

## List of Publications by Year in descending order

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85  
papers

5,420  
citations

87723

38  
h-index

88477

70  
g-index

85  
all docs

85  
docs citations

85  
times ranked

7285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Butyrate: A Double-Edged Sword for Health?. <i>Advances in Nutrition</i> , 2018, 9, 21-29.	2.9	639
2	Branched Chain Amino Acids: Beyond Nutrition Metabolism. <i>International Journal of Molecular Sciences</i> , 2018, 19, 954.	1.8	413
3	Dietary Sodium Butyrate Decreases Postweaning Diarrhea by Modulating Intestinal Permeability and Changing the Bacterial Communities in Weaned Piglets <sup>1</sup> . <i>Journal of Nutrition</i> , 2015, 145, 2774-2780.	1.3	207
4	Butyrate promotes the recovering of intestinal wound healing through its positive effect on the tight junctions <sup>1</sup> . <i>Journal of Animal Science</i> , 2012, 90, 266-268.	0.2	184
5	Metabolites of Dietary Protein and Peptides by Intestinal Microbes and their Impacts on Gut. <i>Current Protein and Peptide Science</i> , 2015, 16, 646-654.	0.7	178
6	Contributions of the Interaction Between Dietary Protein and Gut Microbiota to Intestinal Health. <i>Current Protein and Peptide Science</i> , 2017, 18, 795-808.	0.7	175
7	Oral Administration of <i>Lactobacillus fermentum</i> I5007 Favors Intestinal Development and Alters the Intestinal Microbiota in Formula-Fed Piglets. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 860-866.	2.4	167
8	Dietary Amino Acids and the Gut-Microbiome-Immune Axis: Physiological Metabolism and Therapeutic Prospects. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 221-242.	5.9	166
9	PDCD10 Interacts with Ste20-related Kinase MST4 to Promote Cell Growth and Transformation via Modulation of the ERK Pathway. <i>Molecular Biology of the Cell</i> , 2007, 18, 1965-1978.	0.9	145
10	Tryptophan (Trp) modulates gut homeostasis via aryl hydrocarbon receptor (AhR). <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 1760-1768.	5.4	127
11	Interaction between Microbes and Host Intestinal Health: Modulation by Dietary Nutrients and Gut-Brain-Endocrine-Immune Axis. <i>Current Protein and Peptide Science</i> , 2015, 16, 592-603.	0.7	116
12	Supplementation with branched-chain amino acids to a low-protein diet regulates intestinal expression of amino acid and peptide transporters in weanling pigs. <i>Amino Acids</i> , 2013, 45, 1191-1205.	1.2	114
13	Dietary grape seed proanthocyanidins (GSPs) improve weaned intestinal microbiota and mucosal barrier using a piglet model. <i>Oncotarget</i> , 2016, 7, 80313-80326.	0.8	108
14	Induction of Porcine Host Defense Peptide Gene Expression by Short-Chain Fatty Acids and Their Analogs. <i>PLoS ONE</i> , 2013, 8, e72922.	1.1	106
15	Dietary Grape-Seed Procyanidins Decreased Postweaning Diarrhea by Modulating Intestinal Permeability and Suppressing Oxidative Stress in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 6227-6232.	2.4	105
16	Melatonin mediates mucosal immune cells, microbial metabolism, and rhythm crosstalk: A therapeutic target to reduce intestinal inflammation. <i>Medicinal Research Reviews</i> , 2020, 40, 606-632.	5.0	100
17	Dietary fiber-derived short-chain fatty acids: A potential therapeutic target to alleviate obesity-related nonalcoholic fatty liver disease. <i>Obesity Reviews</i> , 2021, 22, e13316.	3.1	97
18	COL6A1 Polymorphisms Associated With Ossification of the Ligamentum Flavum and Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2007, 32, 2834-2838.	1.0	92

