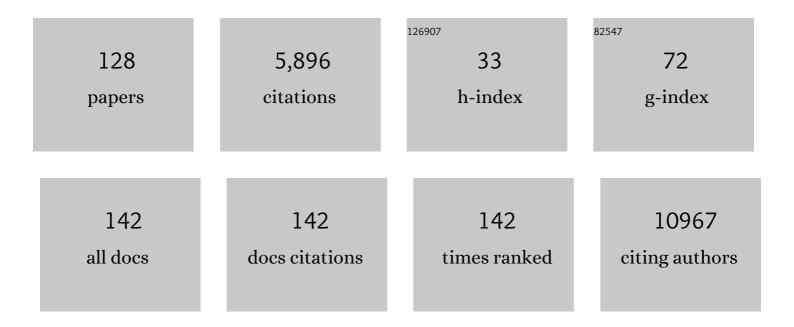
Shengxiang Ge

List of Publications by Year in descending order

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SHENCYLANC GE

#	Article	IF	CITATIONS
1	Nucleic Acid Testing for Coronavirus Disease 2019: Demand, Research Progression, and Perspective. Critical Reviews in Analytical Chemistry, 2022, 52, 413-424.	3.5	25
2	Persisting lung pathogenesis and minimum residual virus in hamster after acute COVID-19. Protein and Cell, 2022, 13, 72-77.	11.0	6
3	An encodable multiplex microsphere-phase amplification sensing platform detects SARS-CoV-2 mutations. Biosensors and Bioelectronics, 2022, 203, 114032.	10.1	7
4	A hand-held, real-time, Al-assisted capillary convection PCR system for point-of-care diagnosis of African swine fever virus. Sensors and Actuators B: Chemical, 2022, 358, 131476.	7.8	6
5	Establishment of Sandwich ELISA for Quality Control in Rotavirus Vaccine Production. Vaccines, 2022, 10, 243.	4.4	2
6	Development of a fluorescent probe hydrolysis-insulated isothermal PCR for rapid and sensitive on-site detection of African swine fever virus. Virologica Sinica, 2022, 37, 462-464.	3.0	4
7	Pre-existing maternal IgG antibodies as a protective factor against congenital cytomegalovirus infection: A mother-child prospective cohort study. EBioMedicine, 2022, 77, 103885.	6.1	5
8	Characterization of Monoclonal Antibodies Recognizing Citrulline-Modified Residues. Frontiers in Immunology, 2022, 13, 849779.	4.8	0
9	Whole blood GBP5 protein levels in patients with and without active tuberculosis. BMC Infectious Diseases, 2022, 22, 328.	2.9	4
10	A genetic engineering strategy for editing near-infrared-II fluorophores. Nature Communications, 2022, 13, .	12.8	33
11	New discovery of high-affinity SARS-CoV-2 spike S2 protein binding peptide selected by PhIP-Seq. Virologica Sinica, 2022, 37, 758-761.	3.0	0
12	An Integrated, Real-Time Convective PCR System for Isolation, Amplification, and Detection of Nucleic Acids. Chemosensors, 2022, 10, 271.	3.6	4
13	Gender associates with both susceptibility to infection and pathogenesis of SARS-CoV-2 in Syrian hamster. Signal Transduction and Targeted Therapy, 2021, 6, 136.	17.1	57
14	Sporadic hand, foot, and mouth disease cases associated with non-C4 enterovirus 71 strains in Xiamen, China, from 2009 to 2018. Archives of Virology, 2021, 166, 2263-2266.	2.1	1
15	A Novel Clustering Method Using Variational Autoencoder with Reliable Sample Decision and Balanced K-Means++ for Single-particle Cryo-EM Images. , 2021, , .		0
16	Elimination of human cytomegalovirus DNA degradation in urine. Journal of Medical Virology, 2021, 93, 5033-5039.	5.0	6
17	Methylation of CYP1A1 and VKORC1 promoter associated with stable dosage of warfarin in Chinese patients. PeerJ, 2021, 9, e11549.	2.0	7
18	Comparison of detection strategies for screening and confirming congenital cytomegalovirus infection in newborns in a highly seroprevalent population: a mother-child cohort study. The Lancet Regional Health - Western Pacific, 2021, 12, 100182.	2.9	13

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19	Accurate nucleic acid quantification in a single sample tube without the need for calibration. Analytica Chimica Acta, 2021, 1167, 338599.	5.4	1
20	Efficient intracellular delivery of proteins by a multifunctional chimaeric peptide in vitro and in vivo. Nature Communications, 2021, 12, 5131.	12.8	44
21	Rapid PCR powered by microfluidics: A quick review under the background of COVID-19 pandemic. TrAC - Trends in Analytical Chemistry, 2021, 143, 116377.	11.4	65
