Brunella Posteraro

List of Publications by Year
in descending order

236	10,728	25034	42399
papers	citations	57 h-index	92 g-index

242	242	242	12459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predictors of Mortality in Patients with Bloodstream Infections Caused by Extended-Spectrum-Î²-Lactamase-Producing Enterobacteriaceae : Importance of Inadequate Initial Antimicrobial Treatment. Antimicrobial Agents and Chemotherapy, 2007, 51, 1987-1994.	3.2	382
2	Antifungal drug resistance among Candida species: mechanisms and clinical impact. Mycoses, 2015, 58, 2-13.	4.0	314
3	Biofilm Production by Candida Species and Inadequate Antifungal Therapy as Predictors of Mortality for Patients with Candidemia. Journal of Clinical Microbiology, 2007, 45, 1843-1850.	3.9	300
4	Mechanisms of Azole Resistance in Clinical Isolates of Candida glabrata Collected during a Hospital Survey of Antifungal Resistance. Antimicrobial Agents and Chemotherapy, 2005, 49, 668-679.	3.2	296
5	Effect of Alginate Lyase on Biofilm-GrownHelicobacter pyloriProbed by Atomic Force Microscopy. International Journal of Polymer Science, 2015, 2015, 1-9.	2.7	288
6	Gain of Function Mutations in CgPDR1 of Candida glabrata Not Only Mediate Antifungal Resistance but Also Enhance Virulence. PLoS Pathogens, 2009, 5, e1000268.	4.7	248
7	Species identification of Aspergillus, Fusarium and Mucorales with direct surface analysis by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. Clinical Microbiology and Infection, 2012, 18, 475-484.	6.0	227
8	A multicenter study of septic shock due to candidemia: outcomes and predictors of mortality. Intensive Care Medicine, 2014, 40, 839-845.	8.2	209
9	Direct MALDI-TOF Mass Spectrometry Assay of Blood Culture Broths for Rapid Identification of Candida Species Causing Bloodstream Infections: an Observational Study in Two Large Microbiology Laboratories. Journal of Clinical Microbiology, 2012, 50, 176-179.	3.9	190
10	Epidemiology, Species Distribution, Antifungal Susceptibility, and Outcome of Candidemia across Five Sites in Italy and Spain. Journal of Clinical Microbiology, 2013, 51, 4167-4172.	3.9	176
11	Risk Factors and Outcomes of Candidemia Caused by Biofilm-Forming Isolates in a Tertiary Care Hospital. PLoS ONE, 2012, 7, e33705.	2.5	170
12	Early diagnosis of candidemia in intensive care unit patients with sepsis: a prospective comparison of (1â†'3)-Î²-D-glucan assay, Candida score, and colonization index. Critical Care, 2011, 15, R249.	5.8	152
13	Neonatal Late Onset Infection with Severe Acute Respiratory Syndrome Coronavirus 2. American Journal of Perinatology, 2020, 37, 869-872.	1.4	138
14	Loss of Mitochondrial Functions Associated with Azole Resistance in Candida glabrata Results in Enhanced Virulence in Mice. Antimicrobial Agents and Chemotherapy, 2011, 55, 1852-1860.	3.2	135
15	Comparison of Real-Time PCR, Conventional PCR, and Galactomannan Antigen Detection by Enzyme-Linked Immunosorbent Assay Using Bronchoalveolar Lavage Fluid Samples from Hematology Patients for Diagnosis of Invasive Pulmonary Aspergillosis. Journal of Clinical Microbiology, 2003, 41, 3922-3925.	3.9	134
16	Identification and characterization of a Cryptococcus neoformans ATP binding cassette (ABC) transporter-encoding gene, CnAFR1, involved in the resistance to fluconazole. Molecular Microbiology, 2003, 47, 357-371.	2.5	131
17	Comparative study of the physiological roles of three peroxidases (NADH peroxidase, Alkyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T macrophages and virulence of Enterococcus faecalis. Molecular Microbiology, 2007, 66, 1148-1163.	2.5	130
