

# Jian-jun Li

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

556  
citations

759233

12  
h-index

752698

20  
g-index

41  
all docs

41  
docs citations

41  
times ranked

674  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutamine, glutamate, and aspartate differently modulate energy homeostasis of small intestine under normal or low energy status in piglets. <i>Animal Nutrition</i> , 2022, 8, 216-226.	5.1	11
2	Novel Insights Into the Sulfated Glucuronic Acid-Based Anti-SARS-CoV-2 Mechanism of Exopolysaccharides From Halophilic Archaeon <i>Haloarcula hispanica</i> . <i>Frontiers in Chemistry</i> , 2022, 10, 871509.	3.6	5
3	Chitosan Oligosaccharides Regulate the Occurrence and Development of Enteritis in a Human Gut-On-a-Chip. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 877892.	3.7	11
4	Protein Engineering of <i>Pasteurella multocida</i> $\alpha$ 2,3-Sialyltransferase with Reduced $\alpha$ 2,3-Sialidase Activity and Application in Synthesis of $\alpha$ 2-Sialyllactose. <i>Catalysts</i> , 2022, 12, 579.	3.5	1
5	Emergence of H3N8 avian influenza viruses possessing tri-basic hemagglutinin cleavage sites in China. <i>Journal of Infection</i> , 2022, 85, e112-e114.	3.3	7
6	Postnatal growth retardation is associated with deteriorated intestinal mucosal barrier function using a porcine model. <i>Journal of Cellular Physiology</i> , 2021, 236, 2631-2648.	4.1	8
7	Dietary Beta-Hydroxy Beta-Methyl Butyrate Supplementation Alleviates Liver Injury in Lipopolysaccharide-Challenged Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	4.0	3
8	Expression and Biochemical Characterization of a Novel Marine Chitosanase from <i>Streptomyces niveus</i> Suitable for Preparation of Chitobiose. <i>Marine Drugs</i> , 2021, 19, 300.	4.6	10
9	Fullerene C60 Protects Against Intestinal Injury from Deoxynivalenol Toxicity by Improving Antioxidant Capacity. <i>Life</i> , 2021, 11, 491.	2.4	6
10	Serum biochemical parameters and amino acids metabolism are altered in piglets by early-weaning and proline and putrescine supplementations. <i>Animal Nutrition</i> , 2021, 7, 334-345.	5.1	13
11	Overexpression and biochemical characterization of a truncated endo- $\alpha$ (1 $\rightarrow$ 3)-fucoidanase from <i>Alteromonas</i> sp. SN-1009. <i>Food Chemistry</i> , 2021, 353, 129460.	8.2	6
12	The Amino Acids Sensing and Utilization in Response to Dietary Aromatic Amino Acid Supplementation in LPS-Induced Inflammation Piglet Model. <i>Frontiers in Nutrition</i> , 2021, 8, 819835.	3.7	8
13	Blood-Brain Barrier Permeable Chitosan Oligosaccharides Interfere with $\beta$ -Amyloid Aggregation and Alleviate $\beta$ -Amyloid Protein Mediated Neurotoxicity and Neuroinflammation in a Dose- and Degree of Polymerization-Dependent Manner. <i>Marine Drugs</i> , 2020, 18, 488.	4.6	25
14	Liquid-Phase and Ultrahigh-Frequency-Acoustofluidics-Based Solid-Phase Synthesis of Biotin-Tagged $\alpha$ 2/3-Sialyl-N-Acetylglucosamine by Sequential One-Pot Multienzyme System. <i>Catalysts</i> , 2020, 10, 1347.	3.5	3
15	Investigation of absorption, metabolism and toxicity of ginsenosides compound K based on human organ chips. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119669.	5.2	24
16	Regulatory role of l-proline in fetal pig growth and intestinal epithelial cell proliferation. <i>Animal Nutrition</i> , 2020, 6, 438-446.	5.1	9
17	Chloroquine Improves Deoxynivalenol-Induced Inflammatory Response and Intestinal Mucosal Damage in Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	4.0	12
18	Overexpression and Biochemical Characterization of an Endo- $\alpha$ -1,4-polygalacturonase from <i>Aspergillus nidulans</i> in <i>Pichia pastoris</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 2100.	4.1	6

