Willem J G Melchers

List of Publications by Year
in descending order

427 papers	24,448 citations	5896 81 h-index	12946 131 g-index
440 all docs	440 docs citations	440 times ranked	18596 citing authors

#	Article	IF	Citations
1	Emergence of Azole Resistance in Aspergillus fumigatus and Spread of a Single Resistance Mechanism. PLoS Medicine, 2008, 5, e219.	8.4	630
2	Azole resistance in Aspergillus fumigatus: a side-effect of environmental fungicide use?. Lancet Infectious Diseases, The, 2009, 9, 789-795.	9.1	524
3	Azole Resistance inAspergillus fumigatus: Can We Retain the Clinical Use of Mold-Active Antifungal Azoles?. Clinical Infectious Diseases, 2016, 62, 362-368.	5.8	468
4	A New Aspergillus fumigatus Resistance Mechanism Conferring In Vitro Cross-Resistance to Azole Antifungals Involves a Combination of cyp51A Alterations. Antimicrobial Agents and Chemotherapy, 2007, 51, 1897-1904.	3.2	443
5	Genus- and species-specific identification of mycoplasmas by 16S rRNA amplification. Applied and Environmental Microbiology, 1992, 58, 2606-2615.	3.1	426
6	Possible Environmental Origin of Resistance of Aspergillus fumigatus to Medical Triazoles. Applied and Environmental Microbiology, 2009, 75, 4053-4057.	3.1	390
7	Clinical Implications of Azole Resistance inAspergillus fumigatus, the Netherlands, 2007â€“2009. Emerging Infectious Diseases, 2011, 17, 1846-1854.	4.3	381
8	Multiple-Triazoleâ€“Resistant Aspergillosis. New England Journal of Medicine, 2007, 356, 1481-1483.	27.0	360
9	General primer-mediated polymerase chain reaction for detection of enteroviruses: application for diagnostic routine and persistent infections. Journal of Clinical Microbiology, 1992, 30, 160-165.	3.9	347
10	Triazole Fungicides Can Induce Cross-Resistance to Medical Triazoles in Aspergillus fumigatus. PLoS ONE, 2012, 7, e31801.	2.5	320
11	Whole-Genome Sequencing of Bacterial Pathogens: the Future of Nosocomial Outbreak Analysis. Clinical Microbiology Reviews, 2017, 30, 1015-1063.	13.6	310
12	Aspergillosis due to Voriconazole Highly Resistant Aspergillus fumigatus and Recovery of Genetically Related Resistant Isolates From Domiciles. Clinical Infectious Diseases, 2013, 57, 513-520.	5.8	308
13	Prospective Multicenter International Surveillance of Azole Resistance inAspergillus fumigatus. Emerging Infectious Diseases, 2015, 21, 1041-1044.	4.3	302
14	Detection of High-grade Prostate Cancer Using a Urinary Molecular Biomarkerâ€“Based Risk Score. European Urology, 2016, 70, 740-748.	1.9	292
15	Aspergillus PCR: One Step Closer to Standardization. Journal of Clinical Microbiology, 2010, 48, 1231-1240.	3.9	251
16	Coxsackievirus protein 2B modifies endoplasmic reticulum membrane and plasma membrane permeability and facilitates virus release. EMBO Journal, 1997, 16, 3519-3532.	7.8	242
17	ECIL guidelines for the diagnosis of Pneumocystis jirovecii pneumonia in patients with haematological malignancies and stem cell transplant recipients. Journal of Antimicrobial Chemotherapy, 2016, 71, 2386-2396.	3.0	226
18	Azole-resistance in Aspergillus: Proposed nomenclature and breakpoints. Drug Resistance Updates, 2009, 12, 141-147.	14.4	222

