

He Huang

List of Publications by Year in descending order

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55
papers

1,921
citations

279487

23
h-index

264894

42
g-index

59
all docs

59
docs citations

59
times ranked

2849
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive Interventional Effect of Engineered Butyrate-Producing Bacteria on Metabolic Disorders and Intestinal Flora Disruption in Obese Mice. <i>Microbiology Spectrum</i> , 2022, 10, e0114721.	1.2	15
2	A Potential Combination Therapy of Berberine Hydrochloride With Antibiotics Against Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 660431.	1.8	24
3	Application of immune checkpoint targets in the anti-tumor novel drugs and traditional Chinese medicine development. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2957-2972.	5.7	34
4	Current Status of Mining, Modification, and Application of Cellulases in Bioactive Substance Extraction. <i>Current Issues in Molecular Biology</i> , 2021, 43, 687-703.	1.0	3
5	Effect of Humanizing Mutations on the Stability of the Llama Single-Domain Variable Region. <i>Biomolecules</i> , 2021, 11, 163.	1.8	14
6	VHH212 nanobody targeting the hypoxia-inducible factor 1 α suppresses angiogenesis and potentiates gemcitabine therapy in pancreatic cancer <i>in vivo</i>. <i>Cancer Biology and Medicine</i> , 2021, 18, 772-787.	1.4	15
7	Research Progress and Applications of Multivalent, Multispecific and Modified Nanobodies for Disease Treatment. <i>Frontiers in Immunology</i> , 2021, 12, 838082.	2.2	27
8	The Potential Role of Phytonutrients Flavonoids Influencing Gut Microbiota in the Prophylaxis and Treatment of Inflammatory Bowel Disease. <i>Frontiers in Nutrition</i> , 2021, 8, 798038.	1.6	25
9	InÂvitro affinity maturation to improve the efficacy of a hypoxia-inducible factor 1 α single-domain intrabody. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 936-942.	1.0	13
10	A Smoothing Newton Method with a Mixed Line Search for Monotone Weighted Complementarity Problems. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-10.	0.6	1
11	Isolation and Characterization of AbTJ, an <i>Acinetobacter baumannii</i> Phage, and Functional Identification of Its Receptor-Binding Modules. <i>Viruses</i> , 2020, 12, 205.	1.5	10
12	Engineered butyrate-producing bacteria prevents high fat diet-induced obesity in mice. <i>Microbial Cell Factories</i> , 2020, 19, 94.	1.9	36
13	Comparative genomics analysis of <i>Acinetobacter haemolyticus</i> isolates from sputum samples of respiratory patients. <i>Genomics</i> , 2020, 112, 2784-2793.	1.3	11
14	Homology Modeling-Based in Silico Affinity Maturation Improves the Affinity of a Nanobody. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4187.	1.8	31
15	Prediction of quality markers of traditional Chinese medicines based on network pharmacology. <i>Chinese Herbal Medicines</i> , 2019, 11, 349-356.	1.2	19
16	Ribosome Display: A Potent Display Technology used for Selecting and Evolving Specific Binders with Desired Properties. <i>Molecular Biotechnology</i> , 2019, 61, 60-71.	1.3	31
17	Black sesame pigment extract from sesame dregs by subcritical CO ₂ : Extraction optimization, composition analysis, binding copper and antioxidant protection. <i>LWT - Food Science and Technology</i> , 2019, 100, 28-34.	2.5	7
18	Effects of N-glycosylation on the biochemical properties of recombinant bEKL expressed in <i>Pichia pastoris</i> . <i>Enzyme and Microbial Technology</i> , 2018, 114, 40-47.	1.6	26

