Yi-Wei Tang

List of Publications by Year
in descending order

273	15,094	25034	23533
papers	citations	57 h-index	111 g-index

280	280	280	20703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Outbreak of pneumonia of unknown etiology in Wuhan, China: The mystery and the miracle. Journal of Medical Virology, 2020, 92, 401-402.	5.0	2,395
2	Laboratory Diagnosis of COVID-19: Current Issues and Challenges. Journal of Clinical Microbiology, 2020, 58, .	3.9	953
3	Laboratory diagnosis of emerging human coronavirus infections â€“ the state of the art. Emerging Microbes and Infections, 2020, 9, 747-756.	6.5	612
4	Overdiagnosis ofClostridium difficileInfection in the Molecular Test Era. JAMA Internal Medicine, 2015, 175, 1792.	5.1	477
5	Basic Concepts of Microarrays and Potential Applications in Clinical Microbiology. Clinical Microbiology Reviews, 2009, 22, 611-633.	13.6	338
6	Herpesvirus DNA Is Consistently Detected in Lungs of Patients with Idiopathic Pulmonary Fibrosis. Journal of Clinical Microbiology, 2003, 41, 2633-2640.	3.9	276
7	Molecular diagnostics of infectious diseases. Clinical Chemistry, 1997, 43, 2021-2038.	3.2	251
8	Comparison of Phenotypic and Genotypic Techniques for Identification of Unusual Aerobic Pathogenic Gram-Negative Bacilli. Journal of Clinical Microbiology, 1998, 36, 3674-3679.	3.9	243
9	Emergence of the mcr-1 colistin resistance gene in carbapenem-resistant Enterobacteriaceae. Lancet Infectious Diseases, The, 2016, 16, 287-288.	9.1	209
10	Detection of Medically Important Ehrlichia by Quantitative Multicolor TaqMan Real-Time Polymerase Chain Reaction of the dsb Gene. Journal of Molecular Diagnostics, 2005, 7, 504-510.	2.8	192
11	Update on Antimicrobial Resistance in Clostridium difficile: Resistance Mechanisms and Antimicrobial Susceptibility Testing. Journal of Clinical Microbiology, 2017, 55, 1998-2008.	3.9	191
12	Multicenter Clinical and Molecular Epidemiological Analysis of Bacteremia Due to Carbapenem-Resistant Enterobacteriaceae (CRE) in the CRE Epicenter of the United States. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	178
13	Simultaneous Detection and High-Throughput Identification of a Panel of RNA Viruses Causing Respiratory Tract Infections. Journal of Clinical Microbiology, 2007, 45, 2105-2109.	3.9	173
14	High Rate of Falseâ€Negative Results of the Rectal Swab Culture Method in Detection of Gastrointestinal Colonization with Vancomycinâ€Resistant Enterococci. Clinical Infectious Diseases, 2002, 34, 167-172.	5.8	170
15	New technology for rapid molecular diagnosis of bloodstream infections. Expert Review of Molecular Diagnostics, 2010, 10, 399-415.	3.1	165
16	Prevalence of methicillin-resistant Staphylococcus aureus nasal carriage in the community pediatric population. Pediatric Infectious Disease Journal, 2002, 21, 917-921.	2.0	143
17	Measurement of Human Cytomegalovirus Loads by Quantitative Real-Time PCR for Monitoring Clinical Intervention in Transplant Recipients. Journal of Clinical Microbiology, 2003, 41, 187-191.	3.9	141
18	Complete Sequences of mcr-1 -Harboring Plasmids from Extended-Spectrum-Î²-Lactamase- and Carbapenemase-Producing Enterobacteriaceae. Antimicrobial Agents and Chemotherapy, 2016, 60, 4351-4354.	3.2	139

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19	Multiplex Polymerase Chain Reaction Tests for Detection of Pathogens Associated with Gastroenteritis. Clinics in Laboratory Medicine, 2015, 35, 461-486.	1.4	132
20	Heterogeneity among Isolates Reveals that Fitness in Low Oxygen Correlates with Aspergillus fumigatus Virulence. MBio, 2016, 7, .	4.1	131