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19	Vulvar Squamous Cell Carcinoma is a Multifactorial Disease Following Two Separate and Independent Pathways. International Journal of Gynecological Pathology, 2006, 25, 22-29.	1.4	220
20	ECIL guidelines for preventing Pneumocystis jirovecii pneumonia in patients with haematological malignancies and stem cell transplant recipients. Journal of Antimicrobial Chemotherapy, 2016, 71, 2397-2404.	3.0	211
21	Rapid Induction of Multiple Resistance Mechanisms in Aspergillus fumigatus during Azole Therapy: a Case Study and Review of the Literature. Antimicrobial Agents and Chemotherapy, 2012, 56, 10-16.	3.2	205
22	Incidence of Tuberculosis among HIV-Infected Patients Receiving Highly Active Antiretroviral Therapy in Europe and North America. Clinical Infectious Diseases, 2005, 41, 1772-1782.	5.8	197
23	Identification of a Candidate Gene Panel for the Early Diagnosis of Prostate Cancer. Clinical Cancer Research, 2015, 21, 3061-3070.	7.0	193
24	Voriconazole Resistance and Mortality in Invasive Aspergillosis: A Multicenter Retrospective Cohort Study. Clinical Infectious Diseases, 2019, 68, 1463-1471.	5.8	189
25	Influenza-associated Aspergillosis in Critically Ill Patients. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 524-527.	5.6	176
26	Aspergillusand aspergilloses in wild and domestic animals: a global health concern with parallels to human disease. Medical Mycology, 2015, 53, 765-797.	0.7	172
27	Discovery of a hapE Mutation That Causes Azole Resistance in Aspergillus fumigatus through Whole Genome Sequencing and Sexual Crossing. PLoS ONE, 2012, 7, e50034.	2.5	168
28	Azole Resistance Profile of Amino Acid Changes in Aspergillus fumigatus CYP51A Based on Protein Homology Modeling. Antimicrobial Agents and Chemotherapy, 2010, 54, 2425-2430.	3.2	166
29	Prevalence of methicillin-resistant Staphylococcus aureus among veterinarians: an international study. Clinical Microbiology and Infection, 2008, 14, 29-34.	6.0	165
30	Isolation and Characterization of Verocytotoxin-Producing Escherichia coli O157 Strains from Dutch Cattle and Sheep. Journal of Clinical Microbiology, 1998, 36, 878-882.	3.9	165
31	Use of anticontamination primers in the polymerase chain reaction for the detection of human papilloma virus genotypes in cervical scrapes and biopsies. Journal of Medical Virology, 1989, 29, 20-27.	5.0	158
32	Comparison of antigen detection and PCR assay using bronchoalveolar lavage fluid for diagnosing invasive pulmonary aspergillosis in patients receiving treatment for hematological malignancies. Journal of Clinical Microbiology, 1995, 33, 3150-3153.	3.9	157
33	Clinical Validation of the cobas 4800 HPV Test for Cervical Screening Purposes. Journal of Clinical Microbiology, 2011, 49, 3983-3985.	3.9	154
34	Evaluation of the SPF ₁₀ -INNO LiPA Human Papillomavirus (HPV) Genotyping Test and the Roche Linear Array HPV Genotyping Test. Journal of Clinical Microbiology, 2006, 44, 3122-3129.	3.9	151
35	Triage by methylation-marker testing versus cytology in women who test HPV-positive on self-collected cervicovaginal specimens (PROHTECT-3): a randomised controlled non-inferiority trial. Lancet Oncology, The, 2014, 15, 315-322.	10.7	147
36	Prevalence of xenotropic murine leukaemia virus-related virus in patients with chronic fatigue syndrome in the Netherlands: retrospective analysis of samples from an established cohort. BMJ: British Medical Journal, 2010, 340, c1018-c1018.	2.3	143