18	The ATPâ€binding cassette transporterâ€"encoding gene CgSNQ2 is contributing to the CgPDR1â€dependent azole resistance of Candida glabrata. Molecular Microbiology, 2008, 68, 186-201.	2.5	126

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19	Importance of Resolving Fungal Nomenclature: the Case of Multiple Pathogenic Species in the Cryptococcus Genus. MSphere, 2017, 2, .	2.9	124
20	Use of Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry for Caspofungin Susceptibility Testing of Candida and Aspergillus Species. Journal of Clinical Microbiology, 2012, 50, 2479-2483.	3.9	120
21	Inhibiting fungal multidrug resistance by disrupting an activatorâ€“Mediator interaction. Nature, 2016, 530, 485-489.	27.8	120
22	Diagnosis of Invasive Aspergillosis by a Commercial Real-Time PCR Assay for Aspergillus DNA in Bronchoalveolar Lavage Fluid Samples from High-Risk Patients Compared to a Galactomannan Enzyme Immunoassay. Journal of Clinical Microbiology, 2011, 49, 4273-4278.	3.9	114
23	Rapid Antifungal Susceptibility Testing by Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry Analysis. Journal of Clinical Microbiology, 2013, 51, 2964-2969.	3.9	114
24	Identification of Molds by Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2017, 55, 369-379.	3.9	114
25	Contribution of CgPDR1-Regulated Genes in Enhanced Virulence of Azole-Resistant Candida glabrata. PLoS ONE, 2011, 6, e17589.	2.5	107
26	MALDI-TOF mass spectrometry in the clinical mycology laboratory: identification of fungi and beyond. Expert Review of Proteomics, 2013, 10, 151-164.	3.0	105
27	Evaluation of BACTEC Mycobacteria Growth Indicator Tube (MGIT 960) Automated System for Drug Susceptibility Testing of Mycobacterium tuberculosis. Journal of Clinical Microbiology, 2001, 39, 4440-4444.	3.9	104
28	Role of AFR1, an ABC Transporter-Encoding Gene, in the In Vivo Response to Fluconazole and Virulence of Cryptococcus neoformans. Infection and Immunity, 2006, 74, 1352-1359.	2.2	104
29	Incidence, risk factors, and predictors of outcome of candidemia. Survey in 2 Italian university hospitals. Diagnostic Microbiology and Infectious Disease, 2007, 58, 325-331.	1.8	104
30	ace , Which Encodes an Adhesin in Enterococcus faecalis , Is Regulated by Ers and Is Involved in Virulence. Infection and Immunity, 2009, 77, 2832-2839.	2.2	100
31	Circulating Bacterial-Derived DNA Fragments and Markers of Inflammation in Chronic Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 379-385.	4.5	98
32	PCR-Restriction Enzyme Analysis for Detection of Candida DNA in Blood from Febrile Patients with Hematological Malignancies. Journal of Clinical Microbiology, 1999, 37, 1871-1875.	3.9	88
33	Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry-Based Method for Discrimination between Molecular Types of Cryptococcus neoformans and Cryptococcus gattii. Journal of Clinical Microbiology, 2012, 50, 2472-2476.	3.9	87
34	Effects of Proton Pump Inhibitors on the Gastric Mucosa-Associated Microbiota in Dyspeptic Patients. Applied and Environmental Microbiology, 2016, 82, 6633-6644.	3.1	85
35	Review article: biofilm formation by <scp>H</scp>elicobacter pylori as a target for eradication of resistant infection. Alimentary Pharmacology and Therapeutics, 2012, 36, 222-230.	3.7	84
36	Role of Methionine Sulfoxide Reductases A and B of Enterococcus faecalis in Oxidative Stress and Virulence. Infection and Immunity, 2010, 78, 3889-3897.	2.2	83

