	Chlorogenic acid decreases intestinal permeability and increases expression of intestinal tight junction proteins in weaned rats challenged with LPS. <i>PLoS ONE</i> , 2014 , 9, e97815	3.7	66
368	Effects of β-ketoglutarate on energy status in the intestinal mucosa of weaned piglets chronically challenged with lipopolysaccharide. <i>British Journal of Nutrition</i> , 2011 , 106, 357-63	3.6	65
367	Amino-acid transporters in T-cell activation and differentiation. <i>Cell Death and Disease</i> , 2017 , 8, e2655	9.8	61
366	Effects of dietary L-lysine intake on the intestinal mucosa and expression of CAT genes in weaned piglets. <i>Amino Acids</i> , 2013 , 45, 383-91	3.5	59
365	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
364	Glutamine Metabolism in Macrophages: A Novel Target for Obesity/Type 2 Diabetes. <i>Advances in Nutrition</i> , 2019 , 10, 321-330	10	58
363	Dietary supplementation with L-glutamate and L-aspartate alleviates oxidative stress in weaned piglets challenged with hydrogen peroxide. <i>Amino Acids</i> , 2016 , 48, 53-64	3.5	57
362	Lysine Restriction Affects Feed Intake and Amino Acid Metabolism via Gut Microbiome in Piglets. <i>Cellular Physiology and Biochemistry</i> , 2017 , 44, 1749-1761	3.9	57
361	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
360	Simultaneous detection of aflatoxin B1, ochratoxin A, zearalenone and deoxynivalenol in corn and wheat using surface plasmon resonance. <i>Food Chemistry</i> , 2019 , 300, 125176	8.5	54
359	Chitosan oligosaccharide affects antioxidant defense capacity and placental amino acids transport of sows. <i>BMC Veterinary Research</i> , 2016 , 12, 243	2.7	54
358	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
357	Low-protein diets affect ileal amino acid digestibility and gene expression of digestive enzymes in growing and finishing pigs. <i>Amino Acids</i> , 2016 , 48, 21-30	3.5	51
356	Nutritional Intervention for the Intestinal Development and Health of Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 46	3.1	51
355	Putrescine stimulates the mTOR signaling pathway and protein synthesis in porcine trophectoderm cells. <i>Biology of Reproduction</i> , 2014 , 91, 106	3.9	51
354	Effects of chitosan on intestinal inflammation in weaned pigs challenged by enterotoxigenic <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014 , 9, e104192	3.7	50

353	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
352	Amino Acids As Mediators of Metabolic Cross Talk between Host and Pathogen. <i>Frontiers in Immunology</i> , 2018 , 9, 319	8.4	49
351	Amino acid metabolism in the portal-drained viscera of young pigs: effects of dietary supplementation with chitosan and pea hull. <i>Amino Acids</i> , 2010 , 39, 1581-7	3.5	48
350	Leucine in Obesity: Therapeutic Prospects. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 714-727	13.2	48
349	Taurine is Involved in Energy Metabolism in Muscles, Adipose Tissue, and the Liver. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800536	5.9	48
348	Intestinal Microbiota-Derived GABA Mediates Interleukin-17 Expression during Enterotoxigenic Infection. <i>Frontiers in Immunology</i> , 2016 , 7, 685	8.4	45
347	Effects of Long-Term Protein Restriction on Meat Quality, Muscle Amino Acids, and Amino Acid Transporters in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 9297-9304	5.7	44
346	Room temperature electrocompetent bacterial cells improve DNA transformation and recombineering efficiency. <i>Scientific Reports</i> , 2016 , 6, 24648	4.9	43
345	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
344	Glutamine-Induced Secretion of Intestinal Secretory Immunoglobulin A: A Mechanistic Perspective. <i>Frontiers in Immunology</i> , 2016 , 7, 503	8.4	42
343	Endogenous Synthesis of Amino Acids Limits Growth, Lactation, and Reproduction in Animals. <i>Advances in Nutrition</i> , 2016 , 7, 331-42	10	41
342	Nutritional and regulatory roles of leucine in muscle growth and fat reduction. <i>Frontiers in Bioscience - Landmark</i> , 2015 , 20, 796-813	2.8	41
341	Cecropin A Alleviates Inflammation Through Modulating the Gut Microbiota of C57BL/6 Mice With DSS-Induced IBD. <i>Frontiers in Microbiology</i> , 2019 , 10, 1595	5.7	40
340	Methionine restriction on oxidative stress and immune response in dss-induced colitis mice. <i>Oncotarget</i> , 2017 , 8, 44511-44520	3.3	40
339	Oxidative stress, nutritional antioxidants and beyond. <i>Science China Life Sciences</i> , 2020 , 63, 866-874	8.5	40
338	Effect of High Dietary Tryptophan on Intestinal Morphology and Tight Junction Protein of Weaned Pig. <i>BioMed Research International</i> , 2016 , 2016, 2912418	3	40
