

Chunlong Mu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2110171/publications.pdf>

Version: 2024-02-01

59
papers

2,178
citations

218677

26
h-index

233421

45
g-index

60
all docs

60
docs citations

60
times ranked

2355
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiomes in the Intestine of Developing Pigs: Implications for Nutrition and Health. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1354, 161-176.	1.6	4
2	Seizure modulation by the gut microbiota and tryptophan-kynurenine metabolism in an animal model of infantile spasms. <i>EBioMedicine</i> , 2022, 76, 103833.	6.1	25
3	Probiotics counteract hepatic steatosis caused by ketogenic diet and upregulate AMPK signaling in a model of infantile epilepsy. <i>EBioMedicine</i> , 2022, 76, 103838.	6.1	16
4	Effect of supplementation with select human milk oligosaccharides on artificially reared newborn rats. <i>British Journal of Nutrition</i> , 2022, 128, 1906-1916.	2.3	1
5	â¼”ÿç%©ç¾ç³»äŽš“ç%©æŕâ€—é“è¥š...». <i>Scientia Sinica Vitae</i> , 2022, , .	0.3	0
6	The Ketogenic Diet and the Gut Microbiome. , 2022, , 245-256.		0
7	Impact of experimental colitis on mitochondrial bioenergetics in intestinal epithelial cells. <i>Scientific Reports</i> , 2022, 12, 7453.	3.3	2
8	Gut-based manipulations spur hippocampal mitochondrial bioenergetics in a model of pediatric epilepsy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166446.	3.8	6
9	Addition of Prebiotics to the Ketogenic Diet Improves Metabolic Profile but Does Not Affect Seizures in a Rodent Model of Infantile Spasms Syndrome. <i>Nutrients</i> , 2022, 14, 2210.	4.1	1
10	Targeted gut microbiota manipulation attenuates seizures in a model of infantile spasms syndrome. <i>JCI Insight</i> , 2022, 7, .	5.0	11
11	Selective Probiotic Treatment Positively Modulates the Microbiotaâ€“Gutâ€“Brain Axis in the BTBR Mouse Model of Autism. <i>Brain Sciences</i> , 2022, 12, 781.	2.3	10
12	The link between brain acidosis, breathing and seizures: a novel mechanism of action for the ketogenic diet in a model of infantile spasms. <i>Brain Communications</i> , 2021, 3, fcab189.	3.3	14
13	Low crude protein diets supplemented with casein hydrolysate enhance the intestinal barrier function and decrease the pro-inflammatory cytokine expression in the small intestine of pigs. <i>Animal Nutrition</i> , 2021, 7, 770-778.	5.1	6
14	Metabolic Framework for the Improvement of Autism Spectrum Disorders by a Modified Ketogenic Diet: A Pilot Study. <i>Journal of Proteome Research</i> , 2020, 19, 382-390.	3.7	23
15	Longâ€“term effect of early antibiotic exposure on amino acid profiles and gene expression of transporters and receptors in the small intestinal mucosa of growing pigs with different dietary protein levels. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 235-244.	3.5	3
16	Tryptophan Metabolism: A Link Between the Gut Microbiota and Brain. <i>Advances in Nutrition</i> , 2020, 11, 709-723.	6.4	319
17	Stimulation of Gastric Transit Function Driven by Hydrolyzed Casein Increases Small Intestinal Carbohydrate Availability and Its Microbial Metabolism. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000250.	3.3	11
18	Metabolic and Gut Microbiota Responses to Sourdough Pasta Consumption in Overweight and Obese Adults. <i>Frontiers in Nutrition</i> , 2020, 7, 615003.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Back Cover: Stimulation of Gastric Transit Function Driven by Hydrolyzed Casein Increases Small Intestinal Carbohydrate Availability and Its Microbial Metabolism. <i>Molecular Nutrition and Food Research</i> , 2020, 64, 2070048.	3.3	0