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19	Development of monoclonal antibodies and a competitive ELISA detection method for glycinin, an allergen in soybean. <i>Food Chemistry</i> , 2010, 121, 546-551.	4.2	87
20	Dietary ZnO nanoparticles alters intestinal microbiota and inflammation response in weaned piglets. <i>Oncotarget</i> , 2017, 8, 64878-64891.	0.8	83
21	L-Arginine Modulates Glucose and Lipid Metabolism in Obesity and Diabetes. <i>Current Protein and Peptide Science</i> , 2017, 18, 599-608.	0.7	79
22	Grape Seed Proanthocyanidin Affects Lipid Metabolism via Changing Gut Microflora and Enhancing Propionate Production in Weaned Pigs. <i>Journal of Nutrition</i> , 2019, 149, 1523-1532.	1.3	75
23	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. <i>Autophagy</i> , 2017, 13, 592-607.	4.3	71
24	Metabolites of microbiota response to tryptophan and intestinal mucosal immunity: A therapeutic target to control intestinal inflammation. <i>Medicinal Research Reviews</i> , 2021, 41, 1061-1088.	5.0	68
25	Host-microbiome interactions: the aryl hydrocarbon receptor as a critical node in tryptophan metabolites to brain signaling. <i>Gut Microbes</i> , 2020, 11, 1203-1219.	4.3	61
26	Dietary nutrients shape gut microbes and intestinal mucosa via epigenetic modifications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 783-797.	5.4	59
27	Dietary Fiber Gap and Host Gut Microbiota. <i>Protein and Peptide Letters</i> , 2017, 24, 388-396.	0.4	59
28	Effects of soybean glycinin on performance and immune function in early weaned pigs. <i>Archives of Animal Nutrition</i> , 2008, 62, 313-321.	0.9	58
29	A novel stealth liposomal topotecan with amlodipine: Apoptotic effect is associated with deletion of intracellular Ca <sup>2+</sup> by amlodipine thus leading to an enhanced antitumor activity in leukemia. <i>Journal of Controlled Release</i> , 2006, 112, 186-198.	4.8	56
30	Physiological Functions of Threonine in Animals: Beyond Nutrition Metabolism. <i>Nutrients</i> , 2021, 13, 2592.	1.7	54
31	Lipoic Acid: An Immunomodulator That Attenuates Glycinin-Induced Anaphylactic Reactions in a Rat Model. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 5086-5092.	2.4	53
32	Screening and determination of melamine residues in tissue and body fluid samples. <i>Analytica Chimica Acta</i> , 2010, 662, 69-75.	2.6	51
33	Soybean Antigen Proteins and their Intestinal Sensitization Activities. <i>Current Protein and Peptide Science</i> , 2015, 16, 613-621.	0.7	51
34	Abnormal expression of the programmed cell death 5 gene in acute and chronic myeloid leukemia. <i>Leukemia Research</i> , 2006, 30, 1159-1165.	0.4	50
35	L-Arginine promotes protein synthesis and cell growth in brown adipocyte precursor cells via the mTOR signal pathway. <i>Amino Acids</i> , 2017, 49, 957-964.	1.2	50
36	Dietary Nutrients Mediate Intestinal Host Defense Peptide Expression. <i>Advances in Nutrition</i> , 2020, 11, 92-102.	2.9	49