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37	Zygomycosis in Italy: A Survey of FIMUA-ECMM (Federazione Italiana Di Micopatologia Umana ed) Tj ETQq1 1 0.784314 rgBT /Overlock 322-329.	1.5	79
38	Comparative Evaluation of the Bruker Biotyper and Vitek MS Matrix-Assisted Laser Desorption Ionizationâ€“Time Of Flight (MALDI-TOF) Mass Spectrometry Systems for Identification of Yeasts of Medical Importance. Journal of Clinical Microbiology, 2013, 51, 2453-2457.	3.9	79
39	Excretion of SARS-CoV-2 in human breast milk. Clinical Microbiology and Infection, 2020, 26, 1430-1432.	6.0	79
40	Effects of the Enterococcus faecalis hypR Gene Encoding a New Transcriptional Regulator on Oxidative Stress Response and Intracellular Survival within Macrophages. Infection and Immunity, 2004, 72, 4424-4431.	2.2	78
41	The link between genetic variation and variability in vaccine responses: Systematic review and meta-analyses. Vaccine, 2014, 32, 1661-1669.	3.8	78
42	A nickel ABC-transporter of Staphylococcus aureus is involved in urinary tract infection. Molecular Microbiology, 2010, 77, 1246-1260.	2.5	77
43	Application of MALDI-TOF mass spectrometry in clinical diagnostic microbiology. Journal of Infection in Developing Countries, 2014, 8, 1081-1088.	1.2	75
44	(1,3)-Î²-d-Glucan-based antifungal treatment in critically ill adults at high risk of candidaemia: an observational study. Journal of Antimicrobial Chemotherapy, 2016, 71, 2262-2269.	3.0	73
45	Performance of a novel diagnostic assay for rapid SARS-CoV-2 antigen detection in nasopharynx samples. Clinical Microbiology and Infection, 2021, 27, 487-488.	6.0	72
46	Characterization of Clinical Isolates of Enterobacteriaceae from Italy by the BD Phoenix Extended-Spectrum Î²-Lactamase Detection Method. Journal of Clinical Microbiology, 2003, 41, 1463-1468.	3.9	71
47	Gut and Lung Microbiota in Preterm Infants: Immunological Modulation and Implication in Neonatal Outcomes. Frontiers in Immunology, 2019, 10, 2910.	4.8	71
48	AsrR Is an Oxidative Stress Sensing Regulator Modulating Enterococcus faecium Opportunistic Traits, Antimicrobial Resistance, and Pathogenicity. PLoS Pathogens, 2012, 8, e1002834.	4.7	70
49	Contribution of a PerR-like regulator to the oxidative-stress response and virulence of Enterococcus faecalis. Microbiology (United Kingdom), 2005, 151, 3997-4004.	1.8	69
50	SlyA Is a Transcriptional Regulator Involved in the Virulence of Enterococcus faecalis. Infection and Immunity, 2011, 79, 2638-2645.	2.2	68
51	Antifungal Susceptibility Profiles of Bloodstream Yeast Isolates by Sensititre YeastOne over Nine Years at a Large Italian Teaching Hospital. Antimicrobial Agents and Chemotherapy, 2015, 59, 3944-3955.	3.2	68
52	Gut microbiota compositional and functional fingerprint in patients with alcohol use disorder and alcoholâ€associated liver disease. Liver International, 2020, 40, 878-888.	3.9	68
53	In Vitro Activities of Anidulafungin and Other Antifungal Agents against Biofilms Formed by Clinical Isolates of Different Candida and Aspergillus Species. Antimicrobial Agents and Chemotherapy, 2011, 55, 3031-3035.	3.2	67
54	Combined use of serum (1,3)-Î²-d-glucan and procalcitonin for the early differential diagnosis between candidaemia and bacteraemia in intensive care units. Critical Care, 2017, 21, 176.	5.8	65