21	Comparison of the Luminex xTAG RVP Fast Assay and the Idaho Technology FilmArray RP Assay for Detection of Respiratory Viruses in Pediatric Patients at a Cancer Hospital. Journal of Clinical Microbiology, 2012, 50, 2282-2288.	3.9	117
22	Characteristics of Gut Microbiota in Patients With Rheumatoid Arthritis in Shanghai, China. Frontiers in Cellular and Infection Microbiology, 2019, 9, 369.	3.9	117
23	Distinct Contributions of Neutrophils and CCR2⁺Monocytes to Pulmonary Clearance of Different Klebsiella pneumoniae Strains. Infection and Immunity, 2015, 83, 3418-3427.	2.2	115
24	Accuracy and Impact of a Point-of-Care Rapid Influenza Test in Young Children With Respiratory Illnesses. JAMA Pediatrics, 2006, 160, 713.	3.0	110
25	Evaluation of Alere i Influenza A&B for Rapid Detection of Influenza Viruses A and B. Journal of Clinical Microbiology, 2014, 52, 3339-3344.	3.9	110
26	Improved Identification of Yeast Species Directly from Positive Blood Culture Media by Combining Sepsityper Specimen Processing and Microflex Analysis with the Matrix-Assisted Laser Desorption Ionization Biotyper System. Journal of Clinical Microbiology, 2011, 49, 2528-2532.	3.9	108
27	A rapid and simple isothermal nucleic acid amplification test for detection of herpes simplex virus types 1 and 2. Journal of Clinical Virology, 2011, 50, 26-30.	3.1	106
28	Identification of Coryneform Bacterial Isolates by Ribosomal DNA Sequence Analysis. Journal of Clinical Microbiology, 2000, 38, 1676-1678.	3.9	106
29	Mycobacterium tuberculosis Beijing Lineage Favors the Spread of Multidrug-Resistant Tuberculosis in the Republic of Georgia. Journal of Clinical Microbiology, 2010, 48, 3544-3550.	3.9	102
30	Dual Infections of the Central Nervous System with Epsteinâ€Barr Virus. Journal of Infectious Diseases, 2005, 191, 234-237.	4.0	101
31	Simultaneous Amplification and Identification of 25 Human Papillomavirus Types with Templex Technology. Journal of Clinical Microbiology, 2006, 44, 4157-4162.	3.9	100
32	C. Diff Quik Chek Complete Enzyme Immunoassay Provides a Reliable First-Line Method for Detection of Clostridium difficile in Stool Specimens. Journal of Clinical Microbiology, 2010, 48, 603-605.	3.9	99
33	Near-infrared Raman Microspectroscopy Detects High-risk Human Papillomaviruses. Translational Oncology, 2012, 5, 172-179.	3.7	98
34	Application of Isothermal Helicase-Dependent Amplification with a Disposable Detection Device in a Simple Sensitive Stool Test for Toxigenic Clostridium difficile. Journal of Molecular Diagnostics, 2008, 10, 452-458.	2.8	97
35	Molecular Diagnosis of Herpes Simplex Virus Infections in the Central Nervous System. Journal of Clinical Microbiology, 1999, 37, 2127-2136.	3.9	96
36	Detection of the mcr-1 Colistin Resistance Gene in Carbapenem-Resistant Enterobacteriaceae from Different Hospitals in China. Antimicrobial Agents and Chemotherapy, 2016, 60, 5033-5035.	3.2	92

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37	Advances in the diagnosis and treatment of Clostridium difficile infections. Emerging Microbes and Infections, 2018, 7, 1-13.	6.5	87
38	Molecular Epidemiology of Clostridium difficile Infection in Hospitalized Patients in Eastern China. Journal of Clinical Microbiology, 2017, 55, 801-810.	3.9	86
39	Practical Guidance for Clinical Microbiology Laboratories: Viruses Causing Acute Respiratory Tract Infections. Clinical Microbiology Reviews, 2018, 32, .	13.6	85
40	Macrolide-ResistantMycoplasma pneumoniae, United States1. Emerging Infectious Diseases, 2015, 21, 1470-1472.	4.3	84
