Zhancheng Gao

List of Publications by Year
in descending order

78 papers	41,292 citations	293460 24 h-index	64407 83 g-index
92 all docs	92 docs citations	92 times ranked	79461 citing authors

#	Article	IF	Citations
1	Incidence and disease burden of community-acquired pneumonia in southeastern China: data from integrated medical resources. Human Vaccines and Immunotherapeutics, 2024, 17, 5638-5645.	1.4	5
2	Shared and Specific Lung Microbiota with Metabolic Profiles in Bronchoalveolar Lavage Fluid Between Infectious and Inflammatory Respiratory Diseases. Journal of Inflammation Research, 2022, Volume 15, 187-198.	1.6	7
3	Prognostic Value of Histidine-Rich Glycoprotein for Community-Acquired Pneumonia. Disease Markers, 2022, 2022, 1-9.	0.6	1
4	Targeted lipidomics reveals phospholipids and lysophospholipids as biomarkers for evaluating community-acquired pneumonia. Annals of Translational Medicine, 2022, 10, 395-395.	0.7	2
5	Susceptibility of cefiderocol and other antibiotics against carbapenem-resistant, Gram-negative bacteria. Annals of Translational Medicine, 2022, 10, 261-261.	0.7	11
6	Heteroresistance Is Associated With in vitro Regrowth During Colistin Treatment in Carbapenem-Resistant Klebsiella pneumoniae. Frontiers in Microbiology, 2022, 13, 868991.	1.5	4
7	Enhanced DNA and RNA pathogen detection via metagenomic sequencing in patients with pneumonia. Journal of Translational Medicine, 2022, 20, 195.	1.8	14
8	Clinical Manifestations of Pulmonary Mucormycosis in Recipients of Allogeneic Hematopoietic Stem Cell Transplantation: A 21-Case Series Report and Literature Review. Canadian Respiratory Journal, 2022, 2022, 1-10.	0.8	5
9	Comprehensive Humoral and Cellular Immune Responses to SARS-CoV-2 Variants in Diverse Chinese Population. Research, 2022, 2022, .	2.8	5
10	GI symptoms and fever increase the risk of severe illness and death in patients with COVID-19. Gut, 2021, 70, gutjnl-2020-321751.	6.1	5
11	Complete sequences of two new KPC-harbouring plasmids in Klebsiella pneumoniae ST11 strains in China. Journal of Global Antimicrobial Resistance, 2021, 24, 114-120.	0.9	3
12	Predictive and Prognostic Utility of the Serum Level of Resistin-Like Molecule Beta for Risk Stratification in Patients with Community-Acquired Pneumonia. Pathogens, 2021, 10, 122.	1.2	1
13	Roles of host small RNAs in the evolution and host tropism of coronaviruses. Briefings in Bioinformatics, 2021, 22, 1096-1105.	3.2	2
14	Lipid profiles and differential lipids in serum related to severity of community-acquired pneumonia: A pilot study. PLoS ONE, 2021, 16, e0245770.	1.1	4
15	Admission lysophosphatidylethanolamine acyltransferase level predicts the severity and prognosis of community-acquired pneumonia. Infection, 2021, 49, 877-888.	2.3	3
16	The prognostic value of serum albumin levels and respiratory rate for community-acquired pneumonia: A prospective, multi-center study. PLoS ONE, 2021, 16, e0248002.	1.1	13
17	Associations Between Sputum Torque Teno Virus Load and Lung Function and Disease Severity in Patients With Chronic Obstructive Pulmonary Disease. Frontiers in Medicine, 2021, 8, 618757.	1.2	8
18	Characterization of the Tumor Immune Microenvironment in Lung Squamous Cell Carcinoma Using Imaging Mass Cytometry. Frontiers in Oncology, 2021, 11, 620989.	1.3	18