22	Transferable, easy-to-use and room-temperature-storable PCR mixes for microfluidic molecular diagnostics. Talanta, 2021, 235, 122797.	5.5	4
23	Maternal CMV seroprevalence rate in early gestation and congenital cytomegalovirus infection in a Chinese population. Emerging Microbes and Infections, 2021, 10, 1824-1831.	6.5	13
24	A novel point-of-care test of respiratory syncytial viral RNA based on cellulose-based purification and convective PCR. Clinica Chimica Acta, 2020, 511, 154-159.	1.1	3
25	Reply to Nagappa and Marimuthu. Clinical Infectious Diseases, 2020, 71, 3016-3017.	5.8	0
26	Free convective PCR: From principle study to commercial applications—A critical review. Analytica Chimica Acta, 2020, 1108, 177-197.	5.4	27
27	Methods Favoring Homology-Directed Repair Choice in Response to CRISPR/Cas9 Induced-Double Strand Breaks. International Journal of Molecular Sciences, 2020, 21, 6461.	4.1	109
28	Molecular characterization of an uncommon multigene Reassortant G1P[4] rotavirus identified in China. Infection, Genetics and Evolution, 2020, 85, 104413.	2.3	2
29	Heat inactivation decreases the qualitative real-time RT-PCR detection rates of clinical samples with high cycle threshold values in COVID-19. Diagnostic Microbiology and Infectious Disease, 2020, 98, 115109.	1.8	24
30	Antibody Responses to SARS-CoV-2 in Patients With Novel Coronavirus Disease 2019. Clinical Infectious Diseases, 2020, 71, 2027-2034.	5.8	2,214
31	Room-temperature-storable PCR mixes for SARS-CoV-2 detection. Clinical Biochemistry, 2020, 84, 73-78.	1.9	19
32	Molecular epidemiology of group A rotavirus in outpatient diarrhea infants and children in Chongqing, China, 2011â€2015. Journal of Medical Virology, 2019, 91, 1788-1796.	5.0	9
33	An efficient isothermal PCR method for on-site detection of nucleic acid. BioTechniques, 2019, 67, 63-69.	1.8	3
34	The distinct impact of maternal antibodies on the immunogenicity of live and recombinant rotavirus vaccines. Vaccine, 2019, 37, 4061-4067.	3.8	7
35	A point of care platform based on microfluidic chip for nucleic acid extraction in less than 1 minute. Biomicrofluidics, 2019, 13, 034102.	2.4	14
36	Transcriptional response of USP18 predicts treatment outcomes of interferonâ€alpha in HBeAgâ€positive chronic hepatitis B patientsefere. Journal of Viral Hepatitis, 2019, 26, 1050-1058.	2.0	2

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37	Intermittent abortive reactivation of Epstein-Barr virus during the progression of nasopharyngeal cancer as indicated by elevated antibody levels. Oral Oncology, 2019, 93, 85-90.	1.5	14
38	Real-time capillary convective PCR based on horizontal thermal convection. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	19
39	An HRPâ€labeled lateral flow immunoassay for rapid simultaneous detection and differentiation of influenza A and B viruses. Journal of Medical Virology, 2019, 91, 503-507.	5.0	14
40	Development and evaluation of a rapid point-of-care test for detecting the hepatitis E virus antigen. Clinical Biochemistry, 2018, 55, 89-92.	1.9	4
41	Establishment and validation of a twoâ€step screening scheme for improved performance of serological screening of nasopharyngeal carcinoma. Cancer Medicine, 2018, 7, 1458-1467.	2.8	14
42	A Rapid On-Site Assay for the Detection of Influenza A by Capillary Convective PCR. Molecular Diagnosis and Therapy, 2018, 22, 225-234.	3.8	8
43	Rapid enumeration of CD4 + T lymphocytes using an integrated microfluidic system based on Chemiluminescence image detection at point-of-care testing. Biomedical Microdevices, 2018, 20, 15.	2.8	10
