Yongqing Hou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8515088/publications.pdf

Version: 2024-02-01

113	5,534	57631	91712
papers	citations	44 h-index	69 g-index

114	114	114	5360
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amino Acids in Swine Nutrition and Production. Advances in Experimental Medicine and Biology, 2021, 1285, 81-107.	0.8	29
2	N-Acetylcysteine improves intestinal function and attenuates intestinal autophagy in piglets challenged with Î²-conglycinin. Scientific Reports, 2021, 11, 1261.	1.6	16
3	Puerarin enhances intestinal function in piglets infected with porcine epidemic diarrhea virus. Scientific Reports, 2021, 11, 6552.	1.6	21
4	Dietary Supplementation with Enterococcus faecium R1 Attenuates Intestinal and Liver Injury in Piglets Challenged by Lipopolysaccharide. Animals, 2021, 11, 1424.	1.0	6
5	Protective Effect of Zinc Oxide and Its Association with Neutrophil Degranulation in Piglets Infected with Porcine Epidemic Diarrhea Virus. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	1.9	8
6	Evaluating the Effectiveness of Lactobacillus zeae against Enterotoxigenic Escherichia coli F4 Infection in an In Vitro Porcine Intestinal Epithelial Cell Model. ACS Food Science & Technology, 2021, 1, 215-228.	1.3	2
7	Lactobacillus rhamnosus LB1 Alleviates Enterotoxigenic Escherichia coli-Induced Adverse Effects in Piglets by Improving Host Immune Response and Anti-Oxidation Stress and Restoring Intestinal Integrity. Frontiers in Cellular and Infection Microbiology, 2021, 11, 724401.	1.8	13
8	Monolaurin Confers a Protective Effect Against Porcine Epidemic Diarrhea Virus Infection in Piglets by Regulating the Interferon Pathway. Frontiers in Immunology, 2021, 12, 797476.	2.2	4
9	The effects of baicalin on piglets challenged with Glaesserella parasuis. Veterinary Research, 2020, 51, 102.	1.1	10
10	The effect of baicalin on microRNA expression profiles in porcine aortic vascular endothelial cells infected by Haemophilus parasuis. Molecular and Cellular Biochemistry, 2020, 472, 45-56.	1.4	6
11	Quantitative Proteomic Analysis Reveals Antiviral and Anti-inflammatory Effects of Puerarin in Piglets Infected With Porcine Epidemic Diarrhea Virus. Frontiers in Immunology, 2020, 11, 169.	2.2	28
12	The Effect of Baicalin on the Expression Profiles of Long Non-Coding RNAs and mRNAs in Porcine Aortic Vascular Endothelial Cells Infected withHaemophilus parasuis. DNA and Cell Biology, 2020, 39, 801-815.	0.9	6
13	Partial Substitution of Fermented Soybean Meal for Soybean Meal Influences the Carcass Traits and Meat Quality of Broiler Chickens. Animals, 2020, 10, 225.	1.0	26
14	Impact of N-Acetylcysteine on the Gut Microbiota in the Piglets Infected With Porcine Epidemic Diarrhea Virus. Frontiers in Veterinary Science, 2020, 7, 582338.	0.9	9
15	Amino Acid Metabolism in the Liver: Nutritional and Physiological Significance. Advances in Experimental Medicine and Biology, 2020, 1265, 21-37.	0.8	55
16	Trilactic glyceride regulates lipid metabolism and improves gut function in piglets. Frontiers in Bioscience - Landmark, 2020, 25, 1324-1336.	3.0	5
17	Effects of N-acetylcysteine on the energy status and antioxidant capacity in heart and liver of cold-stressed broilers. Asian-Australasian Journal of Animal Sciences, 2020, 33, 1444-1454.	2.4	11
18	Baicalin modulates apoptosis via RAGE, MAPK, and AP-1 in vascular endothelial cells duringHaemophilus parasuisinvasion. Innate Immunity, 2019, 25, 420-432.	1.1	11