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19	Expression of single-domain antibody in different systems. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 539-551.	1.7	84
20	Biases in Prokaryotic Community Amplicon Sequencing Affected by DNA Extraction Methods in Both Saline and Non-saline Soil. <i>Frontiers in Microbiology</i> , 2018, 9, 1796.	1.5	12
21	Enhanced trypsin thermostability in <i>Pichia pastoris</i> through truncating the flexible region. <i>Microbial Cell Factories</i> , 2018, 17, 165.	1.9	19
22	Tumor angiogenesis and anti-angiogenic gene therapy for cancer (Review). <i>Oncology Letters</i> , 2018, 16, 687-702.	0.8	160
23	Association between genetic variants and characteristic symptoms of type 2 diabetes: A matched case-control study. <i>Chinese Journal of Integrative Medicine</i> , 2017, 23, 415-424.	0.7	11
24	Decision making with the generalized intuitionistic fuzzy power interaction averaging operators. <i>Soft Computing</i> , 2017, 21, 1129-1144.	2.1	30
25	Isoform separation and structural identification of mono-PEGylated recombinant human growth hormone (PEG-rhGH) with pH gradient chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1044-1045, 206-213.	1.2	6
26	Prokaryotic Community Distribution along an Ecological Gradient of Salinity in Surface and Subsurface Saline Soils. <i>Scientific Reports</i> , 2017, 7, 13332.	1.6	33
27	Sampling Strategies for Three-Dimensional Spatial Community Structures in IBD Microbiota Research. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 51.	1.8	23
28	The preservation of living cells with biocompatible microparticles. <i>Nanotechnology</i> , 2016, 27, 265101.	1.3	13
29	Targeting the Cancer Biomarker CD47: A Review on the Diverse Mechanisms of the CD47 Pathway in Cancer Treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 658-667.	0.9	17
30	A Novel Strategy for Thermostability Improvement of Trypsin Based on N-Glycosylation within the β_2 -Loop Region. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1163-1172.	0.9	7
31	Choosing a suitable method for the identification of replication origins in microbial genomes. <i>Frontiers in Microbiology</i> , 2015, 6, 1049.	1.5	21
32	Identification of the Replication Origins from <i>Cyanothece</i> ATCC 51142 and Their Interactions with the DnaA Protein: From In Silico to In Vitro Studies. <i>Frontiers in Microbiology</i> , 2015, 6, 1370.	1.5	15
33	Selection by phage display of nanobodies directed against hypoxia inducible factor-1 α (HIF-1 α). <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 738-745.	1.4	6
34	DsbA-DsbAmut fusion chaperon improved soluble expression of human trypsinogen-1 in <i>Escherichia coli</i> . <i>Frontiers of Chemical Science and Engineering</i> , 2015, 9, 511-521.	2.3	2
35	The role of proline substitutions within flexible regions on thermostability of luciferase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 65-72.	1.1	81
36	Engineering proteins for thermostability through rigidifying flexible sites. <i>Biotechnology Advances</i> , 2014, 32, 308-315.	6.0	193

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37	Complete Sequence of pABTJ2, A Plasmid from <i>Acinetobacter baumannii</i> MDR-TJ, Carrying Many Phage-like Elements. <i>Genomics, Proteomics and Bioinformatics</i> , 2014, 12, 172-177.	3.0	28
38	Inhibition of Autophagy Strengthens Celastrol-Induced Apoptosis in Human Pancreatic Cancer In Vitro and In Vivo Models. <i>Current Molecular Medicine</i> , 2014, 14, 555-563.	0.6	35
39	Recent agents targeting HIF-1 α for cancer therapy. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 498-509.	1.2	104
40	The distribution of apolipoprotein E gene polymorphism in Chinese civil aircrews, and a possible risk factor to their overweight and dyslipidemia is cumulative flight time. <i>Clinica Chimica Acta</i> , 2013, 416, 36-40.	0.5	4
41	Platelet factor-4 (CXCL4/PF-4): An angiostatic chemokine for cancer therapy. <i>Cancer Letters</i> , 2013, 331, 147-153.	3.2	52
42	Production and characterization of highly purified recombinant thymosin beta 4 in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2013, 90, 90-95.	0.6	7
43	Advances in the study of protein-DNA interaction. <i>Amino Acids</i> , 2012, 43, 1141-1146.	1.2	39
44	Polycistronic Expression of Human Platelet Factor 4 with Heparin-Neutralizing Activity in <i>Escherichia coli</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 1855-1860.	0.6	2
45	Complete genome sequence of <i>Acinetobacter baumannii</i> MDR-TJ and insights into its mechanism of antibiotic resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2825-2832.	1.3	82
46	Application of metagenomic techniques in mining enzymes from microbial communities for biofuel synthesis. <i>Biotechnology Advances</i> , 2012, 30, 920-929.	6.0	90
47	Polymorphisms in the hypoxia-inducible factor-1 α gene confer susceptibility to pancreatic cancer. <i>Cancer Biology and Therapy</i> , 2011, 12, 383-387.	1.5	44
48	Genome Sequence of <i>Acinetobacter baumannii</i> MDR-TJ. <i>Journal of Bacteriology</i> , 2011, 193, 2365-2366.	1.0	37
49	Genetic modification of critical enzymes and involved genes in butanol biosynthesis from biomass. <i>Biotechnology Advances</i> , 2010, 28, 651-657.	6.0	110
50	Immunological applications of single-domain llama recombinant antibodies isolated from a naive library. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 273-280.	1.0	135
51	The Expression of Bovine Enterokinase Catalytic Subunit in Methylotropic Yeast <i>Pichia pastoris</i> . , 2009, , .		0
52	Induced fit of passenger proteins fused to Archaea maltose binding proteins. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 25-29.	1.0	15
53	Synthesis and activity of an octapeptide inhibitor designed for SARS coronavirus main proteinase. <i>Peptides</i> , 2006, 27, 622-625.	1.2	59
54	Prokaryotic expression of Chinese bovine enterokinase catalytic subunit. <i>Chinese Medical Journal</i> , 2004, 117, 286-90.	0.9	3

#	ARTICLE	IF	CITATIONS
55	Synthesis of 20nm Colloidal Gold by Microwave Heating Method. Advanced Materials Research, 0, 204-210, 2045-2048.	0.3	0