20	Increasing the Hindgut Carbohydrate/Protein Ratio by Cecal Infusion of Corn Starch or Casein Hydrolysate Drives Gut Microbiota-Related Bile Acid Metabolism To Stimulate Colonic Barrier Function. <i>MSystems</i> , 2020, 5, .	3.8	27
21	Changes in the Solid-, Liquid-, and Epithelium-Associated Bacterial Communities in the Rumen of Hu Lambs in Response to Dietary Urea Supplementation. <i>Frontiers in Microbiology</i> , 2020, 11, 244.	3.5	35
22	Antibiotic effects on gut microbiota, metabolism, and beyond. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 9277-9285.	3.6	50
23	Distinct Gut Microbiota and Serum Metabolites in Response to Weight Loss Induced by Either Dairy or Exercise in a Rodent Model of Obesity. <i>Journal of Proteome Research</i> , 2019, 18, 3867-3875.	3.7	12
24	Diversity and community pattern of sulfate-reducing bacteria in piglet gut. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 40.	5.3	28
25	Increasing carbohydrate availability in the hindgut promotes hypothalamic neurotransmitter synthesis: aromatic amino acids linking the microbiota-brain axis. <i>Journal of Neurochemistry</i> , 2019, 149, 641-659.	3.9	58
26	Differential Effects of Breed and Nursing on Early-Life Colonic Microbiota and Immune Status as Revealed in a Cross-Fostering Piglet Model. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	16
27	New Insights into Porcine Milk N-Glycome and the Potential Relation with Offspring Gut Microbiome. <i>Journal of Proteome Research</i> , 2019, 18, 1114-1124.	3.7	17
28	Time-course responses of ileal and fecal microbiota and metabolite profiles to antibiotics in cannulated pigs. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2289-2299.	3.6	52
29	Antibiotics-induced modulation of large intestinal microbiota altered aromatic amino acid profile and expression of neurotransmitters in the hypothalamus of piglets. <i>Journal of Neurochemistry</i> , 2018, 146, 219-234.	3.9	71
30	Marked Response in Microbial Community and Metabolism in the Ileum and Cecum of Suckling Piglets After Early Antibiotics Exposure. <i>Frontiers in Microbiology</i> , 2018, 9, 1166.	3.5	67
31	Characteristics of gut microbiota and its response to a Chinese Herbal Formula in elder patients with metabolic syndrome. <i>Drug Discoveries and Therapeutics</i> , 2018, 12, 161-169.	1.5	27
32	Ileum terminal antibiotic infusion affects jejunal and colonic specific microbial population and immune status in growing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 51.	5.3	24
33	Alteration of metabolomic markers of amino-acid metabolism in piglets with in-feed antibiotics. <i>Amino Acids</i> , 2017, 49, 771-781.	2.7	46
34	Dietary fibres modulate the composition and activity of butyrate-producing bacteria in the large intestine of suckling piglets. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 687-696.	1.7	43
35	Progressive response of large intestinal bacterial community and fermentation to the stepwise decrease of dietary crude protein level in growing pigs. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5415-5426.	3.6	31
36	Increases in circulating amino acids with in-feed antibiotics correlated with gene expression of intestinal amino acid transporters in piglets. <i>Amino Acids</i> , 2017, 49, 1587-1599.	2.7	44