41	Assessment of Clostridium difficile Infections by Quantitative Detection of tcdB Toxin by Use of a Real-Time Cell Analysis System. Journal of Clinical Microbiology, 2010, 48, 4129-4134.	3.9	83
42	Fecal bacterial microbiome diversity in chronic HIV-infected patients in China. Emerging Microbes and Infections, 2016, 5, 1-7.	6.5	82
43	Bedside Diagnosis of Influenzavirus Infections in Hospitalized Children. Pediatrics, 2002, 110, 83-88.	2.1	80
44	Mass Spectrometry Biotyper System Identifies Enteric Bacterial Pathogens Directly from Colonies Grown on Selective Stool Culture Media. Journal of Clinical Microbiology, 2010, 48, 3888-3892.	3.9	79
45	Multicenter Evaluation of the ePlex Respiratory Pathogen Panel for the Detection of Viral and Bacterial Respiratory Tract Pathogens in Nasopharyngeal Swabs. Journal of Clinical Microbiology, 2018, 56, .	3.9	77
46	Detection and Identification of Ehrlichia Species in Blood by Use of PCR and Electrospray Ionization Mass Spectrometry. Journal of Clinical Microbiology, 2010, 48, 472-478.	3.9	74
47	Serum MicroRNA Expression Profile Distinguishes Enterovirus 71 and Coxsackievirus 16 Infections in Patients with Hand-Foot-and-Mouth Disease. PLoS ONE, 2011, 6, e27071.	2.5	74
48	Comparative Evaluation of Three Commercial Systems for Nucleic Acid Extraction from Urine Specimens. Journal of Clinical Microbiology, 2005, 43, 4830-4833.	3.9	73
49	Multicenter Comparison of PCR Assays for Detection of Human Herpesvirus 6 DNA in Serum. Journal of Clinical Microbiology, 2008, 46, 2700-2706.	3.9	73
50	Multicenter Evaluation of the Vitek MS v3.0 System for the Identification of Filamentous Fungi. Journal of Clinical Microbiology, 2018, 56, .	3.9	73
51	Direct Identification of Bacteria from Positive Blood Cultures by Amplification and Sequencing of the 16S rRNA Gene: Evaluation of BACTEC 9240 Instrument True- Positive and False-Positive Results. Journal of Clinical Microbiology, 2001, 39, 3578-3582.	3.9	69
52	Identification of Staphylococcus aureus and Determination of Methicillin Resistance Directly from Positive Blood Cultures by Isothermal Amplification and a Disposable Detection Device. Journal of Clinical Microbiology, 2008, 46, 1534-1536.	3.9	68
53	Detection of Severe Fever with Thrombocytopenia Syndrome Virus by Reverse Transcriptionâ€“Cross-Priming Amplification Coupled with Vertical Flow Visualization. Journal of Clinical Microbiology, 2012, 50, 3881-3885.	3.9	68
54	Evaluation of the BioFire FilmArray Respiratory Panel and the GenMark eSensor Respiratory Viral Panel on Lower Respiratory Tract Specimens. Journal of Clinical Microbiology, 2014, 52, 288-290.	3.9	67

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55	Prospective Evaluation of Rapid Antigen Tests for Diagnosis of Respiratory Syncytial Virus and Human Metapneumovirus Infections. Journal of Clinical Microbiology, 2008, 46, 1682-1685.	3.9	66
56	Interleukin 1Î± Is Critical for Resistance against Highly Virulent Aspergillus fumigatus Isolates. Infection and Immunity, 2017, 85, .	2.2	65
57	Multiplex PCR Analysis for Rapid Detection of Klebsiella pneumoniae Carbapenem-Resistant (Sequence) Tj ETQq1 1 0.784314 rgBT /O Microbiology, 2018, 56, .	3.9	64
58	Comparison of Protein A Gene Sequencing with Pulsed-Field Gel Electrophoresis and Epidemiologic Data for Molecular Typing of Methicillin-Resistant Staphylococcus aureus. Journal of Clinical Microbiology, 2000, 38, 1347-1351.	3.9	64