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19	In vitro and in vivo synergistic effects of tigecycline combined with aminoglycosides on carbapenem-resistant Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2021, 76, 2097-2105.	1.3	16
20	Risk factors of prolonged ventilation after thymectomy in thymoma myasthenia gravis patients. Journal of Cardiothoracic Surgery, 2021, 16, 275.	0.4	2
21	The Implementation of Patient-Centered Humanistic Care for COVID-19 Closely Contacted Hemodialysis Patients Under the Hospital-Based Group Medical Quarantine: A Brief Research Report. Frontiers in Psychology, 2021, 12, 553234.	1.1	2
22	Specific Cytokine Profiles Predict the Severity of Influenza A Pneumonia: A Prospectively Multicenter Pilot Study. BioMed Research International, 2021, 2021, 1-11.	0.9	5
23	A Novel c-Mesenchymal-Epithelial Transition Factor Intergenic Fusion Response to Crizotinib in a Chinese Patient With Lung Adenocarcinoma: A Case Report. Frontiers in Oncology, 2021, 11, 727662.	1.3	3
24	Detection of Antibodies Against the SARS-CoV-2 Spike Protein and Analysis of the Peripheral Blood Mononuclear Cell Transcriptomic Profile, 15 Years After Recovery From SARS. Frontiers in Cellular and Infection Microbiology, 2021, 11, 768993.	1.8	2
25	Investigation of the impact of SARS-CoV infection on the immunologic status and lung function after 15 years. BMC Infectious Diseases, 2021, 21, 1183.	1.3	3
26	Neuraminidase Inhibitors and Hospital Length of Stay: A Meta-analysis of Individual Participant Data to Determine Treatment Effectiveness Among Patients Hospitalized With Nonfatal 2009 Pandemic Influenza A(H1N1) Virus Infection. Journal of Infectious Diseases, 2020, 221, 356-366.	1.9	17
27	Elevated progranulin as a novel biomarker to predict poor prognosis in community-acquired pneumonia. Journal of Infection, 2020, 80, 167-173.	1.7	12
28	Role of angiotensin-converting enzyme 2 (ACE2) in COVID-19. Critical Care, 2020, 24, 422.	2.5	768
29	A fine-scale map of genome-wide recombination in divergentEscherichia colipopulation. Briefings in Bioinformatics, 2020, 22, .	3.2	3
30	The utilization of aerosol therapy in mechanical ventilation patients: a prospective multicenter observational cohort study and a review of the current evidence. Annals of Translational Medicine, 2020, 8, 1071-1071.	0.7	9
31	Heightened Innate Immune Responses in the Respiratory Tract of COVID-19 Patients. Cell Host and Microbe, 2020, 27, 883-890.e2.	5.1	811
32	Nosocomial outbreak of COVID-19 pneumonia in Wuhan, China. European Respiratory Journal, 2020, 55, 2000544.	3.1	150
33	Th1/Th17 Cytokine Profiles are Associated with Disease Severity and Exacerbation Frequency in COPD Patients . International Journal of COPD, 2020, Volume 15, 1287-1299.	0.9	12
34	Identification of Two Depolymerases From Phage IME205 and Their Antivirulent Functions on K47 Capsule of Klebsiella pneumoniae. Frontiers in Microbiology, 2020, 11, 218.	1.5	36
35	Genomic Diversity of Severe Acute Respiratory Syndrome–Coronavirus 2 in Patients With Coronavirus Disease 2019. Clinical Infectious Diseases, 2020, 71, 713-720.	2.9	455
36	Long-term bone and lung consequences associated with hospital-acquired severe acute respiratory syndrome: a 15-year follow-up from a prospective cohort study. Bone Research, 2020, 8, 8.	5.4	320