44	Serological survey of neutralizing antibodies to eight major enteroviruses among healthy population. Emerging Microbes and Infections, 2018, 7, 1-15.	6.5	33
45	Cytomegalovirus Shedding in Healthy Seropositive Female College Students: A 6-Month Longitudinal Study. Journal of Infectious Diseases, 2018, 217, 1069-1073.	4.0	19
46	An emerging and expanding clade accounts for the persistent outbreak of Coxsackievirus A6-associated hand, foot, and mouth disease in China since 2013. Virology, 2018, 518, 328-334.	2.4	16
47	Expression and characterization of a novel truncated rotavirus VP4 for the development of a recombinant rotavirus vaccine. Vaccine, 2018, 36, 2086-2092.	3.8	23
48	A low cost, membranes based serum separator modular. Biomicrofluidics, 2018, 12, 024108.	2.4	7
49	Nonnegative matrix factorization with Hessian regularizer. Pattern Analysis and Applications, 2018, 21, 501-513.	4.6	5
50	A bead-based microfluidic system for joint detection in TORCH screening at point-of-care testing. Microsystem Technologies, 2018, 24, 2007-2015.	2.0	5
51	A Single-Bead-Based, Fully Integrated Microfluidic System for High-Throughput CD4+T Lymphocyte Enumeration. SLAS Technology, 2018, 23, 134-143.	1.9	6
52	Evaluation of a newly developed chemiluminescence immunoassay for detecting cardiac troponin T. Journal of Clinical Laboratory Analysis, 2018, 32, e22311.	2.1	12
53	IL-6 release of Rv0183 antigen-stimulated whole blood is a potential biomarker for active tuberculosis patients. Journal of Infection, 2018, 76, 376-382.	3.3	4
54	An automated microfluidic chemiluminescence immunoassay platform for quantitative detection of biomarkers. Biomedical Microdevices, 2018, 20, 91.	2.8	16

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55	Adiponectin is valuable in the diagnosis of acute heart failure with renal insufficiency. Experimental and Therapeutic Medicine, 2018, 16, 2725-2734.	1.8	4
56	Autoreactive T cells to citrullinated HSP90 are associated with interstitial lung disease in rheumatoid arthritis. International Journal of Rheumatic Diseases, 2018, 21, 1398-1405.	1.9	13
57	Development of multiplex realâ€time reverseâ€transcriptase polymerase chain reaction assay for simultaneous detection of Zika, dengue, yellow fever, and chikungunya viruses in a single tube. Journal of Medical Virology, 2018, 90, 1681-1686.	5.0	29
58	Using MOEA with Redistribution and Consensus Branches to Infer Phylogenies. International Journal of Molecular Sciences, 2018, 19, 62.	4.1	5
59	A Low-Cost and Fast Real-Time PCR System Based on Capillary Convection. SLAS Technology, 2017, 22, 13-17.	1.9	17
60	A smartphone-based point-of-care diagnosis of H1N1 with microfluidic convection PCR. Microsystem Technologies, 2017, 23, 2951-2956.	2.0	43
61	The prevalence of latent tuberculosis infection in rural Jiangsu, China. Public Health, 2017, 146, 39-45.	2.9	15
62	A paper-based microfluidic Dot-ELISA system with smartphone for the detection of influenza A. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	41
63	A Smartphone-Based Genotyping Method for Hepatitis B Virus at Point-of-Care Settings. SLAS Technology, 2017, 22, 122-129.	1.9	12
64	Severe hand, foot and mouth disease associated with Coxsackievirus A10 infections in Xiamen, China in 2015. Journal of Clinical Virology, 2017, 93, 20-24.	3.1	59
65	Epidemics and aetiology of hand, foot and mouth disease in Xiamen, China, from 2008 to 2015. Epidemiology and Infection, 2017, 145, 1865-1874.	2.1	30