337	Aflatoxin B, zearalenone and deoxynivalenol in feed ingredients and complete feed from different Province in China. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 63	6	40
336	Methionine restriction on lipid metabolism and its possible mechanisms. <i>Amino Acids</i> , 2016 , 48, 1533-40	3.5	40

335	Energy metabolism in intestinal epithelial cells during maturation along the crypt-villus axis. <i>Scientific Reports</i> , 2016 , 6, 31917	4.9	39
334	L-Glutamine and L-arginine protect against enterotoxigenic Escherichia coli infection via intestinal innate immunity in mice. <i>Amino Acids</i> , 2017 , 49, 1945-1954	3.5	38
333	Low-molecular-weight fractions of Alcalase hydrolyzed egg ovomucin extract exert anti-inflammatory activity in human dermal fibroblasts through the inhibition of tumor necrosis factor-mediated nuclear factor B pathway. <i>Nutrition Research</i> , 2016 , 36, 648-57	4	38
332	Effects of dietary protein/energy ratio on growth performance, carcass trait, meat quality, and plasma metabolites in pigs of different genotypes. <i>Journal of Animal Science and Biotechnology</i> , 2015 , 6, 36	6	37
331	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
330	Effects of weaning on intestinal crypt epithelial cells in piglets. <i>Scientific Reports</i> , 2016 , 6, 36939	4.9	35
329	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
328	L-arginine improves DNA synthesis in LPS-challenged enterocytes. <i>Frontiers in Bioscience - Landmark</i> , 2015 , 20, 989-1003	2.8	35
327	Dietary L-arginine supplementation protects weanling pigs from deoxynivalenol-induced toxicity. <i>Toxins</i> , 2015 , 7, 1341-54	4.9	35
326	Butyrate in Energy Metabolism: There Is Still More to Learn. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 159-169	8.8	35
325	Roles of amino acids in preventing and treating intestinal diseases: recent studies with pig models. <i>Amino Acids</i> , 2017 , 49, 1277-1291	3.5	34
324	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
323	Impacts of birth weight on plasma, liver and skeletal muscle neutral amino acid profiles and intestinal amino acid transporters in suckling Huanjiang mini-piglets. <i>PLoS ONE</i> , 2012 , 7, e50921	3.7	33
322	Gut microbiota mediates the protective effects of dietary β-hydroxy-β-methylbutyrate (HMB) against obesity induced by high-fat diets. <i>FASEB Journal</i> , 2019 , 33, 10019-10033	0.9	32
321	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
320	Dietary proline supplementation alters colonic luminal microbiota and bacterial metabolite composition between days 45 and 70 of pregnancy in Huanjiang mini-pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018 , 9, 18	6	32
319	Natural Products from Mammalian Gut Microbiota. <i>Trends in Biotechnology</i> , 2019 , 37, 492-504	15.1	32
318	Crosstalk between Tryptophan Metabolism and Cardiovascular Disease, Mechanisms, and Therapeutic Implications. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 1602074	6.7	31

317	Protein restriction and cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018 , 1869, 256-262	11.2	31
316	Impact of Gallic Acid on Gut Health: Focus on the Gut Microbiome, Immune Response, and Mechanisms of Action. <i>Frontiers in Immunology</i> , 2020 , 11, 580208	8.4	31
315	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
314	Enterotoxigenic <i>Escherichia coli</i> infection induces intestinal epithelial cell autophagy. <i>Veterinary Microbiology</i> , 2014 , 171, 160-4	3.3	30
313	Metabolic control of myofibers: promising therapeutic target for obesity and type 2 diabetes. <i>Obesity Reviews</i> , 2017 , 18, 647-659	10.6	29
312	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
311	Macleaya cordata extract alleviated oxidative stress and altered innate immune response in mice challenged with enterotoxigenic <i>Escherichia coli</i> . <i>Science China Life Sciences</i> , 2019 , 62, 1019-1027	8.5	29
310	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
309	Implication of G Protein-Coupled Receptor 43 in Intestinal Inflammation: A Mini-Review. <i>Frontiers in Immunology</i> , 2018 , 9, 1434	8.4	29
308	Polyamines: therapeutic perspectives in oxidative stress and inflammatory diseases. <i>Amino Acids</i> , 2017 , 49, 1457-1468	3.5	29
307	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
306	Health-Promoting Properties of <i>Eucommia ulmoides</i> : A Review. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 5202908	2.3	29