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55	Optimized Use of the MALDI BioTyper System and the FilmArray BCID Panel for Direct Identification of Microbial Pathogens from Positive Blood Cultures. Journal of Clinical Microbiology, 2016, 54, 576-584.	3.9	64
56	T2Bacteria magnetic resonance assay for the rapid detection of ESKAPEc pathogens directly in whole blood. Journal of Antimicrobial Chemotherapy, 2018, 73, iv20-iv26.	3.0	64
57	Chronic disseminated candidiasis in patients with hematologic malignancies. Clinical features and outcome of 29 episodes. Haematologica, 2002, 87, 535-41.	3.5	64
58	Evaluation of VITEK 2 and RapID Yeast Plus Systems for Yeast Species Identification: Experience at a Large Clinical Microbiology Laboratory. Journal of Clinical Microbiology, 2007, 45, 1343-1346.	3.9	62
59	Pan-Echinocandin-Resistant Candida glabrata Bloodstream Infection Complicating COVID-19: A Fatal Case Report. Journal of Fungi (Basel, Switzerland), 2020, 6, 163.	3.5	62
60	Increase of Virulence and Its Phenotypic Traits in Drug-Resistant Strains of Candida albicans. Antimicrobial Agents and Chemotherapy, 2008, 52, 927-936.	3.2	60
61	Human Monoclonal Antibody-Based Therapy in the Treatment of Invasive Candidiasis. Clinical and Developmental Immunology, 2013, 2013, 1-9.	3.3	60
62	Molecular Mechanisms, Epidemiology, and Clinical Importance of Î²-Lactam Resistance in Enterobacteriaceae. International Journal of Molecular Sciences, 2020, 21, 5090.	4.1	60
63	Development and Validation of an In-House Database for Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry-Based Yeast Identification Using a Fast Protein Extraction Procedure. Journal of Clinical Microbiology, 2014, 52, 1453-1458.	3.9	59
64	Evaluation of the New VITEK 2 Extended-Spectrum Beta-Lactamase (ESBL) Test for Rapid Detection of ESBL Production in Enterobacteriaceae Isolates. Journal of Clinical Microbiology, 2006, 44, 3257-3262.	3.9	57
65	Analysis of the risk factors associated with the emergence of azole resistant oral candidosis in the course of HIV infection. Journal of Antimicrobial Chemotherapy, 1996, 38, 691-699.	3.0	55
66	In vitro activity of Citrus bergamia (bergamot) oil against clinical isolates of dermatophytes. Journal of Antimicrobial Chemotherapy, 2006, 59, 305-308.	3.0	55
67	Synthesis of New Linear Guanidines and Macrocyclic Amidinourea Derivatives Endowed with High Antifungal Activity against Candida spp. and Aspergillus spp.. Journal of Medicinal Chemistry, 2009, 52, 7376-7379.	6.4	55
68	Evaluation of matrix-assisted laser desorption ionization-time-of-flight mass spectrometry in comparison to rpoB gene sequencing for species identification of bloodstream infection staphylococcal isolates. Clinical Microbiology and Infection, 2011, 17, 44-49.	6.0	55
69	Enterococcal Leucine-Rich Repeat-Containing Protein Involved in Virulence and Host Inflammatory Response. Infection and Immunity, 2007, 75, 4463-4471.	2.2	50
70	Fungaemia caused by Candida glabrata with reduced susceptibility to fluconazole due to altered gene expression: risk factors, antifungal treatment and outcome. Journal of Antimicrobial Chemotherapy, 2008, 62, 1379-1385.	3.0	50
71	Are the Conventional Commercial Yeast Identification Methods Still Helpful in the Era of New Clinical Microbiology Diagnostics? A Meta-Analysis of Their Accuracy. Journal of Clinical Microbiology, 2015, 53, 2439-2450.	3.9	48
72	Prevalence and Clonal Distribution of Azole-Resistant Candida parapsilosis Isolates Causing Bloodstream Infections in a Large Italian Hospital. Frontiers in Cellular and Infection Microbiology, 2020, 10, 232.	3.9	48