#	Article	IF	Citations
19	Composition of polyamines and amino acids in plant-source foods for human consumption. Amino Acids, 2019, 51, 1153-1165.	1.2	105
20	Effect of Baicalin-Aluminum Complexes on Fecal Microbiome in Piglets. International Journal of Molecular Sciences, 2019, 20, 2390.	1.8	13
21	Effects of Baicalin on piglet monocytes involving PKCâ€“MAPK signaling pathways induced by Haemophilus parasuis. BMC Veterinary Research, 2019, 15, 98.	0.7	17
22	Regulation of protein synthesis in porcine mammary epithelial cells by l-valine. Amino Acids, 2019, 51, 717-726.	1.2	22
23	Dietary fish oil supplementation alters liver gene expressions to protect against LPS-induced liver injury in weanling piglets. Innate Immunity, 2019, 25, 60-72.	1.1	21
24	253 Glutamate and glutamine are the major metabolic fuels in enterocytes of suckling piglets. Journal of Animal Science, 2019, 97, 68-68.	0.2	5
25	Microarray analysis reveals the inhibition of intestinal expression of nutrient transporters in piglets infected with porcine epidemic diarrhea virus. Scientific Reports, 2019, 9, 19798.	1.6	15
26	Metabolism, Nutrition, and Redox Signaling of Hydroxyproline. Antioxidants and Redox Signaling, 2019, 30, 674-682.	2.5	61
27	Flaxseed Oil Attenuates Intestinal Damage and Inflammation by Regulating Necroptosis and TLR4/NOD Signaling Pathways Following Lipopolysaccharide Challenge in a Piglet Model. Molecular Nutrition and Food Research, 2018, 62, e1700814.	1.5	61
28	Dietary modulation of endogenous host defense peptide synthesis as an alternative approach to in-feed antibiotics. Animal Nutrition, 2018, 4, 160-169.	2.1	41
29	Baicalin modulates NF-ÎºB and NLRP3 inflammasome signaling in porcine aortic vascular endothelial cells Infected by Haemophilus parasuis Causing GlÃsserâ€™s disease. Scientific Reports, 2018, 8, 807.	1.6	33
30	Dietary butyrate glycerides modulate intestinal microbiota composition and serum metabolites in broilers. Scientific Reports, 2018, 8, 4940.	1.6	32
31	Analysis of Glutathione in Biological Samples by HPLC Involving Pre-Column Derivatization with o-Phthalaldehyde. Methods in Molecular Biology, 2018, 1694, 105-115.	0.4	12
32	BOARD-INVITED REVIEW: Arginine nutrition and metabolism in growing, gestating, and lactating swine1,2. Journal of Animal Science, 2018, 96, 5035-5051.	0.2	50
33	Dietary Supplementation with Trihexanoin Enhances Intestinal Function of Weaned Piglets. International Journal of Molecular Sciences, 2018, 19, 3277.	1.8	10
34	Glutamate alleviates intestinal injury, maintains mTOR and suppresses TLR4 and NOD signaling pathways in weanling pigs challenged with lipopolysaccharide. Scientific Reports, 2018, 8, 15124.	1.6	29
35	Nutritionally Essential Amino Acids. Advances in Nutrition, 2018, 9, 849-851.	2.9	69
36	Effects of dietary coatedâ€•oleum cinnamomi supplementation on the immunity and intestinal integrity of broiler chickens. Animal Science Journal, 2018, 89, 1581-1590.	0.6	7

