

Jin-Yong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

867
citations

516681

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501174

28
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44
all docs

44
docs citations

44
times ranked

1458
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress and Prospects on Vaccine Development against SARS-CoV-2. <i>Vaccines</i> , 2020, 8, 153.	4.4	229
2	Protective Efficacy of the Trivalent <i>Pseudomonas aeruginosa</i> Vaccine Candidate PcrV-OprL-Hcp1 in Murine Pneumonia and Burn Models. <i>Scientific Reports</i> , 2017, 7, 3957.	3.3	64
3	Immunization with <i>Pseudomonas aeruginosa</i> outer membrane vesicles stimulates protective immunity in mice. <i>Vaccine</i> , 2018, 36, 1047-1054.	3.8	59
4	The efficacy assessment of convalescent plasma therapy for COVID-19 patients: a multi-center case series. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 219.	17.1	37
5	DNA vaccine encoding OmpA and Pal from <i>Acinetobacter baumannii</i> efficiently protects mice against pulmonary infection. <i>Molecular Biology Reports</i> , 2019, 46, 5397-5408.	2.3	35
6	Yaf9 subunit of the NuA4 and SWR1 complexes targets histone H3K27ac through its YEATS domain. <i>Nucleic Acids Research</i> , 2018, 46, 421-430.	14.5	34
7	Rapid and Broad Immune Efficacy of a Recombinant Five-Antigen Vaccine against <i>Staphylococcus aureus</i> Infection in Animal Models. <i>Vaccines</i> , 2020, 8, 134.	4.4	32
8	Immunodominant epitope-specific Th1 but not Th17 responses mediate protection against <i>Helicobacter pylori</i> infection following UreB vaccination of BALB/c mice. <i>Scientific Reports</i> , 2015, 5, 14793.	3.3	30
9	PA0833 Is an OmpA C-Like Protein That Confers Protection Against <i>Pseudomonas aeruginosa</i> Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 1062.	3.5	28
10	Vaccination with a recombinant OprL fragment induces a Th17 response and confers serotype-independent protection against <i>Pseudomonas aeruginosa</i> infection in mice. <i>Clinical Immunology</i> , 2017, 183, 354-363.	3.2	27
11	Structural, enzymatic and biochemical studies on <i>Helicobacter pylori</i> arginase. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 995-1002.	2.8	25
12	Vaccination induces rapid protection against bacterial pneumonia via training alveolar macrophage in mice. <i>ELife</i> , 2021, 10, .	6.0	23
13	Outer membrane inflammatory protein A, a new virulence factor involved in the pathogenesis of <i>Helicobacter pylori</i> . <i>Molecular Biology Reports</i> , 2014, 41, 7807-7814.	2.3	21
14	Protective Efficacy and Mechanism of Passive Immunization with Polyclonal Antibodies in a Sepsis Model of <i>Staphylococcus aureus</i> Infection. <i>Scientific Reports</i> , 2015, 5, 15553.	3.3	21
15	Expression, Purification and Characterization of Arginase from <i>Helicobacter pylori</i> in Its Apo Form. <i>PLoS ONE</i> , 2011, 6, e26205.	2.5	21
16	Immunisation With Immunodominant Linear B Cell Epitopes Vaccine of Manganese Transport Protein C Confers Protection against <i>Staphylococcus aureus</i> Infection. <i>PLoS ONE</i> , 2016, 11, e0149638.	2.5	19
17	Immunodominant antigens that induce Th1 and Th17 responses protect mice against <i>Helicobacter pylori</i> infection. <i>Oncotarget</i> , 2018, 9, 12050-12063.	1.8	17
18	Immunization with Heat Shock Protein A and $\hat{1}^3$ -Glutamyl Transpeptidase Induces Reduction on the <i>Helicobacter pylori</i> Colonization in Mice. <i>PLoS ONE</i> , 2015, 10, e0130391.	2.5	16