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73	Current therapeutic approaches to fungal infections in immunocompromised hematological patients. Blood Reviews, 2010, 24, 51-61.	5.7	47
74	Potential Use of MALDI-ToF Mass Spectrometry for Rapid Detection of Antifungal Resistance in the Human Pathogen Candida glabrata. Scientific Reports, 2017, 7, 9099.	3.3	47
75	Incidence and antimicrobial resistance trends in bloodstream infections caused by ESKAPE and Escherichia coli at a large teaching hospital in Rome, a 9-year analysis (2007â€“2015). European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 1627-1636.	2.9	46
76	In VitroInteraction between Alginate Lyase and Amphotericin B against Aspergillus fumigatus Biofilm Determined by Different Methods. Antimicrobial Agents and Chemotherapy, 2013, 57, 1275-1282.	3.2	45
77	Reliability of the Vitek 2 Yeast Susceptibility Test for Detection of In Vitro Resistance to Fluconazole and Voriconazole in Clinical Isolates of Candida albicans and Candida glabrata. Journal of Clinical Microbiology, 2009, 47, 1927-1930.	3.9	43
78	Genome-wide expression profiling of the response to short-term exposure to fluconazole in Cryptococcus neoformans serotype A. BMC Microbiology, 2011, 11, 97.	3.3	43
79	Evaluation of three commercial assays for SARS-CoV-2 molecular detection in upper respiratory tract samples. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 269-277.	2.9	42
80	Microbiologic and clinical characteristics of biofilm-forming Candida parapsilosis isolates associated with fungaemia and their impact on mortality. Clinical Microbiology and Infection, 2018, 24, 771-777.	6.0	41
81	Staphylococcus aureus ventilator-associated pneumonia in patients with COVID-19: clinical features and potential inference with lung dysbiosis. Critical Care, 2021, 25, 197.	5.8	41
82	In vitro activity of bergamot natural essence and furocoumarin-free and distilled extracts, and their associations with boric acid, against clinical yeast isolates. Journal of Antimicrobial Chemotherapy, 2005, 55, 110-114.	3.0	40
83	Galactomannan testing might be useful for early diagnosis of fusariosis. Diagnostic Microbiology and Infectious Disease, 2012, 72, 367-369.	1.8	40
84	Assessment of SARS-CoV-2 RNA Test Results Among Patients Who Recovered From COVID-19 With Prior Negative Results. JAMA Internal Medicine, 2021, 181, 702.	5.1	40
85	The ABC transporter-encoding geneAFR1affects the resistance ofCryptococcus neoformansto microglia-mediated antifungal activity by delaying phagosomal maturation. FEMS Yeast Research, 2009, 9, 301-310.	2.3	39
86	In vitro Evaluation of BACT/ALERTÂ® VIRTUOÂ®, BACT/ALERT 3DÂ®, and BACTECâ„¢ FX Automated Blood Culture Systems for Detection of Microbial Pathogens Using Simulated Human Blood Samples. Frontiers in Microbiology, 2019, 10, 221.	3.5	38
87	Candida parapsilosisBloodstream Infection in Pediatric Oncology Patients: Results of an Epidemiologic Investigation. Infection Control and Hospital Epidemiology, 2004, 25, 641-645.	1.8	37
88	Mortality in patients with early- or late-onset candidaemia. Journal of Antimicrobial Chemotherapy, 2013, 68, 927-935.	3.0	37
89	Mannose-Binding Lectin Codon 54 Gene Polymorphism and Vulvovaginal Candidiasis: A Systematic Review and Meta-Analysis. BioMed Research International, 2014, 2014, 1-7.	1.9	37
90	Identification and typing of the Candida parapsilosis complex: MALDI-TOF MS vs. AFLP. Medical Mycology, 2014, 52, 123-130.	0.7	37