#	Article	IF	Citations
37	Dietary supplementation with an amino acid blend enhances intestinal function in piglets. Amino Acids, 2018, 50, 1089-1100.	1.2	44
38	Establishment of a porcine model of indomethacin-induced intestinal injury. Frontiers in Bioscience - Landmark, 2018, 23, 2166-2176.	3.0	6
39	Beneficial Impact and Molecular Mechanism of Bacillus coagulans on Pigletsâ€™ Intestine. International Journal of Molecular Sciences, 2018, 19, 2084.	1.8	29
40	Dietary Supplementation with Oleum Cinnamomi Improves Intestinal Functions in Piglets. International Journal of Molecular Sciences, 2018, 19, 1284.	1.8	10
41	Baicalin Inhibits Haemophilus Parasuis-Induced High-Mobility Group Box 1 Release during Inflammation. International Journal of Molecular Sciences, 2018, 19, 1307.	1.8	12
42	Transcriptional Profiling of Host Cell Responses to Virulent Haemophilus parasuis: New Insights into Pathogenesis. International Journal of Molecular Sciences, 2018, 19, 1320.	1.8	8
43	Injury and mechanism of recombinant <i>E. coli</i> expressing STa on piglets colon. Journal of Veterinary Medical Science, 2018, 80, 205-212.	0.3	11
44	l-Glutamate nutrition and metabolism in swine. Amino Acids, 2018, 50, 1497-1510.	1.2	71
45	Establishment of a recombinant i Escherichia coli i -induced piglet diarrhea model. Frontiers in Bioscience - Landmark, 2018, 23, 1517-1534.	3.0	10
46	Glycine Relieves Intestinal Injury by Maintaining mTOR Signaling and Suppressing AMPK, TLR4, and NOD Signaling in Weaned Piglets after Lipopolysaccharide Challenge. International Journal of Molecular Sciences, 2018, 19, 1980.	1.8	33
47	The effect of dietary asparagine supplementation on energy metabolism in liver of weaning pigs when challenged with lipopolysaccharide. Asian-Australasian Journal of Animal Sciences, 2018, 31, 548-555.	2.4	13
48	Nutritionally Nonessential Amino Acids: A Misnomer in Nutritional Sciences. Advances in Nutrition, 2017, 8, 137-139.	2.9	75
49	N-Acetylcysteine improves intestinal function in lipopolysaccharides-challenged piglets through multiple signaling pathways. Amino Acids, 2017, 49, 1915-1929.	1.2	34
50	Î²-Conglycinin enhances autophagy in porcine enterocytes. Amino Acids, 2017, 49, 203-207.	1.2	7
51	N-Acetylcysteine supplementation alleviates intestinal injury in piglets infected by porcine epidemic diarrhea virus. Amino Acids, 2017, 49, 1931-1943.	1.2	32
52	Roles of amino acids in preventing and treating intestinal diseases: recent studies with pig models. Amino Acids, 2017, 49, 1277-1291.	1.2	54
53	Protein hydrolysates in animal nutrition: Industrial production, bioactive peptides, and functional significance. Journal of Animal Science and Biotechnology, 2017, 8, 24.	2.1	233
54	Asparagine preserves intestinal barrier function from LPS-induced injury and regulates CRF/CRFR signaling pathway. Innate Immunity, 2017, 23, 546-556.	1.1	24

#	Article	IF	Citations
55	Aspartate inhibits LPS-induced MAFbx and MuRF1 expression in skeletal muscle in weaned pigs by regulating Akt, AMPKÎ± and FOXO1. Innate Immunity, 2017, 23, 34-43.	1.1	9
56	Dietary Supplementation with Lactobacillus casei Alleviates Lipopolysaccharide-Induced Liver Injury in a Porcine Model. International Journal of Molecular Sciences, 2017, 18, 2535.	1.8	23
57	Expression of proteins in intestinal middle villus epithelial cells of weanling piglets. Frontiers in Bioscience - Landmark, 2017, 22, 539-557.	3.0	6
58	Mitochondrial pathway is involved in the protective effects of alpha-ketoglutarate on hydrogen peroxide induced damage to intestinal cells. Oncotarget, 2017, 8, 74820-74835.	0.8	20
59	Dietary Î±â€ketoglutarate supplementation improves hepatic and intestinal energy status and antiâ€oxidative capacity of Cherry Valley ducks. Animal Science Journal, 2017, 88, 1753-1762.	0.6	16
60	Glutamate alleviates muscle protein loss by modulating TLR4, NODs, Akt/FOXO and mTOR signaling pathways in LPS-challenged piglets. PLoS ONE, 2017, 12, e0182246.	1.1	13
61	Gene expression profiles in the intestine of lipopolysaccharide-challenged piglets. Frontiers in Bioscience - Landmark, 2016, 21, 487-501.	3.0	22
62	Differential proteome analysis along jejunal crypt-villus axis in piglets. Frontiers in Bioscience - Landmark, 2016, 21, 343-363.	3.0	19
63	Transcriptome Analysis Reveals Regulation of Gene Expression for Lipid Catabolism in Young Broilers by Butyrate Glycerides. PLoS ONE, 2016, 11, e0160751.	1.1	29
64	Dietary Supplementation with Î±-Ketoglutarate Activates mTOR Signaling and Enhances Energy Status in Skeletal Muscle of Lipopolysaccharide-Challenged Piglets. Journal of Nutrition, 2016, 146, 1514-1520.	1.3	30
65	Leucine in Obesity: Therapeutic Prospects. Trends in Pharmacological Sciences, 2016, 37, 714-727.	4.0	64
66	Catabolism and safety of supplemental l-arginine in animals. Amino Acids, 2016, 48, 1541-1552.	1.2	67
67	N -acetylcysteine improves the growth performance and intestinal function in the heat-stressed broilers. Animal Feed Science and Technology, 2016, 220, 83-92.	1.1	59
68	Glycine enhances muscle protein mass associated with maintaining Akt-mTOR-FOXO1 signaling and suppressing TLR4 and NOD2 signaling in piglets challenged with LPS. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R365-R373.	0.9	34
69	Baicalin suppresses NLRP3 inflammasome and nuclear factor-kappa B (NF-ÎºB) signaling during Haemophilus parasuis infection. Veterinary Research, 2016, 47, 80.	1.1	54
70	Alpha-ketoglutarate enhances milk protein synthesis by porcine mammary epithelial cells. Amino Acids, 2016, 48, 2179-2188.	1.2	19
71	Amino acids and mammary gland development: nutritional implications for milk production and neonatal growth. Journal of Animal Science and Biotechnology, 2016, 7, 20.	2.1	134
72	Whole-body synthesis of l-homoarginine in pigs and rats supplemented with l-arginine. Amino Acids, 2016, 48, 993-1001.	1.2	32

