

Ming Z Fan

List of Publications by Year in descending order

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32
papers

1,573
citations

331670

21
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic Discovery and Characterization of Multi-Functional and Monomodular Processive Endoglucanases as Biocatalysts. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5150.	2.5	5
2	A processive endoglucanase with multi-substrate specificity is characterized from porcine gut microbiota. <i>Scientific Reports</i> , 2019, 9, 13630.	3.3	20
3	Expression of apical Na ⁺ -l-glutamine co-transport activity, B0-system neutral amino acid co-transporter (BOAT1) and angiotensin-converting enzyme 2 along the jejunal crypt-villus axis in young pigs fed a liquid formula. <i>Amino Acids</i> , 2016, 48, 1491-1508.	2.7	9
4	Novel and disruptive biological strategies for resolving gut health challenges in monogastric food animal production. <i>Animal Nutrition</i> , 2015, 1, 138-143.	5.1	8
5	Apical Na ⁺ -glucose cotransporter 1 (SGLT1) activity and protein abundance are expressed along the jejunal crypt-villus axis in the neonatal pig. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G60-G70.	3.4	28
6	Early Weaning Reduces Small Intestinal Alkaline Phosphatase Expression in Pigs. <i>Journal of Nutrition</i> , 2010, 140, 461-468.	2.9	89
7	Egg Yolk Peptides Up-regulate Glutathione Synthesis and Antioxidant Enzyme Activities in a Porcine Model of Intestinal Oxidative Stress. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7624-7633.	5.2	61
8	Resistance patterns and detection of aac(3)-IV gene in apramycin-resistant <i>Escherichia coli</i> isolated from farm animals and farm workers in northeastern of China. <i>Research in Veterinary Science</i> , 2009, 87, 449-454.	1.9	40
9	Chemical Structures of Manure from Conventional and Phytase Transgenic Pigs Investigated by Advanced Solid-State NMR Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2131-2138.	5.2	13
10	Nutrient utilisation and intestinal fermentation are differentially affected by the consumption of resistant starch varieties and conventional fibres in pigs. <i>British Journal of Nutrition</i> , 2008, 99, 984-992.	2.3	43
11	Guar gum and similar soluble fibers in the regulation of cholesterol metabolism: Current understandings and future research priorities. <i>Vascular Health and Risk Management</i> , 2008, Volume 4, 1023-1033.	2.3	99
12	Fractional Protein Synthesis Rates Are Similar When Measured by Intraperitoneal or Intravenous Flooding Doses of L-[ring-2H5]Phenylalanine in Combination with a Rapid Regimen of Sampling in Piglets. <i>Journal of Nutrition</i> , 2008, 138, 1976-1981.	2.9	15
13	Guar Gum Consumption Increases Hepatic Nuclear SREBP2 and LDL Receptor Expression in Pigs Fed an Atherogenic Diet. <i>Journal of Nutrition</i> , 2007, 137, 568-572.	2.9	32
14	Oligophosphopeptides Derived from Egg Yolk Phosvitin Up-regulate \hat{I}^3 -Glutamylcysteine Synthetase and Antioxidant Enzymes against Oxidative Stress in Caco-2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2829-2835.	5.2	64
15	Transgene and mitochondrial DNA are indicators of efficient composting of transgenic pig carcasses. <i>Bioresource Technology</i> , 2007, 98, 1795-1804.	9.6	8
16	Antioxidative Stress Activity of Oligophosphopeptides Derived from Hen Egg Yolk Phosvitin in Caco-2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 773-778.	5.2	91
17	Genetic Opportunities tyo Enhance Sustainability of Pork Production in Developing Countries: A Model for Food Animals. , 2005, , 429-446.		4
18	Effects of dietary supplementation of cysteamine on growth performance, carcass quality, serum hormones and gastric ulcer in finishing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2005, 85, 1947-1952.	3.5	34

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19	Methodological Aspects of Measuring Phytase Activity and Phytate Phosphorus Content in Selected Cereal Grains and Digesta and Feces of Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 853-859.	5.2	23
20	Fractional Protein Synthesis Rates Measured by an Intraperitoneal Injection of a Flooding Dose of L-[ring-2H5]Phenylalanine in Pigs. <i>Journal of Nutrition</i> , 2004, 134, 2722-2728.	2.9	33
21	Expression of apical membranel-glutamate transporters in neonatal porcine epithelial cells along the small intestinal crypt-villus axis. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, G385-G398.	3.4	66
22	Nutrient utilisation in response to dietary supplementation of chicory inulin in growing pigs. <i>Journal of the Science of Food and Agriculture</i> , 2004, 84, 1005-1012.	3.5	16
23	Use of the Regression Analysis Technique to Determine the True Phosphorus Digestibility and the Endogenous Phosphorus Output Associated with Corn in Growing Pigs. <i>Journal of Nutrition</i> , 2002, 132, 1199-1206.	2.9	52
24	Postnatal ontogeny of kinetics of porcine jejunal brush border membrane-bound alkaline phosphatase, aminopeptidase N and sucrase activities. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002, 132, 599-607.	1.8	29
25	Novel Methodology Allows Simultaneous Measurement of True Phosphorus Digestibility and the Gastrointestinal Endogenous Phosphorus Outputs in Studies with Pigs. <i>Journal of Nutrition</i> , 2001, 131, 2388-2396.	2.9	103
26	Oral IGF-I Alters the Posttranslational Processing but Not the Activity of Lactase-Phlorizin Hydrolase in Formula-Fed Neonatal Pigs. <i>Journal of Nutrition</i> , 2001, 131, 2235-2241.	2.9	20
27	Pigs expressing salivary phytase produce low-phosphorus manure. <i>Nature Biotechnology</i> , 2001, 19, 741-745.	17.5	340
28	Dietary Plasma Protein Reduces Small Intestinal Growth and Lamina Propria Cell Density in Early Weaned Pigs. <i>Journal of Nutrition</i> , 2000, 130, 21-26.	2.9	94
29	Enteral nutrient intake level determines intestinal protein synthesis and accretion rates in neonatal pigs. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 279, G288-G294.	3.4	69
30	Kinetic analysis of l-glutamine transport into porcine jejunal enterocyte brush-border membrane vesicles. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 121, 411-422.	1.8	25
31	Determination of True Ileal Amino Acid Digestibility in Feedstuffs for Pigs with the Linear Relationships between Distal Ileal Outputs and Dietary Inputs of Amino Acids. <i>Journal of the Science of Food and Agriculture</i> , 1997, 73, 189-199.	3.5	32
32	Apical Na ⁺ -dependent neutral amino acid exchanger ASCT2 (ATB0) and mTOR-signaling components are expressed along the entire jejunal crypt-villus axis in young pigs fed a liquid milk replacer. <i>Canadian Journal of Animal Science</i> , 0, , .	1.5	3