#	ARTICLE	IF	CITATIONS
37	Temporal microbiota changes of high-protein diet intake in a rat model. <i>Anaerobe</i> , 2017, 47, 218-225.	2.1	48
38	Differential effect of early antibiotic intervention on bacterial fermentation patterns and mucosal gene expression in the colon of pigs under diets with different protein levels. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2493-2505.	3.6	50
39	Segment-specific responses of intestinal epithelium transcriptome to in-feed antibiotics in pigs. <i>Physiological Genomics</i> , 2017, 49, 582-591.	2.3	15
40	An increase in corn resistant starch decreases protein fermentation and modulates gut microbiota during in vitro cultivation of pig large intestinal inocula. <i>Animal Nutrition</i> , 2017, 3, 219-224.	5.1	33
41	Indigenously associated methanogens intensified the metabolism in hydrogenosomes of anaerobic fungi with xylose as substrate. <i>Journal of Basic Microbiology</i> , 2017, 57, 933-940.	3.3	37
42	Long-term effects of early antibiotic intervention on blood parameters, apparent nutrient digestibility, and fecal microbial fermentation profile in pigs with different dietary protein levels. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 60.	5.3	55
43	Differences in Microbiota Membership along the Gastrointestinal Tract of Piglets and Their Differential Alterations Following an Early-Life Antibiotic Intervention. <i>Frontiers in Microbiology</i> , 2017, 8, 797.	3.5	103
44	Glutamine and Intestinal Physiology and Pathology. , 2017, , 135-148.		0
45	Gut Microbiota: The Brain Peacekeeper. <i>Frontiers in Microbiology</i> , 2016, 7, 345.	3.5	140
46	Effect of early antibiotic administration on cecal bacterial communities and their metabolic profiles in pigs fed diets with different protein levels. <i>Anaerobe</i> , 2016, 42, 188-196.	2.1	39
47	Effects of dietary fibre source on microbiota composition in the large intestine of suckling piglets. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw138.	1.8	55
48	Age, introduction of solid feed and weaning are more important determinants of gut bacterial succession in piglets than breed and nursing mother as revealed by a reciprocal cross-fostering model. <i>Environmental Microbiology</i> , 2016, 18, 1566-1577.	3.8	191
49	The Colonic Microbiome and Epithelial Transcriptome Are Altered in Rats Fed a High-Protein Diet Compared with a Normal-Protein Diet. <i>Journal of Nutrition</i> , 2016, 146, 474-483.	2.9	121
50	Bromochloromethane, a Methane Analogue, Affects the Microbiota and Metabolic Profiles of the Rat Gastrointestinal Tract. <i>Applied and Environmental Microbiology</i> , 2016, 82, 778-787.	3.1	21
51	Comparisons of blood biochemical parameters, digestive enzyme activities and volatile fatty acid profile between Meishan and Yorkshire piglets. <i>Animal Nutrition</i> , 2015, 1, 289-292.	5.1	2
52	The effect of increased atmospheric temperature and CO ₂ concentration during crop growth on the chemical composition and in vitro rumen fermentation characteristics of wheat straw. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 46.	5.3	3
53	Metabolomic analysis reveals distinct profiles in the plasma and urine of rats fed a high-protein diet. <i>Amino Acids</i> , 2015, 47, 1225-1238.	2.7	26
54	Crosstalk Between The Immune Receptors and Gut Microbiota. <i>Current Protein and Peptide Science</i> , 2015, 16, 622-631.	1.4	43

#	ARTICLE	IF	CITATIONS
55	Determination of Biogenic Amines in Digesta by High Performance Liquid Chromatography with Precolumn Dansylation. <i>Analytical Letters</i> , 2014, 47, 1290-1298.	1.8	35
56	Molecular evolution of porcine reproductive and respiratory syndrome virus isolates from central China. <i>Research in Veterinary Science</i> , 2013, 95, 908-912.	1.9	8
57	Genetic variation and phylogenetic analysis of porcine circovirus type 2 infections in central China. <i>Virus Genes</i> , 2012, 45, 463-473.	1.6	17
58	Ligation of Fc gamma receptor IIb enhances levels of antiviral cytokine in response to PRRSV infection in vitro. <i>Veterinary Microbiology</i> , 2012, 160, 473-480.	1.9	23
59	Porcine Fc gamma RIib sub-isoforms are generated by alternative splicing. <i>Veterinary Immunology and Immunopathology</i> , 2012, 145, 386-394.	1.2	8