#	Article	IF	Citations
73	Endogenous Synthesis of Amino Acids Limits Growth, Lactation, and Reproduction in Animals. Advances in Nutrition, 2016, 7, 331-342.	2.9	64
74	The anti-inflammatory effects of baicalin through suppression of NLRP3 inflammasome pathway in LPS-challenged piglet mononuclear phagocytes. Innate Immunity, 2016, 22, 196-204.	1.1	25
75	Î²-Hydroxy-Î²-methylbutyrate, mitochondrial biogenesis, and skeletal muscle health. Amino Acids, 2016, 48, 653-664.	1.2	50
76	The role of leucine and its metabolites in protein and energy metabolism. Amino Acids, 2016, 48, 41-51.	1.2	209
77	N-acetylcysteine stimulates protein synthesis in enterocytes independently of glutathione synthesis. Amino Acids, 2016, 48, 523-533.	1.2	26
78	<scp>l</scp>â€Cysteine metabolism and its nutritional implications. Molecular Nutrition and Food Research, 2016, 60, 134-146.	1.5	235
79	Asparagine attenuates intestinal injury, improves energy status and inhibits AMP-activated protein kinase signalling pathways in weaned piglets challenged withEscherichia colilipopolysaccharide. British Journal of Nutrition, 2015, 114, 553-565.	1.2	62
80	Asparagine attenuates hepatic injury caused by lipopolysaccharide in weaned piglets associated with modulation of Toll-like receptor 4 and nucleotide-binding oligomerisation domain protein signalling and their negative regulators. British Journal of Nutrition, 2015, 114, 189-201.	1.2	15
81	Autophagy and tight junction proteins in the intestine and intestinal diseases. Animal Nutrition, 2015, 1, 123-127.	2.1	55
82	L-Arginine improves DNA synthesis in LPS-challenged enterocytes. Frontiers in Bioscience - Landmark, 2015, 20, 989-1003.	3.0	38
83	Regulation of the Intestinal Barrier Function by Host Defense Peptides. Frontiers in Veterinary Science, 2015, 2, 57.	0.9	104
84	Beneficial roles of dietary oleum cinnamomi in alleviating intestinal injury. Frontiers in Bioscience - Landmark, 2015, 20, 814-828.	3.0	24
85	Effects of Tributyrin on Intestinal Energy Status, Antioxidative Capacity and Immune Response to Lipopolysaccharide Challenge in Broilers. Asian-Australasian Journal of Animal Sciences, 2015, 28, 1784-1793.	2.4	21
86	N-acetylcysteine and intestinal health a focus on its mechanism of action. Frontiers in Bioscience - Landmark, 2015, 20, 872-891.	3.0	39
87	Dietary essentiality of â€œnutritionally non-essential amino acidsâ€•for animals and humans. Experimental Biology and Medicine, 2015, 240, 997-1007.	1.1	195
88	The anti-inflammatory effects of acetaminophen andN-acetylcysteine through suppression of the NLRP3 inflammasome pathway in LPS-challenged piglet mononuclear phagocytes. Innate Immunity, 2015, 21, 587-597.	1.1	32
89	Rapid publication-ready MS-Word tables for two-way ANOVA. SpringerPlus, 2015, 4, 33.	1.2	60
90	Analysis of l-homoarginine in biological samples by HPLC involving precolumn derivatization with o-phthalaldehyde and N-acetyl-l-cysteine. Amino Acids, 2015, 47, 2005-2014.	1.2	24