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37	Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. Lancet, The, 2020, 395, 497-506.	6.3	36,800
38	Genomic characterization of an emerging Enterobacteriaceae species: the first case of co-infection with a typical pathogen in a human patient. BMC Genomics, 2020, 21, 297.	1.2	3
39	Development and validation of a prediction model for early identification of critically ill elderly COVID-19 patients. Aging, 2020, 12, 18822-18832.	1.4	9
40	Potential of serum procalcitonin in predicting bacterial exacerbation and guiding antibiotic administration in severe COPD exacerbations: a systematic review and meta-analysis. Infectious Diseases, 2019, 51, 639-650.	1.4	26
41	Blood circRNAs as biomarkers for the diagnosis of community‐acquired pneumonia. Journal of Cellular Biochemistry, 2019, 120, 16483-16494.	1.2	30
42	Microfluidics-Based Enrichment and Whole-Genome Amplification Enable Strain-Level Resolution for Airway Metagenomics. MSystems, 2019, 4, .	1.7	11
43	Inflammatory responses relate to distinct bronchoalveolar lavage lipidome in community-acquired pneumonia patients: a pilot study. Respiratory Research, 2019, 20, 82.	1.4	17
44	The Capsule Depolymerase Dpo48 Rescues Galleria mellonella and Mice From Acinetobacter baumannii Systemic Infections. Frontiers in Microbiology, 2019, 10, 545.	1.5	37
45	Meta-analysis Reveals Potential Influence of Oxidative Stress on the Airway Microbiomes of Cystic Fibrosis Patients. Genomics, Proteomics and Bioinformatics, 2019, 17, 590-602.	3.0	4
46	Admission Pentraxin‐3 Level Predicts Severity of Community‐Acquired Pneumonia Independently of Etiology. Proteomics - Clinical Applications, 2019, 13, e1800117.	0.8	8
47	The characteristics and clinical significance of mucin levels in bronchoalveolar lavage fluid of patients with interstitial lung disease. Journal of Investigative Medicine, 2019, 67, 761-766.	0.7	4
48	Identification and characterization of capsule depolymerase Dpo48 from <i>Acinetobacter baumannii</i> phage IME200. PeerJ, 2019, 7, e6173.	0.9	54
49	Use of Monte Carlo simulation to evaluate the efficacy of tigecycline and minocycline for the treatment of pneumonia due to carbapenemase-producing Klebsiella pneumoniae. Infectious Diseases, 2018, 50, 507-513.	1.4	18
50	Comparison of the prevalence of respiratory viruses in patients with acute respiratory infections at different hospital settings in North China, 2012–2015. BMC Infectious Diseases, 2018, 18, 72.	1.3	37
51	Continuous hypoxia reduces the concentration of streptomycin in the blood. BMC Infectious Diseases, 2018, 18, 120.	1.3	2
52	Characterization of Unexpressed Extended-Spectrum Beta-Lactamase Genes in Antibiotic–Sensitive Klebsiella pneumoniae Isolates. Microbial Drug Resistance, 2018, 24, 799-806.	0.9	12
53	Transcriptionally Active Lung Microbiome and Its Association with Bacterial Biomass and Host Inflammatory Status. MSystems, 2018, 3, .	1.7	58
54	Complete Genomic Analysis of a Kingdom-Crossing Klebsiella variicola Isolate. Frontiers in Microbiology, 2018, 9, 2428.	1.5	10