66	Characterization and analysis of real-time capillary convective PCR toward commercialization. Biomicrofluidics, 2017, 11, 024103.	2.4	15
67	Rare RET Variant p.D707E in a Chinese Pedigree with Hereditary Medullary Thyroid Carcinoma. Pathobiology, 2017, 84, 152-160.	3.8	1
68	Baseline antibody level may help predict the risk of active human cytomegalovirus infection in a HCMV seropositive population. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 863-868.	2.9	8
69	Instrument-free point-of-care molecular diagnosis of H1N1 based on microfluidic convective PCR. Sensors and Actuators B: Chemical, 2017, 243, 738-744.	7.8	47
70	Centrifugal micropipette-tip with pressure signal readout for portable quantitative detection of myoglobin. Chemical Communications, 2017, 53, 11774-11777.	4.1	18
71	Multiplex analysis of plasma cytokines/chemokines showing different immune responses in active TB patients, latent TB infection and healthy participants. Tuberculosis, 2017, 107, 88-94.	1.9	32
72	Establishment and validation of an enzyme-linked immunosorbent assay for IgG antibody against cytomegalovirus based on pp150 antigen. Journal of Virological Methods, 2017, 240, 21-25.	2.1	10

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73	AB1167â€Autoreactive T cells to citrullinated HSP90 in interstitial lung disease in rheumatoid arthritis. , 2017, , .		0
74	Using a Machine-Learning Approach to Predict Discontinuous Antibody-Specific B-Cell Epitopes. Current Bioinformatics, 2017, 12, .	1.5	5
75	Epidemiologic and etiologic characteristics of hand, foot, and mouth disease in Chongqing, China between 2010 and 2013. Journal of Medical Virology, 2016, 88, 408-416.	5.0	13
76	A fast and low-cost genotyping method for hepatitis B virus based on pattern recognition in point-of-care settings. Scientific Reports, 2016, 6, 28274.	3.3	11
77	A highly specific rapid antigen detection assay for on-site diagnosis of MERS. Journal of Infection, 2016, 73, 82-84.	3.3	39
78	Enzyme-free colorimetric determination of EV71 virus using a 3D-MnO ₂ -PEG nanoflower and 4-MBA-MA-AgNPs. Nanoscale, 2016, 8, 16168-16171.	5.6	16
79	Immunogenicity and protective efficacy of rotavirus VP8 * fused to cholera toxin B subunit in a mouse model. Human Vaccines and Immunotherapeutics, 2016, 12, 2959-2968.	3.3	21
80	Development and evaluation of rapid point-of-care tests for detection of Enterovirus 71 and Coxsackievirus A16 specific immunoglublin M antibodies. Journal of Virological Methods, 2016, 231, 44-47.	2.1	14
81	Evaluation of a novel chemiluminescent microplate enzyme immunoassay for hepatitis B surface antigen detection. Journal of Virological Methods, 2016, 228, 55-59.	2.1	8
82	5-year prospective cluster randomised controlled study of a new nasopharyngeal carcinoma screening programme. Lancet, The, 2015, 386, S4.	13.7	0
83	Development of a quantifiable optical reader for lateral flow immunoassay. , 2015, , .		2
84	Quantitative Hepatitis B Core Antibody Level Is a New Predictor for Treatment Response In HBeAg-positive Chronic Hepatitis B Patients Receiving Peginterferon. Theranostics, 2015, 5, 218-226.	10.0	54
85	Biomarkers of Rheumatoid Arthritis–Associated Interstitial Lung Disease. Arthritis and Rheumatology, 2015, 67, 28-38.	5.6	92
86	The Prevalence of Human T-Lymphotropic Virus Infection among Blood Donors in Southeast China, 2004-2013. PLoS Neglected Tropical Diseases, 2015, 9, e0003685.	3.0	20
87	Evaluation of a domestic interferon-gamma release assay for detecting Mycobacterium tuberculosis infection in China. Tuberculosis, 2015, 95, 523-526.	1.9	6
