

Bing Gu

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,117
citations

430874

18
h-index

434195

31
g-index

51
all docs

51
docs citations

51
times ranked

1505
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of $\hat{I}^3\hat{T}$ T cells in the interaction between commensal and pathogenic bacteria in the intestinal mucosa. <i>International Reviews of Immunology</i> , 2023, 42, 379-392.	3.3	3
2	Discrimination between Carbapenem-Resistant and Carbapenem-Sensitive <i>Klebsiella pneumoniae</i> Strains through Computational Analysis of Surface-Enhanced Raman Spectra: a Pilot Study. <i>Microbiology Spectrum</i> , 2022, 10, e0240921.	3.0	22
3	Rapid Discrimination of Clinically Important Pathogens Through Machine Learning Analysis of Surface Enhanced Raman Spectra. <i>Frontiers in Microbiology</i> , 2022, 13, 843417.	3.5	20
4	Angong Niu Huang Wan reduces hemorrhagic transformation and mortality in ischemic stroke rats with delayed thrombolysis: involvement of peroxynitrite-mediated MMP-9 activation. <i>Chinese Medicine</i> , 2022, 17, 51.	4.0	7
5	Rapid Detection Method for Pathogenic <i>Candida</i> Captured by Magnetic Nanoparticles and Identified Using SERS via AgNPs+. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 941-950.	6.7	19
6	Diagnostic value of DACT-2 methylation in serum of prostate cancer patients. <i>Annals of Palliative Medicine</i> , 2021, 10, 2421-2428.	1.2	2
7	Preliminary exploration on the serum biomarkers of bloodstream infection with carbapenem-resistant <i>Klebsiella pneumoniae</i> based on mass spectrometry. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23915.	2.1	3
8	Au Nanoclusters Ameliorate <i>Shigella</i> Infectious Colitis by Inducing Oxidative Stress. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4545-4557.	6.7	8
9	Applications of Raman Spectroscopy in Bacterial Infections: Principles, Advantages, and Shortcomings. <i>Frontiers in Microbiology</i> , 2021, 12, 683580.	3.5	34
10	Comparative Analysis of Machine Learning Algorithms on Surface Enhanced Raman Spectra of Clinical <i>Staphylococcus</i> Species. <i>Frontiers in Microbiology</i> , 2021, 12, 696921.	3.5	37
11	Rapid SERS identification of methicillin-susceptible and methicillin-resistant <i>Staphylococcus aureus</i> via aptamer recognition and deep learning. <i>RSC Advances</i> , 2021, 11, 34425-34431.	3.6	20
12	Rapid, Quantitative, High-Sensitive Detection of <i>Escherichia coli</i> O157:H7 by Gold-Shell Silica-Core Nanospheres-Based Surface-Enhanced Raman Scattering Lateral Flow Immunoassay. <i>Frontiers in Microbiology</i> , 2020, 11, 596005.	3.5	36
13	<i>Momordica charantia</i> polysaccharides modulate the differentiation of neural stem cells via SIRT1/ β -catenin axis in cerebral ischemia/reperfusion. <i>Stem Cell Research and Therapy</i> , 2020, 11, 485.	5.5	27
14	Diagnostic and Prognostic Values of Serum EpCAM, TGM2, and HE4 Levels in Endometrial Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 1697.	2.8	10
15	Synthesis of raspberry-like nanogapped $Fe_3O_4@Au$ nanocomposites for SERS-based lateral flow detection of multiple tumor biomarkers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12854-12864.	5.5	49
16	Development and evaluation of a rapid CRISPR-based diagnostic for COVID-19. <i>PLoS Pathogens</i> , 2020, 16, e1008705.	4.7	161
17	Gold Nanoclusters as an Antibacterial Alternative Against <i>Clostridium difficile</i> . <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6401-6408.	6.7	13
18	Interactions of commensal and pathogenic microorganisms with the mucus layer in the colon. <i>Gut Microbes</i> , 2020, 11, 680-690.	9.8	45