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55	Common Variable Immunodeficiency with Genetic Defects Identified by Whole Exome Sequencing. BioMed Research International, 2018, 2018, 1-7.	0.9	18
56	Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity. Critical Care, 2018, 22, 130.	2.5	47
57	Serum suPAR and syndecan-4 levels predict severity of community-acquired pneumonia: a prospective, multi-centre study. Critical Care, 2018, 22, 15.	2.5	29
58	S100A4+ Macrophages Are Necessary for Pulmonary Fibrosis by Activating Lung Fibroblasts. Frontiers in Immunology, 2018, 9, 1776.	2.2	65
59	Genotyping of human rhinovirus in adult patients with acute respiratory infections identified predominant infections of genotype A21. Scientific Reports, 2017, 7, 41601.	1.6	14
60	Impact of Air Pollutants on Outpatient Visits for Acute Respiratory Outcomes. International Journal of Environmental Research and Public Health, 2017, 14, 47.	1.2	72
61	Rhinovirus is associated with severe adult community-acquired pneumonia in China. Journal of Thoracic Disease, 2017, 9, 4502-4511.	0.6	21
62	Cancer-associated fibroblasts promote non-small cell lung cancer cell invasion by upregulation of glucose-regulated protein 78 (GRP78) expression in an integrated bionic microfluidic device. Oncotarget, 2016, 7, 25593-25603.	0.8	55
63	A randomized, open, multicenter clinical study on the short course of intravenous infusion of 750 mg of levofloxacin and the sequential standard course of intravenous infusion/oral administration of 500 mg of levofloxacin for treatment of community-acquired pneumonia. Journal of Thoracic Disease, 2016, 8, 2473-2484.	0.6	11
64	Complete nucleotide sequence of pH11, an IncHI2 plasmid conferring multi-antibiotic resistance and multi-heavy metal resistance genes in a clinical Klebsiella pneumoniae isolate. Plasmid, 2016, 86, 26-31.	0.4	30
65	Impact of neuraminidase inhibitors on influenza A(H1N1)pdm09â€related pneumonia: an individual participant data metaâ€analysis. Influenza and Other Respiratory Viruses, 2016, 10, 192-204.	1.5	54
66	Pulmonary function abnormalities in adult patients with acute exacerbation of bronchiectasis. Chronic Respiratory Disease, 2015, 12, 222-229.	1.0	4
67	Combinations of oseltamivir and fibrates prolong the mean survival time of mice infected with the lethal H7N9 influenza virus. Journal of General Virology, 2015, 96, 46-51.	1.3	13
68	Macrophages promote benzopyrene-induced tumor transformation of human bronchial epithelial cells by activation of NF-κB and STAT3 signaling in a bionic airway chip culture and in animal models. Oncotarget, 2015, 6, 8900-8913.	0.8	27
69	The link between mold sensitivity and asthma severity in a cohort of northern Chinese patients. Journal of Thoracic Disease, 2015, 7, 585-90.	0.6	10
70	Effectiveness of neuraminidase inhibitors in reducing mortality in patients admitted to hospital with influenza A H1N1pdm09 virus infection: a meta-analysis of individual participant data. Lancet Respiratory Medicine,the, 2014, 2, 395-404.	5.2	527
71	Human Pharyngeal Microbiome May Play A Protective Role in Respiratory Tract Infections. Genomics, Proteomics and Bioinformatics, 2014, 12, 144-150.	3.0	61
72	Histopathological features and distribution of EV71 antigens and SCARB2 in human fatal cases and a mouse model of enterovirus 71 infection. Virus Research, 2014, 189, 121-132.	1.1	44

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73	Genetic environment of Î²-lactamase genes of extended-spectrum Î²-lactamase-producing Klebsiella pneumoniae isolates from patients with lower respiratory tract infection in China. Chinese Medical Journal, 2014, 127, 2445-50.	0.9	4
74	Clinical status and its associated early warning per emerging infectious respiratory disease in China. Chinese Medical Journal, 2014, 127, 3043-5.	0.9	3
75	Identification of Klebsiella pneumoniae strains harboring inactive extended-spectrum beta-lactamase antibiotic-resistance genes. Chinese Medical Journal, 2014, 127, 3051-7.	0.9	2
76	Clinical characteristics of human infection with a novel avian-origin influenza A(H10N8) virus. Chinese Medical Journal, 2014, 127, 3238-42.	0.9	13
77	Application of a microfluidic chip-based 3D co-culture to test drug sensitivity forÂindividualized treatment of lung cancer. Biomaterials, 2013, 34, 4109-4117.	5.7	236
78	Inhibition of allergic responsiveness in a murine asthma model via IFN-gamma transgene expression. Chinese Medical Journal, 2002, 115, 1470-4.	0.9	1