305	Variant innate immune responses of mammary epithelial cells to challenge by <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> and the regulating effect of taurine on these bioprocesses. <i>Free Radical Biology and Medicine</i> , 2016 , 96, 166-80	7.8	29
304	Supplementation of the sow diet with chitosan oligosaccharide during late gestation and lactation affects hepatic gluconeogenesis of suckling piglets. <i>Animal Reproduction Science</i> , 2015 , 159, 109-17	2.1	28
303	Effects of Dietary Serine Supplementation on Intestinal Integrity, Inflammation and Oxidative Status in Early-Weaned Piglets. <i>Cellular Physiology and Biochemistry</i> , 2018 , 48, 993-1002	3.9	28
302	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
301	Effects of Weaning on Intestinal Upper Villus Epithelial Cells of Piglets. <i>PLoS ONE</i> , 2016 , 11, e0150216	3.7	28
300	Effects of Alpha-Ketoglutarate on Glutamine Metabolism in Piglet Enterocytes in Vivo and in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 2668-73	5.7	27

299	Dietary supplementation with polysaccharides from Semen cassiae enhances immunoglobulin production and interleukin gene expression in early-weaned piglets. <i>Journal of the Science of Food and Agriculture</i> , 2007 , 87, 1868-1873	4.3	27
298	Beyond immunity: The Imd pathway as a coordinator of host defense, organismal physiology and behavior. <i>Developmental and Comparative Immunology</i> , 2018 , 83, 51-59	3.2	27
297	Unraveling the association of fecal microbiota and oxidative stress with stillbirth rate of sows. <i>Theriogenology</i> , 2019 , 136, 131-137	2.8	25
296	Metabolic Regulation of Methionine Restriction in Diabetes. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700951	5.9	25
295	Single-Stranded DNA-Binding Protein and Exogenous RecBCD Inhibitors Enhance Phage-Derived Homologous Recombination in Pseudomonas. <i>IScience</i> , 2019 , 14, 1-14	6.1	24
294	Metabolomics study of metabolic variations in enterotoxigenic Escherichia coli-infected piglets. <i>RSC Advances</i> , 2015 , 5, 59550-59555	3.7	24
293	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
292	Effects of dietary ramie powder at various levels on carcass traits and meat quality in finishing pigs. <i>Meat Science</i> , 2018 , 143, 52-59	6.4	24
291	Hyperhomocysteinemia and cardiovascular disease in animal model. <i>Amino Acids</i> , 2018 , 50, 3-9	3.5	24
290	Cecropin A Modulates Tight Junction-Related Protein Expression and Enhances the Barrier Function of Porcine Intestinal Epithelial Cells by Suppressing the MEK/ERK Pathway. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	24
289	Maternal Diet-Induced Obesity Compromises Oxidative Stress Status and Angiogenesis in the Porcine Placenta by Upregulating Nox2 Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 2481592	6.7	24
288	Highly sensitive determination of L-tyrosine in pig serum based on ultrathin CuS nanosheets composite electrode. <i>Biosensors and Bioelectronics</i> , 2019 , 140, 111356	11.8	23
287	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
286	Evaluation of alginate-whey protein microcapsules for intestinal delivery of lipophilic compounds in pigs. <i>Journal of the Science of Food and Agriculture</i> , 2016 , 96, 2674-81	4.3	23
285	What Is the Impact of Diet on Nutritional Diarrhea Associated with Gut Microbiota in Weaning Piglets: A System Review. <i>BioMed Research International</i> , 2019 , 2019, 6916189	3	23
284	Glutamine supplementation improves intestinal cell proliferation and stem cell differentiation in weanling mice. <i>Food and Nutrition Research</i> , 2018 , 62,	3.1	23
283	Effect of dietary soy oil, glucose, and glutamine on growth performance, amino acid profile, blood profile, immunity, and antioxidant capacity in weaned piglets. <i>Science China Life Sciences</i> , 2018 , 61, 1233-1242	8.5	23
282	Effects of dietary nutrient levels on microbial community composition and diversity in the ileal contents of pregnant Huanjiang mini-pigs. <i>PLoS ONE</i> , 2017 , 12, e0172086	3.7	22

281	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
280	Long-Term L-Serine Administration Reduces Food Intake and Improves Oxidative Stress and Sirt1/NFB Signaling in the Hypothalamus of Aging Mice. <i>Frontiers in Endocrinology</i> , 2018 , 9, 476	5.7	22
279	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
278	Alpha-ketoglutarate suppresses the NF-B-mediated inflammatory pathway and enhances the PXR-regulated detoxification pathway. <i>Oncotarget</i> , 2017 , 8, 102974-102988	3.3	22