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37	Leucine stimulates ASCT2 amino acid transporter expression in porcine jejunal epithelial cell line (IPEC-J2) through PI3K/Akt/mTOR and ERK signaling pathways. <i>Amino Acids</i> , 2014, 46, 2633-2642.	1.2	47
38	Dimethyl fumarate reduces the risk of mycotoxins via improving intestinal barrier and microbiota. <i>Oncotarget</i> , 2017, 8, 44625-44638.	0.8	46
39	Determination of beta-conglycinin in soybean and soybean products using a sandwich enzyme-linked immunosorbent assay. <i>Analytica Chimica Acta</i> , 2012, 734, 62-68.	2.6	45
40	Determination of glycinin in soybean and soybean products using a sandwich enzyme-linked immunosorbent assay. <i>Food Chemistry</i> , 2014, 162, 27-33.	4.2	42
41	Enterotoxigenic <i>Escherichia coli</i> : intestinal pathogenesis mechanisms and colonization resistance by gut microbiota. <i>Gut Microbes</i> , 2022, 14, 2055943.	4.3	39
42	Pregnane X Receptor as the "Sensor and Effector" in Regulating Epigenome. <i>Journal of Cellular Physiology</i> , 2015, 230, 752-757.	2.0	37
43	Roles of Biogenic Amines in Intestinal Signaling. <i>Current Protein and Peptide Science</i> , 2017, 18, 532-540.	0.7	34
44	Two Single-Nucleotide Polymorphisms with Linkage Disequilibrium in the Human Programmed Cell Death 5 Gene 5' Regulatory Region Affect Promoter Activity and the Susceptibility of Chronic Myelogenous Leukemia in Chinese Population. <i>Clinical Cancer Research</i> , 2005, 11, 8592-8599.	3.2	32
45	Effects of particle size and drying methods of corn on growth performance, digestibility and haematological and immunological characteristics of weaned piglets. <i>Archives of Animal Nutrition</i> , 2015, 69, 30-45.	0.9	31
46	The Signal Pathway of Antibiotic Alternatives on Intestinal Microbiota and Immune Function. <i>Current Protein and Peptide Science</i> , 2016, 17, 785-796.	0.7	31
47	PDCD10 interacts with STK25 to accelerate cell apoptosis under oxidative stress. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 2295.	3.0	30
48	Maintenance of Gastrointestinal Glucose Homeostasis by the Gut-Brain Axis. <i>Current Protein and Peptide Science</i> , 2017, 18, 541-547.	0.7	29
49	CREBL2, interacting with CREB, induces adipogenesis in 3T3-L1 adipocytes. <i>Biochemical Journal</i> , 2011, 439, 27-38.	1.7	28
50	Supplemental lipoic acid relieves post-weaning diarrhoea by decreasing intestinal permeability in rats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 136-146.	1.0	28
51	Designing Self-Assembling Chimeric Peptide Nanoparticles with High Stability for Combating Piglet Bacterial Infections. <i>Advanced Science</i> , 2022, 9, e2105955.	5.6	28
52	CCDC134, a novel secretory protein, inhibits activation of ERK and JNK, but not p38 MAPK. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 338-349.	2.4	25
53	Complete genome sequence of <i>Lactobacillus reuteri</i> I5007, a probiotic strain isolated from healthy piglet. <i>Journal of Biotechnology</i> , 2014, 179, 63-64.	1.9	25
54	Fat deposition deficiency is critical for the high mortality of pre-weanling newborn piglets. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 66.	2.1	25

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55	The effects of lipoic acid on soybean $\beta$ -conglycinin-induced anaphylactic reactions in a rat model. <i>Archives of Animal Nutrition</i> , 2010, 64, 254-264.	0.9	24
56	Dietary N-Carbamylglutamate Supplementation Boosts Intestinal Mucosal Immunity in Escherichia coli Challenged Piglets. <i>PLoS ONE</i> , 2013, 8, e66280.	1.1	24
57	Effects of Medium Chain Fatty Acids on Intestinal Health of Monogastric Animals. <i>Current Protein and Peptide Science</i> , 2020, 21, 777-784.	0.7	24
58	Cell-Based Screening and Validation of Human Novel Genes Associated with Cell Viability. <i>Journal of Biomolecular Screening</i> , 2006, 11, 369-376.	2.6	23
59	SiRNA against Fabp5 induces 3T3-L1 cells apoptosis during adipocytic induction. <i>Molecular Biology Reports</i> , 2010, 37, 4003-4011.	1.0	23
60	NSA2, a novel nucleolus protein regulates cell proliferation and cell cycle. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 651-658.	1.0	23
61	Development of Immunoaffinity Chromatographic Method for Isolating Glycinin (11S) from Soybean Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4406-4410.	2.4	23
62	LOC66273 Isoform 2, a Novel Protein Highly Expressed in White Adipose Tissue, Induces Adipogenesis in 3T3-L1 Cells. <i>Journal of Nutrition</i> , 2012, 142, 448-455.	1.3	22
63	The Bacteriocin Sublancin Attenuates Intestinal Injury in Young Mice Infected With <i>Staphylococcus aureus</i> . <i>Anatomical Record</i> , 2014, 297, 1454-1461.	0.8	21
64	Triggers for the Nrf2/ARE Signaling Pathway and Its Nutritional Regulation: Potential Therapeutic Applications of Ulcerative Colitis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11411.	1.8	21
65	Vitamin C: An immunomodulator that attenuates anaphylactic reactions to soybean glycinin hypersensitivity in a swine model. <i>Food Chemistry</i> , 2009, 113, 914-918.	4.2	20
66	Progress towards pig nutrition in the last 27 years. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5102-5110.	1.7	20
67	Discovery of Novel Genes Mediating Glucose and Lipid Metabolisms. <i>Current Protein and Peptide Science</i> , 2017, 18, 609-618.	0.7	20
68	Long noncoding RNA Malat1 is not essential for T cell development and response to LCMV infection. <i>RNA Biology</i> , 2018, 15, 1477-1486.	1.5	18
69	Gut microbiota and its metabolites: Bridge of dietary nutrients and obesity-related diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3236-3253.	5.4	18
70	Identification of five human novel genes associated with cell proliferation by cell-based screening from an expressed cDNA ORF library. <i>Life Sciences</i> , 2007, 81, 1141-1151.	2.0	17
71	Effects of magnesium on the performance of sows and their piglets. <i>Journal of Animal Science and Biotechnology</i> , 2014, 5, 39.	2.1	16
72	Activation of p38/MEF2C pathway by all-trans retinoic acid in cardiac myoblasts. <i>Life Sciences</i> , 2007, 81, 89-96.	2.0	15