59	Interleukin-4 Diminishes CD8⁺Respiratory Syncytial Virus-Specific Cytotoxic T-Lymphocyte Activity In Vivo. Journal of Virology, 1999, 73, 8944-8949.	3.4	63
60	Urine polymerase chain reaction is not as sensitive as urine antigen for the diagnosis of disseminated histoplasmosis. Diagnostic Microbiology and Infectious Disease, 2006, 54, 283-287.	1.8	58
61	Triplex real-time polymerase chain reaction assay for simultaneous detection of Staphylococcus aureus and coagulase-negative staphylococci and determination of methicillin resistance directly from positive blood culture bottles. Diagnostic Microbiology and Infectious Disease, 2010, 66, 349-355.	1.8	58
62	StaphPlex System for Rapid and Simultaneous Identification of Antibiotic Resistance Determinants and Panton-Valentine Leukocidin Detection of Staphylococci from Positive Blood Cultures. Journal of Clinical Microbiology, 2007, 45, 1867-1873.	3.9	57
63	Staphylococcus aureus: An Old Pathogen with New Weapons. Clinics in Laboratory Medicine, 2010, 30, 179-208.	1.4	56
64	Evaluation of the Vitek MS v3.0 Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry System for Identification of Mycobacterium and Nocardia Species. Journal of Clinical Microbiology, 2018, 56, .	3.9	56
65	Early life establishment of site-specific microbial communities in the gut. Gut Microbes, 2014, 5, 192-201.	9.8	55
66	Comparative Evaluation of Colorimetric Microtiter Plate Systems for Detection of Herpes Simplex Virus in Cerebrospinal Fluid. Journal of Clinical Microbiology, 1998, 36, 2714-2717.	3.9	55
67	Immunoprophylaxis and Immunotherapy of Respiratory Syncytial Virusâ€“Infected Mice with Respiratory Syncytial Virusâ€“Specific Immune Serum. Pediatric Research, 1993, 34, 167-172.	2.3	54
68	Meta-analysis of diagnostic performance of serology tests for COVID-19: impact of assay design and post-symptom-onset intervals. Emerging Microbes and Infections, 2020, 9, 2200-2211.	6.5	54
69	Antimicrobial Susceptibility Patterns and Staphylococcal Cassette Chromosome mec Types of, as Well as Panton-Valentine Leukocidin Occurrence among, Methicillin-Resistant Staphylococcus aureus Isolates from Children and Adults in Middle Tennessee. Journal of Clinical Microbiology, 2006, 44, 4436-4440.	3.9	53
70	Nucleic Acid Assay System for Tier II Laboratories and Moderately Complex Clinics to Detect HIV in Lowâ€Resource Settings. Journal of Infectious Diseases, 2010, 201, S46-S51.	4.0	53
71	Using Multiplex Molecular Testing to Determine the Etiology of AcuteÂGastroenteritis in Children. Journal of Pediatrics, 2016, 176, 50-56.e2.	1.8	52
72	Genomic Characterization of Enterobacter cloacae Isolates from China That Coproduce KPC-3 and NDM-1 Carbapenemases. Antimicrobial Agents and Chemotherapy, 2016, 60, 2519-2523.	3.2	52

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73	Protective Role of TNF-?? in Respiratory Syncytial Virus Infection In Vitro and In Vivo. American Journal of the Medical Sciences, 1996, 311, 201-204.	1.1	52
74	The Wuhan SARSâ€CoVâ€2â€”What's next for China. Journal of Medical Virology, 2020, 92, 546-547.	5.0	51
75	Emerging Molecular Assays for Detection and Characterization of Respiratory Viruses. Clinics in Laboratory Medicine, 2009, 29, 673-693.	1.4	50
76	Clinical Evaluation of the Luminex NxTAG Respiratory Pathogen Panel. Journal of Clinical Microbiology, 2016, 54, 1912-1914.	3.9	50
77	Parallel Validation of Three Molecular Devices for Simultaneous Detection and Identification of Influenza A and B and Respiratory Syncytial Viruses. Journal of Clinical Microbiology, 2018, 56, .	3.9	49
