

# Xin-Xin Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83

papers

14,565

citations

22

h-index

90

g-index

90

ext. papers

18,201

ext. citations

9.4

avg, IF

7.2

L-index

#	Paper	IF	Citations
83	Reduced sensitivity of SARS-CoV-2 Omicron variant to antibody neutralization elicited by booster vaccination.. <i>Cell Discovery</i> , <b>2022</b> , 8, 4	22.3	11
82	Protective Role of Rheumatic Diseases Against Hepatitis B Virus Infection and Human Leukocyte Antigen B27 Highlighted.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 814423	4.9	1
81	Early assessment of the safety and immunogenicity of a third dose (booster) of COVID-19 immunization in Chinese adults.. <i>Frontiers of Medicine</i> , <b>2022</b> , 16, 93	12	4
80	SARS-CoV-2 vaccine research and immunization strategies for improved control of the COVID-19 pandemic.. <i>Frontiers of Medicine</i> , <b>2022</b> , 1	12	1
79	A missing piece of the puzzle in pulmonary fibrosis: anoikis resistance promotes fibroblast activation.. <i>Cell and Bioscience</i> , <b>2022</b> , 12, 21	9.8	0
78	Neutralizing activity of BBIBP-CoV vaccine-elicited sera against Beta, Delta and other SARS-CoV-2 variants of concern.. <i>Nature Communications</i> , <b>2022</b> , 13, 1788	17.4	3
77	Genetic testing of UGT1A1 in the diagnosis of Gilbert syndrome: The discovery of seven novel variants in the Chinese population.. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2022</b> , e1958	2.3	2
76	Shanghai's life-saving efforts against the current omicron wave of the COVID-19 pandemic.. <i>Lancet, The</i> , <b>2022</b> ,	40	9
75	Hepatitis B virus middle surface antigen loss promotes clinical variant persistence in mouse models. <i>Virulence</i> , <b>2021</b> , 12, 2868-2882	4.7	
74	Surfaceome CRISPR screen identifies OLFML3 as a rhinovirus-inducible IFN antagonist. <i>Genome Biology</i> , <b>2021</b> , 22, 297	18.3	2
73	Quality Management for Point-Of-Care Testing of Pathogen Nucleic Acids: Chinese Expert Consensus. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 755508	5.9	1
72	The Occurrence of rtA194T Mutant After Long-Term Lamivudine Monotherapy Remains Sensitive to Tenofovir Disoproxil Fumarate: A Case Report. <i>Infection and Drug Resistance</i> , <b>2021</b> , 14, 1013-1017	4.2	0
71	Congenital dyserythropoietic anemia and drug-induced liver injury present as bland cholestasis: A case report. <i>Experimental and Therapeutic Medicine</i> , <b>2021</b> , 21, 456	2.1	1
70	A Novel Intragenic Deletion Identified by NGS in a BHDS Family and Literature Review. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 636900	4.5	3
69	Serum Levels of ITGBL1 as an Early Diagnostic Biomarker for Hepatocellular Carcinoma with Hepatitis B Virus Infection. <i>Journal of Hepatocellular Carcinoma</i> , <b>2021</b> , 8, 285-300	5.3	2
68	Prognostic value of anti-HBc quantification in hepatitis B virus related acute-on-chronic liver failure. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2021</b> , 36, 1291-1299	4	3
67	Characterization of antibody responses to SARS-CoV-2 in convalescent COVID-19 patients. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 2227-2233	19.7	34