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91	Upregulation of the Adhesin Gene EPA1 Mediated by PDR1 in Candida glabrata Leads to Enhanced Host Colonization. MSphere, 2016, 1, .	2.9	37
92	Molecular tools for differentiating probiotic and clinical strains of Saccharomyces cerevisiae. International Journal of Food Microbiology, 2005, 103, 295-304.	4.7	35
93	Involvement of Peptidylprolyl cis / trans Isomerases in Enterococcus faecalis Virulence. Infection and Immunity, 2012, 80, 1728-1735.	2.2	34
94	The hbhA Gene of Mycobacterium tuberculosis Is Specifically Upregulated in the Lungs but Not in the Spleens of Aerogenically Infected Mice. Infection and Immunity, 2006, 74, 3006-3011.	2.2	33
95	The PavA-like Fibronectin-Binding Protein of Enterococcus faecalis, EfbA, Is Important for Virulence in a Mouse Model of Ascending Urinary Tract Infection. Journal of Infectious Diseases, 2012, 206, 952-960.	4.0	33
96	Susceptibility Testing of Fungi to Antifungal Drugs. Journal of Fungi (Basel, Switzerland), 2018, 4, 110.	3.5	33
97	Reverse Cross Blot Hybridization Assay for Rapid Detection of PCR-Amplified DNA from Candida Species, Cryptococcus neoformans , and Saccharomyces cerevisiae in Clinical Samples. Journal of Clinical Microbiology, 2000, 38, 1609-1614.	3.9	33
98	THE ROLE OF CANDIDA SURVEILLANCE CULTURES FOR IDENTIFICATION OF A PRETERM SUBPOPULATION AT HIGHEST RISK FOR INVASIVE FUNGAL INFECTION. Pediatric Infectious Disease Journal, 2008, 27, 1114-1116.	2.0	32
99	Molecular and Epidemiological Characterization of Vaginal Saccharomyces cerevisiae Isolates. Journal of Clinical Microbiology, 1999, 37, 2230-2235.	3.9	32
100	Different effects of matrix degrading enzymes towards biofilms formed by E. faecalis and E. faecium clinical isolates. Colloids and Surfaces B: Biointerfaces, 2017, 158, 349-355.	5.0	31
101	Rapid molecular tests for detection of antimicrobial resistance determinants in Gram-negative organisms from positive blood cultures: a systematic review and meta-analysis. Clinical Microbiology and Infection, 2020, 26, 271-280.	6.0	31
102	Update on Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry Identification of Filamentous Fungi. Journal of Clinical Microbiology, 2020, 58, .	3.9	31
103	Routine Use of PCRâ€“Reverse Cross-Blot Hybridization Assay for Rapid Identification of Mycobacterium Species Growing in Liquid Media. Journal of Clinical Microbiology, 1998, 36, 1530-1533.	3.9	31
104	Hospital-Acquired Candidemia in HIV-Infected Patients. Incidence, Risk Factors and Predictors of Outcome. Journal of Chemotherapy, 2004, 16, 172-178.	1.5	30
105	Comparative Effects of Micafungin, Caspofungin, and Anidulafungin against a Difficult-To-Treat Fungal Opportunistic Pathogen, Candida glabrata. Antimicrobial Agents and Chemotherapy, 2012, 56, 1215-1222.	3.2	30
106	(1,3)-Î²-d-Glucan-based empirical antifungal interruption in suspected invasive candidiasis: a randomized trial. Critical Care, 2020, 24, 550.	5.8	30
107	Comparing BioFire FilmArray BCID2 and BCID Panels for Direct Detection of Bacterial Pathogens and Antimicrobial Resistance Genes from Positive Blood Cultures. Journal of Clinical Microbiology, 2021, 59, .	3.9	30
108	UPDATE ON THE LABORATORY DIAGNOSIS OF INVASIVE FUNGAL INFECTIONS. Mediterranean Journal of Hematology and Infectious Diseases, 2011, 3, e2011002.	1.3	29

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109	MALDI-TOF Mass Spectrometry: Any Use for Aspergilli?. Mycopathologia, 2014, 178, 417-426.	3.1	29