78	Comparison of Pulsed-Field Gel Electrophoresis and Amplified Fragment-Length Polymorphism for Epidemiological Investigations of Common Nosocomial Pathogens. Infection Control and Hospital Epidemiology, 2001, 22, 550-554.	1.8	48
79	High Proportion of Fluoroquinolone-Resistant Mycobacterium tuberculosis Isolates with Novel Gyrase Polymorphisms and a gyrA Region Associated with Fluoroquinolone Susceptibility. Journal of Clinical Microbiology, 2012, 50, 1390-1396.	3.9	48
80	Kikuchi-Fujimoto lymphadenitis: role of parvovirus B-19, Epstein-Barr virus, human herpesvirus 6, and human herpesvirus 8. Human Pathology, 2013, 44, 255-259.	2.0	48
81	Detection, Identification, and Distribution of Fungi in Bronchoalveolar Lavage Specimens by Use of Multilocus PCR Coupled with Electrospray Ionization/Mass Spectrometry. Journal of Clinical Microbiology, 2013, 51, 136-141.	3.9	48
82	Macrolide-Resistant Mycoplasma pneumoniae in the United States as Determined from a National Surveillance Program. Journal of Clinical Microbiology, 2019, 57, .	3.9	48
83	Genetic Diversity of Carbapenem-Resistant Enterobacteriaceae (CRE) Clinical Isolates From a Tertiary Hospital in Eastern China. Frontiers in Microbiology, 2018, 9, 3341.	3.5	48
84	Clinical Accuracy of a PLEX-ID Flu Device for Simultaneous Detection and Identification of Influenza Viruses A and B. Journal of Clinical Microbiology, 2013, 51, 40-45.	3.9	46
85	Acinetobacter septicus sp. nov. Association with a Nosocomial Outbreak of Bacteremia in a Neonatal Intensive Care Unit. Journal of Clinical Microbiology, 2008, 46, 902-908.	3.9	45
86	Monitoring Therapeutic Efficacy by Real-Time Detection of Mycobacterium tuberculosis mRNA in Sputum. Clinical Chemistry, 2009, 55, 1694-1700.	3.2	45
87	Genetic Analysis of Crimean-Congo Hemorrhagic Fever Virus in Russia. Journal of Clinical Microbiology, 2003, 41, 860-862.	3.9	44
88	Evaluation of a Rapid and Completely Automated Real-Time Reverse Transcriptase PCR Assay for Diagnosis of Enteroviral Meningitis. Journal of Clinical Microbiology, 2011, 49, 528-533.	3.9	43
89	Enhanced Diagnostic Yields of Bacteremia and Candidemia in Blood Specimens by PCR-Electrospray Ionization Mass Spectrometry. Journal of Clinical Microbiology, 2013, 51, 3535-3541.	3.9	43
90	Molecular Approaches To Detecting Herpes Simplex Virus and Enteroviruses in the Central Nervous System. Journal of Clinical Microbiology, 2002, 40, 2317-2322.	3.9	42

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91	Pathogenesisâ€directed therapy of 2019 novel coronavirus disease. Journal of Medical Virology, 2021, 93, 1320-1342.	5.0	40
92	Laboratory Diagnosis of Respiratory Tract Infections in Children â€“ the State of the Art. Frontiers in Microbiology, 2018, 9, 2478.	3.5	39
93	Role of a Respiratory Viral Panel in the Clinical Management of Pediatric Inpatients. Pediatric Infectious Disease Journal, 2013, 32, 467-472.	2.0	38
94	Major Outbreak of Toxic Shock-Like Syndrome Caused by Streptococcus mitis. Journal of Clinical Microbiology, 2003, 41, 3051-3055.	3.9	36
95	Early Infant Human Immunodeficiency Virus Type 1 Detection Suitable for Resource-Limited Settings with Multiple Circulating Subtypes by Use of Nested Three-Monoplex DNA PCR and Dried Blood Spots. Journal of Clinical Microbiology, 2008, 46, 721-726.	3.9	36
96	Hospital-Acquired Bordetella bronchiseptica Infection following Hematopoietic Stem Cell Transplantation. Journal of Clinical Microbiology, 2006, 44, 2581-2583.	3.9	35
97	Prevalence of and Molecular Basis for Tuberculosis Drug Resistance in the Republic of Georgia: Validation of a QIAplex System for Detection of Drug Resistance-Related Mutations. Antimicrobial Agents and Chemotherapy, 2008, 52, 725-729.	3.2	35