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19	Chloroquine Downregulation of Intestinal Autophagy to Alleviate Biological Stress in Early-Weaned Piglets. <i>Animals</i> , 2020, 10, 290.	2.3	14
20	Dietary glutamine, glutamate, and aspartate supplementation improves hepatic lipid metabolism in post-weaning piglets. <i>Animal Nutrition</i> , 2020, 6, 124-129.	5.1	13
21	Establishment and Application of Peristaltic Human Gut-Vessel Microsystem for Studying Host-Microbial Interaction. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 272.	4.1	37
22	Inhibition of Liver Tumor Cell Metastasis by Partially Acetylated Chitosan Oligosaccharide on A Tumor-Vessel Microsystem. <i>Marine Drugs</i> , 2019, 17, 415.	4.6	21
23	Post-natal Growth Retardation Associated With Impaired Gut Hormone Profiles, Immune and Antioxidant Function in Pigs. <i>Frontiers in Endocrinology</i> , 2019, 10, 660.	3.5	10
24	Small intestinal transcriptome analysis revealed changes of genes involved in nutrition metabolism and immune responses in growth retardation piglets. <i>Journal of Animal Science</i> , 2019, 97, 3795-3808.	0.5	16
25	Establishment and application of a dynamic tumor-vessel microsystem for studying different stages of tumor metastasis and evaluating anti-tumor drugs. <i>RSC Advances</i> , 2019, 9, 17137-17147.	3.6	14
26	Competitive annealing mediated isothermal amplification of nucleic acids. <i>Analyst</i> , 2018, 143, 639-642.	3.5	14
27	Overexpression and biochemical characterization of a recombinant psychrophilic endocellulase from <i>Pseudoalteromonas</i> sp. DY3. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 100-105.	7.5	4
28	Involvement of calcium-sensing receptor activation in the alleviation of intestinal inflammation in a piglet model by dietary aromatic amino acid supplementation. <i>British Journal of Nutrition</i> , 2018, 120, 1321-1331.	2.3	27
29	The Regulatory Role of MeAIB in Protein Metabolism and the mTOR Signaling Pathway in Porcine Enterocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 714.	4.1	4
30	Optimal branched-chain amino acid ratio improves cell proliferation and protein metabolism of porcine enterocytes in vivo and in vitro. <i>Nutrition</i> , 2018, 54, 173-181.	2.4	20
31	Heterologous expression and biochemical characterization of a GHF9 endoglucanase from the termite <i>Reticulitermes speratus</i> in <i>Pichia pastoris</i> . <i>BMC Biotechnology</i> , 2018, 18, 35.	3.3	4
32	The effect of dietary protein intake on immune status in pigs of different genotypes. <i>Food and Agricultural Immunology</i> , 2018, 29, 776-784.	1.4	8
33	Extraction and identification of the chyme proteins in the digestive tract of growing pigs. <i>Science China Life Sciences</i> , 2018, 61, 1396-1406.	4.9	4
34	Identification of residues important for the activity of aldehyde-deformylating oxygenase through investigation into the structure-activity relationship. <i>BMC Biotechnology</i> , 2017, 17, 31.	3.3	13
35	Rational design of <i>Pleurotus eryngii</i> versatile ligninolytic peroxidase for enhanced pH and thermal stability through structure-based protein engineering. <i>Protein Engineering, Design and Selection</i> , 2017, 30, 743-751.	2.1	6
36	Structure-oriented substrate specificity engineering of aldehyde-deformylating oxygenase towards aldehydes carbon chain length. <i>Biotechnology for Biofuels</i> , 2016, 9, 185.	6.2	34

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37	Insight into the impact of two structural calcium ions on the properties of <i>Pleurotus eryngii</i> versatile ligninolytic peroxidase. <i>Archives of Biochemistry and Biophysics</i> , 2016, 612, 9-16.	3.0	4
38	Establishing an efficient gene-targeting system in an itaconic-acid producing <i>Aspergillus terreus</i> strain. <i>Biotechnology Letters</i> , 2016, 38, 1603-1610.	2.2	16
39	Characterization and Regulation of the Amino Acid Transporter SNAT2 in the Small Intestine of Piglets. <i>PLoS ONE</i> , 2015, 10, e0128207.	2.5	20
40	Identification of a Bifunctional Lipopolysaccharide Sialyltransferase in <i>Haemophilus influenzae</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 40024-40032.	3.4	53
41	Nonlinear Thermal Analysis for Qing-Tibet Railway Embankments in Cold Regions. <i>Journal of Cold Regions Engineering - ASCE</i> , 2003, 17, 171-184.	1.1	32