66	Serum Glycocholic Acid-to-Total Bile Acid Ratio Is Independently Associated with Nonalcoholic Fatty Liver Disease: A Retrospective Cross-Sectional Study. <i>BioMed Research International</i> , <b>2021</b> , 2021, 1-10	3	1
65	Twelve-month specific IgG response to SARS-CoV-2 receptor-binding domain among COVID-19 convalescent plasma donors in Wuhan. <i>Nature Communications</i> , <b>2021</b> , 12, 4144	17.4	21
64	Peg-interferon alpha add-on Tenofovir disoproxil fumarate achieved more HBsAg loss in HBeAg-positive chronic hepatitis B naïve patients. <i>Journal of Viral Hepatitis</i> , <b>2021</b> , 28, 1381-1391	3.4	0
63	The Chinese Society of Hepatology position statement on the redefinition of fatty liver disease. <i>Journal of Hepatology</i> , <b>2021</b> , 75, 454-461	13.4	22
62	Inactivated SARS-CoV-2 vaccine does not influence the profile of prothrombotic antibody nor increase the risk of thrombosis in a prospective Chinese cohort. <i>Science Bulletin</i> , <b>2021</b> , 66, 2312-2319	10.6	10
61	Viral quasispecies quantitative analysis: a novel approach for appraising the immune tolerant phase of chronic hepatitis B virus infection. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 842-851	18.9	1
60	Ursodeoxycholic Acid Treatment Restores Gut Microbiota and Alleviates Liver Inflammation in Non-Alcoholic Steatohepatic Mouse Model. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 788558	5.6	3
59	An integrated software for virus community sequencing data analysis. <i>BMC Genomics</i> , <b>2020</b> , 21, 363	4.5	2
58	Reply to Kesici et al. and Zeng et al.: Blocking the virus and reducing the inflammatory damage in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 12529-12530	11.5	23
57	Estimation of reproduction numbers of COVID-19 in typical countries and epidemic trends under different prevention and control scenarios. <i>Frontiers of Medicine</i> , <b>2020</b> , 14, 613-622	12	24
56	ITGBL1 promotes cell migration and invasion through stimulating the TGF- $\beta$ signalling pathway in hepatocellular carcinoma. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12836	7.9	14
55	Comparison of Serum Hepatitis B Virus RNA Levels and Quasispecies Evolution Patterns between Entecavir and Pegylated-Interferon Mono-treatment in Chronic Hepatitis B Patients. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	2
54	Coronavirus disease 2019 (COVID-19): a clinical update. <i>Frontiers of Medicine</i> , <b>2020</b> , 14, 126-135	12	211
53	Effectiveness of convalescent plasma therapy in severe COVID-19 patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 9490-9496	11.5	1234
52	Retrospective detection of SARS-CoV-2 in hospitalized patients with influenza-like illness. <i>Emerging Microbes and Infections</i> , <b>2020</b> , 9, 1470-1473	18.9	4
51	Alveolar macrophage dysfunction and cytokine storm in the pathogenesis of two severe COVID-19 patients. <i>EBioMedicine</i> , <b>2020</b> , 57, 102833	8.8	186
50	Phase-adjusted estimation of the number of Coronavirus Disease 2019 cases in Wuhan, China. <i>Cell Discovery</i> , <b>2020</b> , 6, 10	22.3	256
49	Epidemiological and clinical characteristics of 99 cases of 2019 novel coronavirus pneumonia in Wuhan, China: a descriptive study. <i>Lancet, The</i> , <b>2020</b> , 395, 507-513	40	11356