98	Basaloid squamous cell carcinoma of the skin. Journal of the American Academy of Dermatology, 2011, 64, 144-151.	1.2	35
99	Genotypes and antimicrobial profiles of Shigella sonnei isolates from diarrheal patients circulating in Beijing between 2002 and 2007. Diagnostic Microbiology and Infectious Disease, 2012, 74, 166-170.	1.8	35
100	In vitro Activity of Apramycin Against Carbapenem-Resistant and Hypervirulent Klebsiella pneumoniae Isolates. Frontiers in Microbiology, 2020, 11, 425.	3.5	35
101	A colorimetric microtiter plate PCR system detects respiratory syncytial virus in nasal aspirates and discriminates subtypes A and B. Diagnostic Microbiology and Infectious Disease, 1999, 34, 333-337.	1.8	33
102	Nasal Colonization of and Clonal Transmission of Methicillin-Susceptible Staphylococcus aureus among Chinese Military Volunteers. Journal of Clinical Microbiology, 2010, 48, 64-69.	3.9	33
103	Clostridium difficile colonization in preoperative colorectal cancer patients. Oncotarget, 2017, 8, 11877-11886.	1.8	33
104	Impact of a Rapid Molecular Test for Klebsiella pneumoniae Carbapenemase and Ceftazidime-Avibactam Use on Outcomes After Bacteremia Caused by Carbapenem-Resistant Enterobacterales. Clinical Infectious Diseases, 2022, 75, 2066-2075.	5.8	33
105	Histologic Parameters Predictive of Mycobacterial Infection. American Journal of Clinical Pathology, 1998, 109, 331-334.	0.7	32
106	Detection of Viruses in Human Adenoid Tissues by Use of Multiplex PCR. Journal of Clinical Microbiology, 2009, 47, 771-773.	3.9	32
107	Real-Time Cellular Analysis Coupled with a Specimen Enrichment Accurately Detects and Quantifies Clostridium difficile Toxins in Stool. Journal of Clinical Microbiology, 2014, 52, 1105-1111.	3.9	32
108	Performance Characteristics of the Cepheid Xpert vanA Assay for Rapid Identification of Patients at High Risk for Carriage of Vancomycin-Resistant Enterococci. Journal of Clinical Microbiology, 2012, 50, 3659-3663.	3.9	31

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109	Comparison of Human Immunodeficiency Virus Type 1 RNA Sequence Heterogeneity in Cerebrospinal Fluid and Plasma. Journal of Clinical Microbiology, 2000, 38, 4637-4639.	3.9	31
110	Cytokine expression in respiratory syncytial virus-infected mice as measured by quantitative reverse-transcriptase PCR. Journal of Virological Methods, 2003, 107, 141-146.	2.1	30
111	Cytomegalovirus Ventriculoencephalitis in a Peripheral Blood Stem Cell Transplant Recipient. Clinical Infectious Diseases, 2006, 42, e26-e29.	5.8	30
112	Host Singleâ€Nucleotide Polymorphisms and Altered Responses to Inactivated Influenza Vaccine. Journal of Infectious Diseases, 2007, 196, 1021-1025.	4.0	30
113	Simultaneous Identification of Mycobacterial Isolates to the Species Level and Determination of Tuberculosis Drug Resistance by PCR Followed by Electrospray Ionization Mass Spectrometry. Journal of Clinical Microbiology, 2011, 49, 908-917.	3.9	30
114	Monitoring of Cytomegalovirus Viral Loads by Two Molecular Assays in Whole-Blood and Plasma Samples from Hematopoietic Stem Cell Transplant Recipients. Journal of Clinical Microbiology, 2015, 53, 1252-1257.	3.9	30
115	Clinical Use of 16S rRNA Gene Sequencing To Identify Mycoplasma felis and M. gateae Associated with Feline Ulcerative Keratitis. Journal of Clinical Microbiology, 2005, 43, 3431-3434.	3.9	29