88	Rapid Fluorescent Lateral-Flow Immunoassay for Hepatitis B Virus Genotyping. Analytical Chemistry, 2015, 87, 5173-5180.	6.5	59
89	Characterization and protective efficacy in an animal model of a novel truncated rotavirus VP8 subunit parenteral vaccine candidate. Vaccine, 2015, 33, 2606-2613.	3.8	24
90	Target cells capture and detection based on a surface plasmon resonance biosensor. Micro and Nano Letters, 2015, 10, 452-455.	1.3	0

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91	Virus-mimetic nanovesicles as a versatile antigen-delivery system. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6129-38.	7.1	118
92	A One-Step, Triplex, Real-Time RT-PCR Assay for the Simultaneous Detection of Enterovirus 71, Coxsackie A16 and Pan-Enterovirus in a Single Tube. PLoS ONE, 2014, 9, e102724.	2.5	22
93	Comparison of Three Luminescent Immunoassays for Hepatitis B Virus Surface Antigen Quantification during the Natural History of Chronic Hepatitis B Virus Infection. Vaccine Journal, 2014, 21, 1521-1527.	3.1	4
94	POINT-OF-CARE TEST FOR C-REACTIVE PROTEIN BY A FLUORESCENCE-BASED LATERAL FLOW IMMUNOASSAY. Instrumentation Science and Technology, 2014, 42, 635-645.	1.8	13
95	Development of an enzyme-linked immunospot assay for determination of rotavirus infectivity. Journal of Virological Methods, 2014, 209, 7-14.	2.1	15
96	Improved characteristics and protective efficacy in an animal model of E. coli-derived recombinant double-layered rotavirus virus-like particles. Vaccine, 2014, 32, 1921-1931.	3.8	34
97	P1086 QUANTITATIVE HEPATITIS B CORE ANTIBODY LEVEL IS A NEW BASELINE PREDICTOR FOR TREATMENT RESPONSE IN HBeAg-POSITIVE CHRONIC HEPATITIS B PATIENTS RECEIVING PEGINTERFERON THERAPY. Journal of Hepatology, 2014, 60, S439.	3.7	0
98	A Convenient Nucleic Acid Test on the Basis of the Capillary Convective PCR for the On-Site Detection of Enterovirus 71. Journal of Molecular Diagnostics, 2014, 16, 452-458.	2.8	19
99	An assessment of hepatitis <scp>E</scp> virus (HEV) in <scp>US</scp> blood donors and recipients: no detectable <scp>HEV RNA</scp> in 1939 donors tested and no evidence for <scp>HEV</scp> transmission to 362 prospectively followed recipients. Transfusion, 2013, 53, 2505-2511.	1.6	95
100	Serum miR-483-5p as a potential biomarker to detect hepatocellular carcinoma. Hepatology International, 2013, 7, 199-207.	4.2	24
101	Specific primer amplification of the VP1 region directed by 5′ UTR sequence analysis: Enterovirus testing and identification in clinical samples from hand-foot-and-mouth disease patients. Journal of Virological Methods, 2013, 193, 463-469.	2.1	42
102	A one-step dipstick assay for the on-site detection of nucleic acid. Clinical Biochemistry, 2013, 46, 1852-1856.	1.9	13
103	Antigenic analysis of divergent genotypes human Enterovirus 71 viruses by a panel of neutralizing monoclonal antibodies: Current genotyping of EV71 does not reflect their antigenicity. Vaccine, 2013, 31, 425-430.	3.8	41
104	Hepatitis B Virus Surface Antigen (HBsAg)-Positive and HBsAg-Negative Hepatitis B Virus Infection among Mother-Teenager Pairs 13 Years after Neonatal Hepatitis B Virus Vaccination. Vaccine Journal, 2013, 20, 269-275.	3.1	10
105	Quantitative hepatitis B core antibody level may help predict treatment response in chronic hepatitis B patients. Gut, 2013, 62, 182.2-184.	12.1	67
106	Acetylcholinesterase atalyzed Hydrolysis Allows Ultrasensitive Detection of Pathogens with the Naked Eye. Angewandte Chemie - International Edition, 2013, 52, 14065-14069.	13.8	123