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19	Alpinia oxyphylla Miq. and Its Active Compound P-Coumaric Acid Promote Brain-Derived Neurotrophic Factor Signaling for Inducing Hippocampal Neurogenesis and Improving Post-cerebral Ischemic Spatial Cognitive Functions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 577790.	3.7	22
20	Kalopanaxsaponin A induces reactive oxygen species mediated mitochondrial dysfunction and cell membrane destruction in <i>Candida albicans</i> . <i>PLoS ONE</i> , 2020, 15, e0243066.	2.5	19
21	Clinical Molecular Epidemiology of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Among Pediatric Patients in Jiangsu Province, China. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 4627-4635.	2.7	7
22	Rapid identification and antibiotic susceptibility test of pathogens in blood based on magnetic separation and surface-enhanced Raman scattering. <i>Mikrochimica Acta</i> , 2019, 186, 475.	5.0	43
23	Application of MALDI-TOF MS to rapid identification of anaerobic bacteria. <i>BMC Infectious Diseases</i> , 2019, 19, 941.	2.9	63
24	Anticandidal Activity of Kalopanaxsaponin A: Effect on Proliferation, Cell Morphology, and Key Virulence Attributes of <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2844.	3.5	12
25	<p>Serum Exosomal Long Noncoding RNA pcsk2-2:1 As A Potential Novel Diagnostic Biomarker For Gastric Cancer</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 10035-10041.	2.0	48
26	<p>First Reported Nosocomial Outbreak Of NDM-5-Producing Klebsiella pneumoniae In A Neonatal Unit In China</p>. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 3557-3566.	2.7	20
27	Existence of virulence genes in clinical <i>Shigella sonnei</i> isolates from Jiangsu Province of China: a multicenter study. <i>Annals of Translational Medicine</i> , 2019, 7, 305-305.	1.7	8
28	Rapid and sensitive detection of <i>Shigella flexneri</i> using fluorescent microspheres as label for immunochromatographic test strip. <i>Annals of Translational Medicine</i> , 2019, 7, 565-565.	1.7	10
29	Evaluation of neurosurgical implant infection rates and associated pathogens: evidence from 1118 postoperative infections. <i>Neurosurgical Focus</i> , 2019, 47, E6.	2.3	28
30	Label-free identification carbapenem-resistant <i>Escherichia coli</i> based on surface-enhanced resonance Raman scattering. <i>RSC Advances</i> , 2018, 8, 4761-4765.	3.6	29
31	Recent advances in rapid pathogen detection method based on biosensors. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1021-1037.	2.9	43
32	Two novel mutations in parE among <i>Shigella flexneri</i> isolated from Jiangsu Province of China, 2016. <i>Annals of Translational Medicine</i> , 2018, 6, 306-306.	1.7	3
33	High Prevalence of blaNDM Variants Among Carbapenem-Resistant <i>Escherichia coli</i> in Northern Jiangsu Province, China. <i>Frontiers in Microbiology</i> , 2018, 9, 2704.	3.5	42
34	Prevalence and characterisation of third-generation cephalosporin-resistant <i>Shigella flexneri</i> isolates from Jiangsu Province, China, 2013â€“2015. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 15, 283-287.	2.2	13
35	Probiotics decrease depressive behaviors induced by constipation via activating the AKT signaling pathway. <i>Metabolic Brain Disease</i> , 2018, 33, 1625-1633.	2.9	43
36	Combined use of vancomycin-modified Ag-coated magnetic nanoparticles and secondary enhanced nanoparticles for rapid surface-enhanced Raman scattering detection of bacteria. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1159-1178.	6.7	82

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37	Virulence-associated genes and molecular characteristics of non-O1/non-O139 <i>Vibrio cholerae</i> isolated from hepatitis B cirrhosis patients in China. <i>International Journal of Infectious Diseases</i> , 2018, 74, 117-122.	3.3	15
38	Increasing clinical resistance rate of <i>Shigella sonnei</i> to cefotaxime in Jiangsu Province, China, between 2012 and 2015. <i>Annals of Translational Medicine</i> , 2018, 6, 207-207.	1.7	6
39	Methylation of TP53BP2 and Apaf-1 genes in embryonic lung cells and their impact on gene expression. <i>Annals of Translational Medicine</i> , 2018, 6, 459-459.	1.7	2
40	Novel mutations in <i>gyrA</i> and <i>parC</i> among <i>Shigella sonnei</i> strains from Jiangsu Province of China, 2002-2011. <i>International Journal of Infectious Diseases</i> , 2017, 59, 44-49.	3.3	15
41	Low distribution of genes encoding virulence factors in <i>Shigella flexneri</i> serotypes 1b clinical isolates from eastern Chinese populations. <i>Gut Pathogens</i> , 2017, 9, 76.	3.4	17
42	A clinical prognostic scoring system for resectable gastric cancer to predict survival and benefit from paclitaxel- or oxaliplatin-based adjuvant chemotherapy. <i>Drug Design, Development and Therapy</i> , 2016, 10, 241.	4.3	10