116	Matrix-assisted laser desorption ionization time-of-flight mass spectrometry and database for identification of Legionella species ¹This study was presented in part at the 110th American Society for Microbiology Annual Meeting, 23â€“27 May 2010, San Diego, California.. Canadian Journal of Microbiology, 2011, 57, 533-538.	1.7	29
117	High Prevalence of Metallo-Î²-Lactamase-Producing Enterobacter cloacae From Three Tertiary Hospitals in China. Frontiers in Microbiology, 2019, 10, 1610.	3.5	29
118	Enterococcus faecium-Related Outbreak with Molecular Evidence of Transmission from Pigs to Humans. Journal of Clinical Microbiology, 2002, 40, 913-917.	3.9	28
119	Surveillance of Childhood Influenza Virus Infection: What Is the Best Diagnostic Method To Use for Archival Samples?. Journal of Clinical Microbiology, 2004, 42, 1181-1184.	3.9	28
120	Increased Detectability of Plasma HIVâ€1 RNA after Introduction of a New Assay and Altered Specimenâ€Processing Procedures. Clinical Infectious Diseases, 2008, 47, 1354-1357.	5.8	28
121	Evaluation of a Real-Time PCR Assay for Simultaneous Detection of Kingella kingae and Staphylococcus aureus from Synovial Fluid in Suspected Septic Arthritis. Annals of Laboratory Medicine, 2014, 34, 313-316.	2.5	28
122	The GenMark ePlex^{Â®}: another weapon in the syndromic arsenal for infection diagnosis. Future Microbiology, 2018, 13, 1697-1708.	2.0	28
123	In vitro selection of aztreonam/avibactam resistance in dual-carbapenemase-producing Klebsiella pneumoniae. Journal of Antimicrobial Chemotherapy, 2020, 75, 559-565.	3.0	28
124	Robinsoniella peoriensis Bacteremia in a Patient with Pancreatic Cancer. Journal of Clinical Microbiology, 2010, 48, 3448-3450.	3.9	27
125	Pearls and pitfalls of genomics-based microbiome analysis. Emerging Microbes and Infections, 2012, 1, 1-3.	6.5	27
126	Respiratory virus multiplex RT-PCR assay sensitivities and influence factors in hospitalized children with lower respiratory tract infections. Virologica Sinica, 2013, 28, 97-102.	3.0	27

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127	Clonal Spread of Serogroup W135 Meningococcal Disease in Turkey. Journal of Clinical Microbiology, 2006, 44, 222-224.	3.9	26
128	Direct Detection and Identification of Bacterial Pathogens from Urine with Optimized Specimen Processing and Enhanced Testing Algorithm. Journal of Clinical Microbiology, 2017, 55, 1488-1495.	3.9	26
129	Detection of SARS-CoV-2Âat the point of care. Bioanalysis, 2021, 13, 1213-1223.	1.5	26
130	Detection of HPV related oropharyngeal cancer in oral rinse specimens. Oncotarget, 2017, 8, 109393-109401.	1.8	26
131	Identification and Differentiation of Clinically Relevant Mycobacterium Species Directly from Acid-Fast Bacillus-Positive Culture Broth. Journal of Clinical Microbiology, 2009, 47, 3814-3820.	3.9	25
132	Fusobacterium nucleatum Subspecies Identification by Matrix-Assisted Laser Desorption Ionizationâ€"Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2015, 53, 1399-1402.	3.9	24
133	Near instrument-free, simple molecular device for rapid detection of herpes simplex viruses. Expert Review of Molecular Diagnostics, 2012, 12, 437-443.	3.1	23
134	In Vitro Activity of Ceftazidime-Avibactam against Carbapenem-Resistant and Hypervirulent Klebsiella pneumoniae Isolates. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	23
135	Invader Plus Method Detects Herpes Simplex Virus in Cerebrospinal Fluid and Simultaneously Differentiates Types 1 and 2. Journal of Clinical Microbiology, 2006, 44, 3443-3447.	3.9	22
136	Absence of Gastrointestinal Pathogens in Ileum Tissue Resected for Necrotizing Enterocolitis. Pediatric Infectious Disease Journal, 2012, 31, 413-414.	2.0	22