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73	Limosilactobacillus reuteri SLZX19-12 Protects the Colon from Infection by Enhancing Stability of the Gut Microbiota and Barrier Integrity and Reducing Inflammation. Microbiology Spectrum, 2022, 10, .	1.2	13
74	All-trans retinoic acid regulates c-jun expression via ERK5 in cardiac myoblasts. Journal of Nutritional Biochemistry, 2007, 18, 832-838.	1.9	12
75	Gama-aminobutyric acid (GABA) alleviates hepatic inflammation via GABA receptors/TLR4/NF- $\kappa$ B pathways in growing-finishing pigs generated by super-multiparous sows. Animal Nutrition, 2022, 9, 280-290.	2.1	10
76	Sodium caprylate improves intestinal mucosal barrier function and antioxidant capacity by altering gut microbial metabolism. Food and Function, 2021, 12, 9750-9762.	2.1	9
77	Effects of L-lysine-H <sub>2</sub> SO <sub>4</sub> product on the intestinal morphology and liver pathology using broiler model. Journal of Animal Science and Biotechnology, 2019, 10, 10.	2.1	8
78	Sodium Decanoate Improves Intestinal Epithelial Barrier and Antioxidation via Activating G Protein-Coupled Receptor-43. Nutrients, 2021, 13, 2756.	1.7	8
79	Impacts of Fructose on Intestinal Barrier Function, Inflammation and Microbiota in a Piglet Model. Nutrients, 2021, 13, 3515.	1.7	8
80	Effect of a functional recombinant cytochrome P450 enzyme of Helicoverpa armigera on gossypol metabolism co-expressed with NADPH-cytochrome P450 reductase in Pichia pastoris. Pesticide Biochemistry and Physiology, 2019, 155, 15-25.	1.6	7
81	Functional Amino Acids and Autophagy: Diverse Signal Transduction and Application. International Journal of Molecular Sciences, 2021, 22, 11427.	1.8	6
82	Dietary nutrition regulates intestinal stem cell homeostasis. Critical Reviews in Food Science and Nutrition, 2023, 63, 11263-11274.	5.4	5
83	Sensation of dietary nutrients by gut taste receptors and its mechanisms. Critical Reviews in Food Science and Nutrition, 2023, 63, 5594-5607.	5.4	4
84	Dietary nutrients mediate crosstalk between bile acids and gut microbes in animal host metabolism. Critical Reviews in Food Science and Nutrition, 2023, 63, 9315-9329.	5.4	3
85	Cover Image, Volume 40, Issue 2. Medicinal Research Reviews, 2020, 40, i.	5.0	0