#	Article	IF	Citations
91	Dietary supplementation with glutamate precursor Î±-ketoglutarate attenuates lipopolysaccharide-induced liver injury in young pigs. Amino Acids, 2015, 47, 1309-1318.	1.2	52
92	Intimacy and a deadly feud: the interplay of autophagy and apoptosis mediated by amino acids. Amino Acids, 2015, 47, 2089-2099.	1.2	10
93	l-Glutamine enhances enterocyte growth via activation of the mTOR signaling pathway independently of AMPK. Amino Acids, 2015, 47, 65-78.	1.2	57
94	Chlorogenic Acid Decreases Intestinal Permeability and Increases Expression of Intestinal Tight Junction Proteins in Weaned Rats Challenged with LPS. PLoS ONE, 2014, 9, e97815.	1.1	91
95	DietaryN-acetylcysteine supplementation alleviates liver injury in lipopolysaccharide-challenged piglets. British Journal of Nutrition, 2014, 111, 46-54.	1.2	51
96	Dietary supplementation with tributyrin alleviates intestinal injury in piglets challenged with intrarectal administration of acetic acid. British Journal of Nutrition, 2014, 111, 1748-1758.	1.2	62
97	Effects of L-proline on the Growth Performance, and Blood Parameters in Weaned Lipopolysaccharide (LPS)-challenged Pigs. Asian-Australasian Journal of Animal Sciences, 2014, 27, 1150-1156.	2.4	26
98	Dietary supplementation of aspartate enhances intestinal integrity and energy status in weanling piglets after lipopolysaccharide challenge. Journal of Nutritional Biochemistry, 2014, 25, 456-462.	1.9	107
99	Dietary l-glutamine supplementation modulates microbial community and activates innate immunity in the mouse intestine. Amino Acids, 2014, 46, 2403-2413.	1.2	98
100	Aspartate alleviates liver injury and regulates mRNA expressions of TLR4 and NOD signaling-related genes in weaned pigs after lipopolysaccharide challenge. Journal of Nutritional Biochemistry, 2014, 25, 592-599.	1.9	43
101	N-acetylcysteine reduces inflammation in the small intestine by regulating redox, EGF and TLR4 signaling. Amino Acids, 2013, 45, 513-522.	1.2	96
102	Protective effects of N-acetylcysteine on acetic acid-induced colitis in a porcine model. BMC Gastroenterology, 2013, 13, 133.	0.8	48
103	Effects of dietary l-lysine intake on the intestinal mucosa and expression of CAT genes in weaned piglets. Amino Acids, 2013, 45, 383-391.	1.2	71
104	Fish oil attenuates liver injury caused by LPS in weaned pigs associated with inhibition of TLR4 and nucleotide-binding oligomerization domain protein signaling pathways. Innate Immunity, 2013, 19, 504-515.	1.1	48
105	Dietary <scp>L</scp>-arginine supplementation alleviates liver injury caused by Escherichia coli LPS in weaned pigs. Innate Immunity, 2012, 18, 804-814.	1.1	63
106	Fish Oil Enhances Intestinal Integrity and Inhibits TLR4 and NOD2 Signaling Pathways in Weaned Pigs after LPS Challenge3. Journal of Nutrition, 2012, 142, 2017-2024.	1.3	218
107	Protective effects of N-acetylcysteine on intestinal functions of piglets challenged with lipopolysaccharide. Amino Acids, 2012, 43, 1233-1242.	1.2	134
108	Alpha-ketoglutarate inhibits glutamine degradation and enhances protein synthesis in intestinal porcine epithelial cells. Amino Acids, 2012, 42, 2491-2500.	1.2	145

#	Article	IF	Citations
109	Alpha-Ketoglutarate and intestinal function. Frontiers in Bioscience - Landmark, 2011, 16, 1186.	3.0	82
110	Effects of Î±-ketoglutarate on energy status in the intestinal mucosa of weaned piglets chronically challenged with lipopolysaccharide. British Journal of Nutrition, 2011, 106, 357-363.	1.2	79
111	Dietary Î±-ketoglutarate supplementation ameliorates intestinal injury in lipopolysaccharide-challenged piglets. Amino Acids, 2010, 39, 555-564.	1.2	120
112	Catabolism of nutritionally essential amino acids in developing porcine enterocytes. Amino Acids, 2009, 37, 143-152.	1.2	117
113	Dietary arginine supplementation alleviates intestinal mucosal disruption induced by Escherichia coli lipopolysaccharide in weaned pigs. British Journal of Nutrition, 2008, 100, 552-560.	1.2	210