137	Advanced Techniques for Detection and Identification of Microbial Agents of Gastroenteritis. Clinics in Laboratory Medicine, 2013, 33, 527-552.	1.4	22
138	Clinical Validation of the Lyra Direct HSV 1+2/VZV Assay for Simultaneous Detection and Differentiation of Three Herpesviruses in Cutaneous and Mucocutaneous Lesions. Journal of Clinical Microbiology, 2014, 52, 3799-3801.	3.9	22
139	An Isothermal, Multiplex Amplification Assay for Detection and Genotyping of Human Papillomaviruses in Formalin-Fixed, Paraffin-Embedded Tissues. Journal of Molecular Diagnostics, 2020, 22, 419-428.	2.8	22
140	Reducing Unnecessary and Duplicate Ordering for Ovum and Parasite Examinations and Clostridium difficile PCR in Immunocompromised Patients by Using an Alert at the Time of Request in the Order Management System. Journal of Clinical Microbiology, 2015, 53, 2745-2748.	3.9	21
141	Characterization of a Novel Rapidly Growing Mycobacterium Species Associated with Sepsis. Journal of Clinical Microbiology, 2003, 41, 5650-5653.	3.9	20
142	Sensitive, qualitative detection of human herpesvirus-6 and simultaneous differentiation of variants A and B. Journal of Clinical Virology, 2009, 46, 20-23.	3.1	20
143	CULTURE VERSUS POLYMERASE CHAIN REACTION FOR THE ETIOLOGIC DIAGNOSIS OF COMMUNITY-ACQUIRED PNEUMONIA IN ANTIBIOTIC-PRETREATED PEDIATRIC PATIENTS. Pediatric Infectious Disease Journal, 2009, 28, 53-55.	2.0	20
144	Duplex DNA-Invading Î³-Modified Peptide Nucleic Acids Enable Rapid Identification of Bloodstream Infections in Whole Blood. MBio, 2016, 7, e00345-16.	4.1	20

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145	An evolving approach to the laboratory assessment of COVIDâ€19. Journal of Medical Virology, 2020, 92, 1812-1817.	5.0	20
146	Qualitative and Quantitative Detection of Chlamydophila pneumoniae DNA in Cerebrospinal Fluid from Multiple Sclerosis Patients and Controls. PLoS ONE, 2009, 4, e5200.	2.5	20
147	PCR Enhances Acid-Fast Bacillus Stain-Based Rapid Detection of Mycobacterium tuberculosis. Journal of Clinical Microbiology, 2004, 42, 1849-1850.	3.9	19
148	Bartonella quintana endocarditis with positive serology for Coxiella burnetii. Journal of Infection, 2006, 53, e151-e153.	3.3	19
149	Duplex PCR Assay Simultaneously Detecting and Differentiating Bartonella quintana , B . henselae , and Coxiella burnetii in Surgical Heart Valve Specimens. Journal of Clinical Microbiology, 2009, 47, 2647-2650.	3.9	19
150	Molecular Characterization of Drug-ResistantMycobacterium tuberculosisIsolates Circulating in China by Multilocus PCR and Electrospray Ionization Mass Spectrometry. Journal of Clinical Microbiology, 2011, 49, 2719-2721.	3.9	19
151	Comparative clinical evaluation of the IsoAmpÂ® HSV Assay with ELVISÂ® HSV culture/ID/typing test system for the detection of herpes simplex virus in genital and oral lesions. Journal of Clinical Virology, 2012, 54, 355-358.	3.1	19
152	Nasal vestibulitis due to targeted therapies in cancer patients. Supportive Care in Cancer, 2015, 23, 2391-2398.	2.2	19
153	Comparative Evaluation of Bruker Biotyper and BD Phoenix Systems for Identification of Bacterial Pathogens Associated with Urinary Tract Infections. Journal of Clinical Microbiology, 2011, 49, 3936-3939.	3.9	18
154	Disseminated Adenovirus Infection in Cancer Patients Presenting with Focal Pulmonary Consolidation. Journal of Clinical Microbiology, 2014, 52, 350-353.	3.9	18
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