277	Both dietary supplementation with monosodium L-glutamate and fat modify circulating and tissue amino acid pools in growing pigs, but with little interactive effect. <i>PLoS ONE</i> , 2014 , 9, e84533	3.7	22
276	Proteome analysis for the global proteins in the jejunum tissues of enterotoxigenic Escherichia coli -infected piglets. <i>Scientific Reports</i> , 2016 , 6, 25640	4.9	22
275	Dietary vitamin E affects small intestinal histomorphology, digestive enzyme activity, and the expression of nutrient transporters by inhibiting proliferation of intestinal epithelial cells within jejunum in weaned piglets ¹ . <i>Journal of Animal Science</i> , 2019 , 97, 1212-1221	0.7	22
274	Betaine Inhibits Interleukin-1 β Production and Release: Potential Mechanisms. <i>Frontiers in Immunology</i> , 2018 , 9, 2670	8.4	22
273	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
272	Methionine deficiency reduces autophagy and accelerates death in intestinal epithelial cells infected with enterotoxigenic Escherichia coli. <i>Amino Acids</i> , 2015 , 47, 2199-204	3.5	21
271	Differential Analysis of Gut Microbiota Correlated With Oxidative Stress in Sows With High or Low Litter Performance During Lactation. <i>Frontiers in Microbiology</i> , 2018 , 9, 1665	5.7	21
270	The effect of aspartate supplementation on the microbial composition and innate immunity on mice. <i>Amino Acids</i> , 2017 , 49, 2045-2051	3.5	21
269	Dietary Cell Wall Extract Supplementation Alleviates Oxidative Stress and Modulates Serum Amino Acids Profiles in Weaned Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 3967439	6.7	21
268	Myokine interleukin-15 expression profile is different in suckling and weaning piglets. <i>Animal Nutrition</i> , 2015 , 1, 30-35	4.8	21
267	Chlorogenic acid ameliorates endotoxin-induced liver injury by promoting mitochondrial oxidative phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 469, 1083-9	3.4	21
266	Rapid Communication: The relationship of enterocyte proliferation with intestinal morphology and nutrient digestibility in weaning piglets. <i>Journal of Animal Science</i> , 2019 , 97, 353-358	0.7	21
265	The effects of dietary sulfur amino acids on growth performance, intestinal morphology, enzyme activity, and nutrient transporters in weaning piglets. <i>Journal of Animal Science</i> , 2018 , 96, 1130-1139	0.7	20
264	Glucose and amino acid in enterocyte: absorption, metabolism and maturation. <i>Frontiers in Bioscience - Landmark</i> , 2018 , 23, 1721-1739	2.8	20

263	Effects of L-proline on the Growth Performance, and Blood Parameters in Weaned Lipopolysaccharide (LPS)-challenged Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014 , 27, 1150-6 ^{2.4}	2.4	20
262	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
261	Exploring polyamines: Functions in embryo/fetal development. <i>Animal Nutrition</i> , 2017 , 3, 7-10	4.8	19
260	Effects of Low-Protein Diets Supplemented with Branched-Chain Amino Acid on Lipid Metabolism in White Adipose Tissue of Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 2839-2848	5.7	19
259	Roles of Dietary Amino Acids and Their Metabolites in Pathogenesis of Inflammatory Bowel Disease. <i>Mediators of Inflammation</i> , 2017 , 2017, 6869259	4.3	19
258	Administration of alpha-ketoglutarate improves epithelial restitution under stress injury in early-weaning piglets. <i>Oncotarget</i> , 2017 , 8, 91965-91978	3.3	19
257	l-Glutamine Attenuates Apoptosis Induced by Endoplasmic Reticulum Stress by Activating the IRE1 β XBP1 Axis in IPEC-J2: A Novel Mechanism of l-Glutamine in Promoting Intestinal Health. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
256	Redox Properties of Tryptophan Metabolism and the Concept of Tryptophan Use in Pregnancy. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	19
255	Effect of dietary selenium yeast supplementation on porcine circovirus type 2 (PCV2) infections in mice. <i>PLoS ONE</i> , 2015 , 10, e0115833	3.7	19
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251	Slc6a13 deficiency promotes Th17 responses during intestinal bacterial infection. <i>Mucosal Immunology</i> , 2019 , 12, 531-544	9.2	19
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93	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
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90	Effect of Soyabean Isoflavones Exposure on Onset of Puberty, Serum Hormone Concentration and Gene Expression in Hypothalamus, Pituitary Gland and Ovary of Female Bama Miniature Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015 , 28, 1573-82	2.4	3
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