110	Liver Injury, Endotoxemia, and Their Relationship to Intestinal Microbiota Composition in Alcoholâ€Preferring Rats. Alcoholism: Clinical and Experimental Research, 2018, 42, 2313-2325.	2.4	29
111	Impaired bactericidal and fungicidal activities of neutrophils in patients with myelodysplastic syndrome. Leukemia Research, 2012, 36, 331-333.	0.8	28
112	Azole Resistance of Candida glabrata in a Case of Recurrent Fungemia. Journal of Clinical Microbiology, 2006, 44, 3046-3047.	3.9	27
113	The future of fungal susceptibility testing. Future Microbiology, 2014, 9, 947-967.	2.0	27
114	In- VitroComparative Activity of Fluconazole and Other Antifungal Agents AgainstBlastoschizomyces capitatus. Journal of Chemotherapy, 1991, 3, 13-15.	1.5	26
115	Caspofungin activity against clinical isolates of azole cross-resistant Candida glabrata overexpressing efflux pump genes. Journal of Antimicrobial Chemotherapy, 2006, 58, 458-461.	3.0	26
116	Novel Macrocyclic Amidinoureas: Potent Non-Azole Antifungals Active against Wild-Type and Resistant Candida Species. ACS Medicinal Chemistry Letters, 2013, 4, 852-857.	2.8	26
117	Mass spectrometry applications in microbiology beyond microbe identification: progress and potential. Expert Review of Proteomics, 2016, 13, 965-977.	3.0	26
118	Brief Report: Disseminated Mycobacteriosis Caused by Drug-Resistant Mycobacterium triplex in a Human Immunodeficiency Virus-Infected Patient during Highly Active Antiretroviral Therapy. Clinical Infectious Diseases, 2000, 31, 177-179.	5.8	25
119	In vitro effect of clarithromycin and alginate lyase against helicobacter pylori biofilm. Biotechnology Progress, 2016, 32, 1584-1591.	2.6	25
120	The synthetic killer peptide KP impairs Candida albicans biofilm in vitro. PLoS ONE, 2017, 12, e0181278.	2.5	25
121	Combined Voriconazole Plus Caspofungin Therapy for the Treatment of Probable Geotrichum Pneumonia in a Leukemia Patient. Infection, 2008, 36, 65-67.	4.7	24
122	Susceptibility Testing of Common and Uncommon Aspergillus Species against Posaconazole and Other Mold-Active Antifungal Azoles Using the Sensititre Method. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	24
123	New approaches for antifungal susceptibility testing. Clinical Microbiology and Infection, 2017, 23, 931-934.	6.0	24
124	Detection of Biofilm-Grown Aspergillus fumigatus by Means of Atomic Force Spectroscopy: Ultrastructural Effects of Alginate Lyase. Microscopy and Microanalysis, 2012, 18, 1088-1094.	0.4	23
125	Redox Balance via Lactate Dehydrogenase Is Important for Multiple Stress Resistance and Virulence in Enterococcus faecalis. Infection and Immunity, 2013, 81, 2662-2668.	2.2	23
126	Rapid detection of clarithromycin resistance in Helicobacter pylori using a PCR-based denaturing HPLC assay. Journal of Antimicrobial Chemotherapy, 2006, 57, 71-78.	3.0	22

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127	Uncommon Neosartorya udagawae Fungus as a Causative Agent of Severe Corneal Infection. Journal of Clinical Microbiology, 2011, 49, 2357-2360.	3.9	22
128	Association of high levels of Î±-defensins and S100A proteins with Candida mannan detection in bronchoalveolar lavage fluid of preterm neonates. Pediatric Research, 2013, 74, 19-25.	2.3	22
129	Initial antifungal strategy does not correlate with mortality in patients with candidemia. European Journal of Clinical Microbiology and Infectious Diseases, 2016, 35, 187-193.	2.9	22
