

# Zhancheng Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

41,292  
citations

257357

24  
h-index

56687

83  
g-index

92  
all docs

92  
docs citations

92  
times ranked

75278  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. <i>Lancet</i> , The, 2020, 395, 497-506.   | 6.3 | 36,800    |
| 2  | Heightened Innate Immune Responses in the Respiratory Tract of COVID-19 Patients. <i>Cell Host and Microbe</i> , 2020, 27, 883-890.e2.   | 5.1 | 811       |
| 3  | Role of angiotensin-converting enzyme 2 (ACE2) in COVID-19. <i>Critical Care</i> , 2020, 24, 422.  | 2.5 | 768       |
| 4  | 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. <i>Lancet Respiratory Medicine</i> , the, 2014, 2, 395-404. | 5.2 | 527       |
| 5  | Genomic Diversity of Severe Acute Respiratory Syndromeâ€“Coronavirus 2 in Patients With Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2020, 71, 713-720.   | 2.9 | 455       |
| 6  | Long-term bone and lung consequences associated with hospital-acquired severe acute respiratory syndrome: a 15-year follow-up from a prospective cohort study. <i>Bone Research</i> , 2020, 8, 8.  | 5.4 | 320       |
| 7  | Application of a microfluidic chip-based 3D co-culture to test drug sensitivity for individualized treatment of lung cancer. <i>Biomaterials</i> , 2013, 34, 4109-4117.  | 5.7 | 236       |
| 8  | Nosocomial outbreak of COVID-19 pneumonia in Wuhan, China. <i>European Respiratory Journal</i> , 2020, 55, 2000544.  | 3.1 | 150       |
| 9  | Impact of Air Pollutants on Outpatient Visits for Acute Respiratory Outcomes. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 47.   | 1.2 | 72        |
| 10 | S100A4+ Macrophages Are Necessary for Pulmonary Fibrosis by Activating Lung Fibroblasts. <i>Frontiers in Immunology</i> , 2018, 9, 1776.   | 2.2 | 65        |
| 11 | Human Pharyngeal Microbiome May Play A Protective Role in Respiratory Tract Infections. <i>Genomics, Proteomics and Bioinformatics</i> , 2014, 12, 144-150.  | 3.0 | 61        |
| 12 | Transcriptionally Active Lung Microbiome and Its Association with Bacterial Biomass and Host Inflammatory Status. <i>MSystems</i> , 2018, 3, .   | 1.7 | 58        |
| 13 | 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. <i>Oncotarget</i> , 2016, 7, 25593-25603.                 | 0.8 | 55        |
| 14 | Impact of neuraminidase inhibitors on influenza A(H1N1)pdm09â€“related pneumonia: an individual participant data metaâ€“analysis. <i>Influenza and Other Respiratory Viruses</i> , 2016, 10, 192-204.  | 1.5 | 54        |
| 15 | Identification and characterization of capsule depolymerase Dpo48 from <i>Acinetobacter baumannii</i> phage IME200. <i>PeerJ</i> , 2019, 7, e6173.   | 0.9 | 54        |
| 16 | Metabolic profiles in community-acquired pneumonia: developing assessment tools for disease severity. <i>Critical Care</i> , 2018, 22, 130.  | 2.5 | 47        |
| 17 | Histopathological features and distribution of EV71 antigens and SCARB2 in human fatal cases and a mouse model of enterovirus 71 infection. <i>Virus Research</i> , 2014, 189, 121-132.  | 1.1 | 44        |
| 18 | Comparison of the prevalence of respiratory viruses in patients with acute respiratory infections at different hospital settings in North China, 2012â€“2015. <i>BMC Infectious Diseases</i> , 2018, 18, 72.   | 1.3 | 37        |