48	Phase- and epidemic region-adjusted estimation of the number of coronavirus disease 2019 cases in China. <i>Frontiers of Medicine</i> , <b>2020</b> , 14, 199-209	12	9
47	Variations in SARS-CoV-2 Spike Protein Cell Epitopes and Glycosylation Profiles During Global Transmission Course of COVID-19. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 565278	8.4	28
46	A CRISPR-Cas12a-based specific enhancer for more sensitive detection of SARS-CoV-2 infection. <i>EBioMedicine</i> , <b>2020</b> , 61, 103036	8.8	22
45	Epidemiological and clinical characteristics of three family clusters of COVID-19 transmitted by latent patients in China. <i>Epidemiology and Infection</i> , <b>2020</b> , 148, e137	4.3	5
44	OPN is a promising serological biomarker for hepatocellular carcinoma diagnosis. <i>Journal of Medical Virology</i> , <b>2020</b> , 92, 3596	19.7	18
43	Tandem Mass Tag-based quantitative proteomics analysis of metabolic associated fatty liver disease induced by high fat diet in mice. <i>Nutrition and Metabolism</i> , <b>2020</b> , 17, 97	4.6	3
42	Sensitivity and specificity of SARS-CoV-2 S1 subunit in COVID-19 serology assays. <i>Cell Discovery</i> , <b>2020</b> , 6, 75	22.3	19
41	Variants in STAT4 Associated With Cure of Chronic HBV Infection in HBeAg-positive Patients Treated With Pegylated Interferon-alpha. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 196-204.e8	6.9	7
40	A blood-based 22-gene expression signature for hepatocellular carcinoma identification. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 195	3.2	2
39	Comparison of Naturally Occurring Resistance-Associated Substitutions Between 2008 and 2016 in Chinese Patients with Chronic Hepatitis C Virus Infection. <i>Microbial Drug Resistance</i> , <b>2019</b> , 25, 944-950	2.9	10
38	Evaluation of optic canal anatomy and symmetry using CT. <i>BMJ Open Ophthalmology</i> , <b>2019</b> , 4, e000302	3.2	4
37	Hepatitis C screening in hospitals: find the missing patients. <i>Virology Journal</i> , <b>2019</b> , 16, 47	6.1	8
36	Long-term efficacy and safety of tenofovir disoproxil fumarate in Chinese patients with chronic hepatitis B: 5-year results. <i>Hepatology International</i> , <b>2019</b> , 13, 260-269	8.8	10
35	Liver Stiffness Measurement Can Reflect the Active Liver Necroinflammation in Population with Chronic Liver Disease: A Real-world Evidence Study. <i>Journal of Clinical and Translational Hepatology</i> , <b>2019</b> , 7, 313-321	5.2	2
34	Clinical Features Predicting Mortality Risk in Patients With Viral Pneumonia: The MuLBSTA Score. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2752	5.7	242
33	Serum M2BPGi level is a novel predictive biomarker for the responses to pegylated interferon- $\alpha$ treatment in HBeAg-positive chronic hepatitis B patients. <i>Journal of Medical Virology</i> , <b>2018</b> , 90, 721-729	19.7	7
32	Differentially Expressed Intrahepatic Genes Contribute to Control of Hepatitis B Virus Replication in the Inactive Carrier Phase. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 217, 1044-1054	7	18
31	Genome-wide characterization of the seasonal H3N2 virus in Shanghai reveals natural temperature-sensitive strains conferred by the I668V mutation in the PA subunit. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 171	18.9	2

30	Serum WFA -M2BP levels for evaluation of early stages of liver fibrosis in patients with chronic hepatitis B virus infection. <i>Liver International</i> , <b>2017</b> , 37, 35-44	7.9	50
29	Characterization of gene expression profiles in HBV-related liver fibrosis patients and identification of ITGBL1 as a key regulator of fibrogenesis. <i>Scientific Reports</i> , <b>2017</b> , 7, 43446	4.9	42
28	Prognostic Biomarker Identification Through Integrating the Gene Signatures of Hepatocellular Carcinoma Properties. <i>EBioMedicine</i> , <b>2017</b> , 19, 18-30	8.8	34
27	Clinical features and viral quasispecies characteristics associated with infection by the hepatitis B virus G145R immune escape mutant. <i>Emerging Microbes and Infections</i> , <b>2017</b> , 6, e15	18.9	12
26	Predictive model for inflammation grades of chronic hepatitis B: Large-scale analysis of clinical parameters and gene expressions. <i>Liver International</i> , <b>2017</b> , 37, 1632-1641	7.9	31
25	Circulating miR-210 and miR-22 combined with ALT predict the virological response to interferon-alpha therapy of CHB patients. <i>Scientific Reports</i> , <b>2017</b> , 7, 15658	4.9	11
24	A comparative study on the characterization of hepatitis B virus quasispecies by clone-based sequencing and third-generation sequencing. <i>Emerging Microbes and Infections</i> , <b>2017</b> , 6, e100	18.9	10
23	Comparison of Detection Rate and Mutational Pattern of Drug-Resistant Mutations Between a Large Cohort of Genotype B and Genotype C Hepatitis B Virus-Infected Patients in North China. <i>Microbial Drug Resistance</i> , <b>2017</b> , 23, 516-522	2.9	11
22	Next generation sequencing identified novel heterozygous nonsense mutation in gene associated with retinitis pigmentosa in a Chinese patient. <i>Oncotarget</i> , <b>2017</b> , 8, 88345-88350	3.3	2
21	Efficient Inhibition of Hepatitis B Virus Infection by a preS1-binding Peptide. <i>Scientific Reports</i> , <b>2016</b> , 6, 29391	4.9	10
20	Characteristics of CpG Islands and their quasispecies of full-length hepatitis B virus genomes from patients at different phases of infection. <i>SpringerPlus</i> , <b>2016</b> , 5, 1630		2
19	Characterization of Full-Length Genomes of Hepatitis B Virus Quasispecies in Sera of Patients at Different Phases of Infection. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 2203-14	9.7	22
18	Quantitative hepatitis B surface antigen combined with hepatitis B e antigen as sustained virological response predictors during extended therapy with Peginterferon alfa-2a for hepatitis B e antigen-positive chronic hepatitis B. <i>Journal of Clinical Virology</i> , <b>2015</b> , 72, 88-94	14.5	1
17	Hepatitis B virus core protein sensitizes hepatocytes to tumor necrosis factor-induced apoptosis by suppression of the phosphorylation of mitogen-activated protein kinase kinase 7. <i>Journal of Virology</i> , <b>2015</b> , 89, 2041-51	6.6	31
16	Biodegradable mesoporous calcium-magnesium silicate-polybutylene succinate scaffolds for osseous tissue engineering. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 6699-708	7.3	15
15	N-glycosylation mutations within hepatitis B virus surface major hydrophilic region contribute mostly to immune escape. <i>Journal of Hepatology</i> , <b>2014</b> , 60, 515-22	13.4	59
14	Recombinant covalently closed circular hepatitis B virus DNA induces prolonged viral persistence in immunocompetent mice. <i>Journal of Virology</i> , <b>2014</b> , 88, 8045-56	6.6	55
13	LECT-Hepa facilitates estimating treatment outcome during interferon therapy in chronic hepatitis C patients. <i>Clinical Proteomics</i> , <b>2014</b> , 11, 44	5	1