107	Influence of mutations in hepatitis B virus surface protein on viral antigenicity and phenotype in occult HBV strains from blood donors. Journal of Hepatology, 2012, 57, 720-729.	3.7	158
108	Evaluation of human enterovirus 71 and coxsackievirus A16 specific immunoglobulin M antibodies for diagnosis of hand-foot-and-mouth disease. Virology Journal, 2012, 9, 12.	3.4	17

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109	Structural and biophysical characterization of Mycobacterium tuberculosis dodecin Rv1498A. Journal of Structural Biology, 2011, 175, 31-38.	2.8	13
110	Differential diagnosis of pandemic (H1N1) 2009 infection by detection of haemagglutinin with an enzyme-linked immunoassay. Clinical Microbiology and Infection, 2011, 17, 1574-1580.	6.0	16
111	Development of an IgM-capture ELISA for Coxsackievirus A16 infection. Journal of Virological Methods, 2011, 171, 107-110.	2.1	18
112	Clinical characteristics and risk factors of sporadic Hepatitis E in central China. Virology Journal, 2011, 8, 152.	3.4	35
113	A rapid test for the detection of influenza A virus including pandemic influenza A/H1N1 2009. Journal of Virological Methods, 2010, 167, 100-102.	2.1	19
114	A novel immunoassay for PreS1 and/or core-related antigens for detection of HBsAg variants. Journal of Virological Methods, 2010, 168, 108-113.	2.1	17
115	Molecular and Phylogenetic Analyses Suggest an Additional Hepatitis B Virus Genotype "l― PLoS ONE, 2010, 5, e9297.	2.5	123
116	Performance of Detecting IgM Antibodies against Enterovirus 71 for Early Diagnosis. PLoS ONE, 2010, 5, e11388.	2.5	44
117	Novel Double-Antigen Sandwich Immunoassay for Human Hepatitis B Core Antibody. Vaccine Journal, 2010, 17, 464-469.	3.1	77
118	Prevalence of Hepatitis E Virus in Chinese Blood Donors. Journal of Clinical Microbiology, 2010, 48, 317-318.	3.9	96
119	Molecular Characteristics of Occult Hepatitis B Virus from Blood Donors in Southeast China. Journal of Clinical Microbiology, 2010, 48, 357-362.	3.9	64
120	Clinical Significance of Anti-HEV IgA in Diagnosis of Acute Genotype 4 Hepatitis E Virus Infection Negative for Anti-HEV IgM. Digestive Diseases and Sciences, 2009, 54, 2512-8.	2.3	36
121	Randomized-controlled phase II clinical trial of a bacterially expressed recombinant hepatitis E vaccine. Vaccine, 2009, 27, 1869-1874.	3.8	113
122	Evaluation of a rapid test for detection of H5N1 avian influenza virus. Journal of Virological Methods, 2008, 154, 213-215.	2.1	21
123	Seroprevalence of Hepatitis E Virus Infection, Rural Southern People's Republic of China. Emerging Infectious Diseases, 2006, 12, 1682-1688.	4.3	117
124	Swine as a Principal Reservoir of Hepatitis E Virus That Infects Humans in Eastern China. Journal of Infectious Diseases, 2006, 193, 1643-1649.	4.0	116
125	A bacterially expressed particulate hepatitis E vaccine: antigenicity, immunogenicity and protectivity on primates. Vaccine, 2005, 23, 2893-2901.	3.8	204
126	Analysis of hepatitis E virus neutralization sites using monoclonal antibodies directed against a virus capsid protein. Vaccine, 2005, 23, 2881-2892.	3.8	82

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127	Transfusion of plasma from a blood donor induced hepatitis E in Rhesus monkey. Vox Sanguinis, 2004, 86, 45-47.	1.5	26
128	Evaluation of antibodyâ€based and nucleic acidâ€based assays for diagnosis of hepatitis E virus infection in a rhesus monkey model. Journal of Medical Virology, 2003, 71, 518-526.	5.0	81