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|----|--|-----|-----------|
| 19 | The Capsule Depolymerase Dpo48 Rescues <i>Galleria mellonella</i> and Mice From <i>Acinetobacter baumannii</i> Systemic Infections. <i>Frontiers in Microbiology</i> , 2019, 10, 545.  | 1.5 | 37        |
| 20 | Identification of Two Depolymerases From Phage IME205 and Their Antivirulent Functions on K47 Capsule of <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 218.  | 1.5 | 36        |
| 21 | Complete nucleotide sequence of pH11, an IncHI2 plasmid conferring multi-antibiotic resistance and multi-heavy metal resistance genes in a clinical <i>Klebsiella pneumoniae</i> isolate. <i>Plasmid</i> , 2016, 86, 26-31.  | 0.4 | 30        |
| 22 | Blood circRNAs as biomarkers for the diagnosis of community-acquired pneumonia. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 16483-16494.  | 1.2 | 30        |
| 23 | Serum suPAR and syndecan-4 levels predict severity of community-acquired pneumonia: a prospective, multi-centre study. <i>Critical Care</i> , 2018, 22, 15.  | 2.5 | 29        |
| 24 | Macrophages promote benzopyrene-induced tumor transformation of human bronchial epithelial cells by activation of NF- $\kappa$ B and STAT3 signaling in a bionic airway chip culture and in animal models. <i>Oncotarget</i> , 2015, 6, 8900-8913.   | 0.8 | 27        |
| 25 | Potential of serum procalcitonin in predicting bacterial exacerbation and guiding antibiotic administration in severe COPD exacerbations: a systematic review and meta-analysis. <i>Infectious Diseases</i> , 2019, 51, 639-650.   | 1.4 | 26        |
| 26 | Rhinovirus is associated with severe adult community-acquired pneumonia in China. <i>Journal of Thoracic Disease</i> , 2017, 9, 4502-4511.   | 0.6 | 21        |
| 27 | Use of Monte Carlo simulation to evaluate the efficacy of tigecycline and minocycline for the treatment of pneumonia due to carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>Infectious Diseases</i> , 2018, 50, 507-513.   | 1.4 | 18        |
| 28 | Common Variable Immunodeficiency with Genetic Defects Identified by Whole Exome Sequencing. <i>BioMed Research International</i> , 2018, 2018, 1-7.  | 0.9 | 18        |
| 29 | Characterization of the Tumor Immune Microenvironment in Lung Squamous Cell Carcinoma Using Imaging Mass Cytometry. <i>Frontiers in Oncology</i> , 2021, 11, 620989.   | 1.3 | 18        |
| 30 | 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. <i>Journal of Infectious Diseases</i> , 2020, 221, 356-366. | 1.9 | 17        |
| 31 | Inflammatory responses relate to distinct bronchoalveolar lavage lipidome in community-acquired pneumonia patients: a pilot study. <i>Respiratory Research</i> , 2019, 20, 82.   | 1.4 | 17        |
| 32 | In vitro and in vivo synergistic effects of tigecycline combined with aminoglycosides on carbapenem-resistant <i>Klebsiella pneumoniae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2097-2105.   | 1.3 | 16        |
| 33 | Genotyping of human rhinovirus in adult patients with acute respiratory infections identified predominant infections of genotype A21. <i>Scientific Reports</i> , 2017, 7, 41601.  | 1.6 | 14        |
| 34 | Enhanced DNA and RNA pathogen detection via metagenomic sequencing in patients with pneumonia. <i>Journal of Translational Medicine</i> , 2022, 20, 195.   | 1.8 | 14        |
| 35 | Combinations of oseltamivir and fibrates prolong the mean survival time of mice infected with the lethal H7N9 influenza virus. <i>Journal of General Virology</i> , 2015, 96, 46-51.   | 1.3 | 13        |
| 36 | The prognostic value of serum albumin levels and respiratory rate for community-acquired pneumonia: A prospective, multi-center study. <i>PLoS ONE</i> , 2021, 16, e0248002.   | 1.1 | 13        |

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|----|---|-----|-----------|
| 37 | Clinical characteristics of human infection with a novel avian-origin influenza A(H10N8) virus. Chinese Medical Journal, 2014, 127, 3238-42.  | 0.9 | 13        |
| 38 | Characterization of Unexpressed Extended-Spectrum Beta-Lactamase Genes in Antibiotic-Sensitive Klebsiella pneumoniae Isolates. Microbial Drug Resistance, 2018, 24, 799-806.  | 0.9 | 12        |
| 39 | Elevated progranulin as a novel biomarker to predict poor prognosis in community-acquired pneumonia. Journal of Infection, 2020, 80, 167-173.   | 1.7 | 12        |
| 40 | 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        |
| 41 | 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        |
| 42 | Microfluidics-Based Enrichment and Whole-Genome Amplification Enable Strain-Level Resolution for Airway Metagenomics. MSystems, 2019, 4, .  | 1.7 | 11        |
| 43 | Susceptibility of cefiderocol and other antibiotics against carbapenem-resistant, Gram-negative bacteria. Annals of Translational Medicine, 2022, 10, 261-261.  | 0.7 | 11        |
| 44 | Complete Genomic Analysis of a Kingdom-Crossing Klebsiella variicola Isolate. Frontiers in Microbiology, 2018, 9, 2428.   | 1.5 | 10        |
| 45 | 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        |
| 46 | 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         |
| 47 | 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         |
| 48 | Admission Pentraxin-3 Level Predicts Severity of Community-Acquired Pneumonia Independently of Etiology. Proteomics - Clinical Applications, 2019, 13, e1800117.  | 0.8 | 8         |
| 49 | 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         |
| 50 | 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         |
| 51 | 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         |
| 52 | 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         |
| 53 | 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         |
| 54 | 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         |