12	A novel homozygous no-stop mutation in G6PC gene from a Chinese patient with glycogen storage disease type Ia. <i>Gene</i> , <b>2014</b> , 536, 362-5	3.8	6
11	Comparison of circulating, hepatocyte specific messenger RNA and microRNA as biomarkers for chronic hepatitis B and C. <i>PLoS ONE</i> , <b>2014</b> , 9, e92112	3.7	21
10	Comparison of next-generation sequencing and clone-based sequencing in analysis of hepatitis B virus reverse transcriptase quasispecies heterogeneity. <i>Journal of Clinical Microbiology</i> , <b>2013</b> , 51, 4087-94	3.7	33
9	Early serum hepatitis B virus large surface protein level: a stronger predictor of virological response to peginterferon alfa-2a than that to entecavir in HBeAg-positive patients with chronic hepatitis B. <i>Journal of Clinical Virology</i> , <b>2013</b> , 57, 318-22	14.5	12
8	Evolutionary patterns of hepatitis B virus quasispecies under different selective pressures: correlation with antiviral efficacy. <i>Gut</i> , <b>2011</b> , 60, 1269-77	19.2	63
7	Early changes of hepatitis B virus quasispecies during lamivudine treatment and the correlation with antiviral efficacy. <i>Journal of Hepatology</i> , <b>2009</b> , 50, 895-905	13.4	56
6	Evolution of wild type and mutants of the YMDD motif of hepatitis B virus polymerase during lamivudine therapy. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2003</b> , 18, 1353-7	4	10
5	Effect of multiple mutations in the core promoter and pre-core/core region of hepatitis B virus genome on the response to interferon in e antigen-positive chronic hepatitis B. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2001</b> , 16, 393-8	4	6
4	Expression, purification, immunological characterization and application of Escherichia coli-derived hepatitis C virus E2 proteins. <i>Biotechnology and Applied Biochemistry</i> , <b>2001</b> , 34, 109-19	2.8	14
3	Aveolar Macrophage Activation and Cytokine Storm in the Pathogenesis of Severe COVID-19		33
2	Phase-adjusted estimation of the number of Coronavirus Disease 2019 cases in Wuhan, China		3
1	The feasibility of convalescent plasma therapy in severe COVID-19 patients: a pilot study		43