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19	Mechanistic insights into chromatin targeting by leukemic NUP98-PHF23 fusion. <i>Nature Communications</i> , 2020, 11, 3339.	12.8	15
20	Phenotypic and Genotypic Characterization of a Hypervirulent Carbapenem-Resistant <i>Klebsiella pneumoniae</i> ST17-KL38 Clinical Isolate Harboring the Carbapenemase IMP-4. <i>Microbiology Spectrum</i> , 2022, 10, e0213421.	3.0	15
21	Evaluation of a recombinant five-antigen <i>Staphylococcus aureus</i> vaccine: The randomized, single-centre phase 1a/1b clinical trials. <i>Vaccine</i> , 2022, 40, 3216-3227.	3.8	9
22	Innate Immune Effectors Play Essential Roles in Acute Respiratory Infection Caused by <i>Klebsiella pneumoniae</i> . <i>Journal of Immunology Research</i> , 2020, 2020, 1-11.	2.2	8
23	Fine-Mapping of Immunodominant Linear B-Cell Epitopes of the <i>Staphylococcus Aureus</i> SEB Antigen Using Short Overlapping Peptides. <i>PLoS ONE</i> , 2014, 9, e90445.	2.5	8
24	Oligomerization of IC43 resulted in improved immunogenicity and protective efficacy against <i>Pseudomonas aeruginosa</i> lung infection. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 174-182.	7.5	7
25	An Immunodominant Epitope-Specific Monoclonal Antibody Cocktail Improves Survival in a Mouse Model of <i>Staphylococcus aureus</i> Bacteremia. <i>Journal of Infectious Diseases</i> , 2021, 223, 1743-1752.	4.0	7
26	<p></p>AmpR Increases the Virulence of Carbapenem-Resistant Klebsiella pneumoniae by Regulating the Initial Step of Capsule Synthesis</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 3431-3441.	2.7	6
27	Determining the immunological characteristics of a novel human monoclonal antibody developed against staphylococcal enterotoxin B. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 1708-1718.	3.3	6
28	Disulfiram Enhances the Activity of Polymyxin B Against <i>Klebsiella pneumoniae</i> by Inhibiting Lipid A Modification. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 295-306.	2.7	6
29	Intranasal Delivery of Antigen-Coated Polymer Particles Protects against <i>Pseudomonas aeruginosa</i> Infection. <i>ACS Infectious Diseases</i> , 2022, 8, 744-756.	3.8	6
30	Crystallization and X-ray analysis of the extracellular adhesion domain of <i>Helicobacter pylori</i> adhesin A: the significance of the cation composition in the crystallization precipitant. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2017, 73, 202-208.	0.8	5
31	High-throughput screening and evaluation of repurposed drugs targeting the SARS-CoV-2 main protease. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 356.	17.1	5
32	Crystallization and preliminary crystallographic studies of <i>Helicobacter pylori</i> arginase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 707-709.	0.7	3
33	Modeling studies with <i>Helicobacter pylori</i> octaprenyl pyrophosphate synthase reveal the enzymatic mechanism of trans-prenyltransferases. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 2116-2123.	2.8	3
34	<p></p>Rapid Identification of KL49 Acinetobacter baumannii Associated with Clinical Mortality</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 4125-4132.	2.7	3
35	Immunodominance of Epitopes and Protective Efficacy of HI Antigen Are Differentially Altered Using Different Adjuvants in a Mouse Model of <i>Staphylococcus aureus</i> Bacteremia. <i>Frontiers in Immunology</i> , 2021, 12, 684823.	4.8	3
36	Antibiotic Combined with Epitope-Specific Monoclonal Antibody Cocktail Protects Mice Against Bacteremia and Acute Pneumonia from Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4267-4282.	3.5	3

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37	Pore-forming alpha-hemolysin efficiently improves the immunogenicity and protective efficacy of protein antigens. <i>PLoS Pathogens</i> , 2021, 17, e1009752.	4.7	2
38	Î±-Hemolysin-Aided Oligomerization of the Spike Protein RBD Resulted in Improved Immunogenicity and Neutralization Against SARS-CoV-2 Variants. <i>Frontiers in Immunology</i> , 2021, 12, 757691.	4.8	2
39	Expression, crystallization and preliminary crystallographic study of octaprenyl pyrophosphate synthase from <i>Helicobacter pylori</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 263-265.	0.7	1
40	Design, implementation, and outcomes of an elective course on preliminary structural biology for undergraduate students majoring in biotechnology. <i>Biochemistry and Molecular Biology Education</i> , 2020, 48, 168-174.	1.2	1
41	Genome Sequence of <i>Klebsiella pneumoniae</i> YBQ, a Clinical Strain Isolated from the Sputum of a Patient with Severe Pneumonia. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	1