130	MicroRNAs expression profiles as diagnostic biomarkers of gastric cancer: a systematic literature review. Biomarkers, 2019, 24, 110-119.	1.9	22
131	Nonlinear machine learning pattern recognition and bacteria-metabolite multilayer network analysis of perturbed gastric microbiome. Nature Communications, 2021, 12, 1926.	12.8	22
132	Differential In Vitro Expression of the brkA Gene in Bordetella pertussis and Bordetella parapertussis Clinical Isolates. Journal of Clinical Microbiology, 2006, 44, 3397-3400.	3.9	21
133	Analysis of heat-induced changes in protein expression of Stenotrophomonas maltophilia K279a reveals a role for GroEL in the host-temperature adaptation. International Journal of Medical Microbiology, 2011, 301, 273-281.	3.6	21
134	Commercial systems for fluconazole susceptibility testing of yeasts: comparison with the broth microdilution method. Diagnostic Microbiology and Infectious Disease, 2000, 38, 29-36.	1.8	20
135	In vitro activities of amphotericin B and AmBisome against Aspergillus isolates recovered from Italian patients treated for haematological malignancies. International Journal of Antimicrobial Agents, 2012, 39, 440-443.	2.5	20
136	Comparative performance evaluation of Wako Î²-glucan test and Fungitell assay for the diagnosis of invasive fungal diseases. PLoS ONE, 2020, 15, e0236095.	2.5	20
137	Genotyping Reveals High Clonal Diversity and Widespread Genotypes of Candida Causing Candidemia at Distant Geographical Areas. Frontiers in Cellular and Infection Microbiology, 2020, 10, 166.	3.9	20
138	Synthesis and characterization of different immunogenic viral nanoconstructs from rotavirus VP6 inner capsid protein. International Journal of Nanomedicine, 2014, 9, 2727.	6.7	19
139	CoERG11 A395T mutation confers azole resistance in Candida orthopsilosis clinical isolates. Journal of Antimicrobial Chemotherapy, 2018, 73, 1815-1822.	3.0	19
140	Saliva Is a Valid Alternative to Nasopharyngeal Swab in Chemiluminescence-Based Assay for Detection of SARS-CoV-2 Antigen. Journal of Clinical Medicine, 2021, 10, 1471.	2.4	19
141	Diagnosis and Treatment of Bacterial Pneumonia in Critically Ill Patients with COVID-19 Using a Multiplex PCR Assay: A Large Italian Hospitalâ€™s Five-Month Experience. Microbiology Spectrum, 2021, 9, e0069521.	3.0	19
142	Application of Molecular Methods for Detection and Transmission Analysis ofMycobacterium tuberculosisDrug Resistance in Patients Attending a Reference Hospital in Italy. Journal of Infectious Diseases, 1999, 179, 1025-1029.	4.0	18
143	Synthesis of new antifungal peptides selective against Cryptococcus neoformans. Bioorganic and Medicinal Chemistry, 2010, 18, 7985-7990.	3.0	18
144	ANTIFUNGAL SUSCEPTIBILITY TESTING: CURRENT ROLE FROM THE CLINICAL LABORATORY PERSPECTIVE. Mediterranean Journal of Hematology and Infectious Diseases, 2014, 6, e2014030.	1.3	18

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145	Biological Characterization and in Vivo Assessment of the Activity of a New Synthetic Macrocyclic Antifungal Compound. Journal of Medicinal Chemistry, 2016, 59, 3854-3866.	6.4	18
146	Evaluating the newly developed BioFire COVID-19 test for SARS-CoV-2 molecular detection. Clinical Microbiology and Infection, 2020, 26, 1699-1700.	6.0	18
147	Antimicrobial susceptibility testing of pathogens isolated from blood culture: a performance comparison of Accelerate Phenoâ„¢ and VITEKÂ® 2 systems with the broth microdilution method. Journal of Antimicrobial Chemotherapy, 2019, 74, i24-i31.	3.0	17
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