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|----|---|-----|-----------|
| 55 | Comprehensive Humoral and Cellular Immune Responses to SARS-CoV-2 Variants in Diverse Chinese Population. <i>Research</i> , 2022, 2022, .   | 2.8 | 5         |
| 56 | Pulmonary function abnormalities in adult patients with acute exacerbation of bronchiectasis. <i>Chronic Respiratory Disease</i> , 2015, 12, 222-229.   | 1.0 | 4         |
| 57 | Meta-analysis Reveals Potential Influence of Oxidative Stress on the Airway Microbiomes of Cystic Fibrosis Patients. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 590-602.  | 3.0 | 4         |
| 58 | The characteristics and clinical significance of mucin levels in bronchoalveolar lavage fluid of patients with interstitial lung disease. <i>Journal of Investigative Medicine</i> , 2019, 67, 761-766.   | 0.7 | 4         |
| 59 | Lipid profiles and differential lipids in serum related to severity of community-acquired pneumonia: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0245770.   | 1.1 | 4         |
| 60 | Genetic environment of $\beta$ -lactamase genes of extended-spectrum $\beta$ -lactamase-producing <i>Klebsiella pneumoniae</i> isolates from patients with lower respiratory tract infection in China. <i>Chinese Medical Journal</i> , 2014, 127, 2445-50. | 0.9 | 4         |
| 61 | Heteroresistance Is Associated With in vitro Regrowth During Colistin Treatment in Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 868991.   | 1.5 | 4         |
| 62 | A fine-scale map of genome-wide recombination in divergent <i>Escherichia coli</i> population. <i>Briefings in Bioinformatics</i> , 2020, 22, .   | 3.2 | 3         |
| 63 | Genomic characterization of an emerging Enterobacteriaceae species: the first case of co-infection with a typical pathogen in a human patient. <i>BMC Genomics</i> , 2020, 21, 297.   | 1.2 | 3         |
| 64 | Complete sequences of two new KPC-harboring plasmids in <i>Klebsiella pneumoniae</i> ST11 strains in China. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 114-120.  | 0.9 | 3         |
| 65 | Admission lysophosphatidylethanolamine acyltransferase level predicts the severity and prognosis of community-acquired pneumonia. <i>Infection</i> , 2021, 49, 877-888.   | 2.3 | 3         |
| 66 | A Novel c-Mesenchymal-Epithelial Transition Factor Intergenic Fusion Response to Crizotinib in a Chinese Patient With Lung Adenocarcinoma: A Case Report. <i>Frontiers in Oncology</i> , 2021, 11, 727662.  | 1.3 | 3         |
| 67 | Investigation of the impact of SARS-CoV infection on the immunologic status and lung function after 15 years. <i>BMC Infectious Diseases</i> , 2021, 21, 1183.  | 1.3 | 3         |
| 68 | Clinical status and its associated early warning per emerging infectious respiratory disease in China. <i>Chinese Medical Journal</i> , 2014, 127, 3043-5.  | 0.9 | 3         |
| 69 | Continuous hypoxia reduces the concentration of streptomycin in the blood. <i>BMC Infectious Diseases</i> , 2018, 18, 120.  | 1.3 | 2         |
| 70 | Roles of host small RNAs in the evolution and host tropism of coronaviruses. <i>Briefings in Bioinformatics</i> , 2021, 22, 1096-1105.  | 3.2 | 2         |
| 71 | Risk factors of prolonged ventilation after thymectomy in thymoma myasthenia gravis patients. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 275.   | 0.4 | 2         |
| 72 | 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. <i>Frontiers in Psychology</i> , 2021, 12, 553234.                  | 1.1 | 2         |

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|----|---|-----|-----------|
| 73 | 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. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 768993. | 1.8 | 2         |
| 74 | Identification of <i>Klebsiella pneumoniae</i> strains harboring inactive extended-spectrum beta-lactamase antibiotic-resistance genes. <i>Chinese Medical Journal</i> , 2014, 127, 3051-7.   | 0.9 | 2         |
| 75 | Targeted lipidomics reveals phospholipids and lysophospholipids as biomarkers for evaluating community-acquired pneumonia. <i>Annals of Translational Medicine</i> , 2022, 10, 395-395.   | 0.7 | 2         |
| 76 | Predictive and Prognostic Utility of the Serum Level of Resistin-Like Molecule Beta for Risk Stratification in Patients with Community-Acquired Pneumonia. <i>Pathogens</i> , 2021, 10, 122.  | 1.2 | 1         |
| 77 | Prognostic Value of Histidine-Rich Glycoprotein for Community-Acquired Pneumonia. <i>Disease Markers</i> , 2022, 2022, 1-9.   | 0.6 | 1         |
| 78 | Inhibition of allergic responsiveness in a murine asthma model via IFN-gamma transgene expression. <i>Chinese Medical Journal</i> , 2002, 115, 1470-4.  | 0.9 | 1         |