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37	Development of Azole Resistance in Aspergillus fumigatus during Azole Therapy Associated with Change in Virulence. PLoS ONE, 2010, 5, e10080.	2.5	143
38	Kissing of the two predominant hairpin loops in the coxsackie B virus 3' untranslated region is the essential structural feature of the origin of replication required for negative-strand RNA synthesis. Journal of Virology, 1997, 71, 686-696.	3.4	143
39	Multiple-azole-resistantAspergillus fumigatusosteomyelitis in a patient with chronic granulomatous disease successfully treated with long-term oral posaconazole and surgery. Medical Mycology, 2009, 47, 217-220.	0.7	141
40	Occurrence of Verocytotoxin-Producing Escherichia coli O157 on Dutch Dairy Farms. Journal of Clinical Microbiology, 1998, 36, 3480-3487.	3.9	141
41	Evaluation of Aspergillus PCR Protocols for Testing Serum Specimens. Journal of Clinical Microbiology, 2011, 49, 3842-3848.	3.9	140
42	A Viral Protein that Blocks Arf1-Mediated COP-I Assembly by Inhibiting the Guanine Nucleotide Exchange Factor GBF1. Developmental Cell, 2006, 11, 191-201.	7.0	138
43	Increased detection rate of human papillomavirus in cervical scrapes by the polymerase chain reaction as compared to modified FISH and southern-blot analysi. Journal of Medical Virology, 1989, 27, 329-335.	5.0	136
44	Detection of mycoplasma contamination in cell cultures by a mycoplasma group-specific PCR. Applied and Environmental Microbiology, 1994, 60, 149-152.	3.1	135
45	Multi-center evaluation of cepheid xpertÂ® xpress SARS-CoV-2 point-of-care test during the SARS-CoV-2 pandemic. Journal of Clinical Virology, 2020, 128, 104426.	3.1	131
46	Performance of human papillomavirus testing on self-collected versus clinician-collected samples for the detection of cervical intraepithelial neoplasia of grade 2 or worse: a randomised, paired screen-positive, non-inferiority trial. Lancet Oncology, The, 2019, 20, 229-238.	10.7	129
47	Triazole resistance in Aspergillus fumigatus: recent insights and challenges for patient management. Clinical Microbiology and Infection, 2019, 25, 799-806.	6.0	128
48	Molecular Epidemiology of Aspergillus fumigatus Isolates Harboring the TR ₃₄ /L98H Azole Resistance Mechanism. Journal of Clinical Microbiology, 2012, 50, 2674-2680.	3.9	127
49	The Etiologic Role of HPV in Vulvar Squamous Cell Carcinoma Fine Tuned. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 2061-2067.	2.5	123
50	In-host adaptation and acquired triazole resistance in Aspergillus fumigatus : a dilemma for clinical management. Lancet Infectious Diseases, The, 2016, 16, e251-e260.	9.1	123
51	Saffold Virus, a Human Theiler's-Like Cardiovirus, Is Ubiquitous and Causes Infection Early in Life. PLoS Pathogens, 2009, 5, e1000416.	4.7	118
52	The Coxsackievirus 2B Protein Suppresses Apoptotic Host Cell Responses by Manipulating Intracellular Ca2+ Homeostasis. Journal of Biological Chemistry, 2004, 279, 18440-18450.	3.4	116
53	Functional Analysis of Picornavirus 2B Proteins: Effects on Calcium Homeostasis and Intracellular Protein Trafficking. Journal of Virology, 2008, 82, 3782-3790.	3.4	110
54	Efficacy of Posaconazole against Three Clinical Aspergillus fumigatus Isolates with Mutations in the cyp51A Gene. Antimicrobial Agents and Chemotherapy, 2010, 54, 860-865.	3.2	110

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55	Direct PCR enables detection of Mycoplasma pneumoniae in patients with respiratory tract infections. Journal of Clinical Microbiology, 1994, 32, 11-16.	3.9	109
56	Variable Impact on Mortality of AIDSâ€Ðefining Events Diagnosed during Combination Antiretroviral Therapy: Not All AIDSâ€Ðefining Conditions Are Created Equal. Clinical Infectious Diseases, 2009, 48, 1138-1151.	5.8	108
57	Effects of Picornavirus 3A Proteins on Protein Transport and GBF1-Dependent COP-I Recruitment. Journal of Virology, 2006, 80, 11852-11860.	3.4	105
58	Clinical Performance of Aspergillus PCR for Testing Serum and Plasma: a Study by the European Aspergillus PCR Initiative. Journal of Clinical Microbiology, 2015, 53, 2832-2837.	3.9	105
59	Characterization of verocytotoxin-producingEscherichia coliO157 isolates from patients with haemolytic uraemic syndrome in Western Europe. Epidemiology and Infection, 1995, 115, 1-3.	2.1	104
60	A Novel Environmental Azole Resistance Mutation in Aspergillus fumigatus and a Possible Role of Sexual Reproduction in Its Emergence. MBio, 2017, 8, .	4.1	104
61	Detection ofChlamydia trachomatis in clinical specimens by the polymerase chain reaction. European Journal of Clinical Microbiology and Infectious Diseases, 1990, 9, 864-868.	2.9	103
62	Infection with multiple viruses is not associated with increased disease severity in children with bronchiolitis. Pediatric Pulmonology, 2012, 47, 393-400.	2.0	102
63	The mengovirus leader protein blocks interferon-Î±/Î² gene transcription and inhibits activation of interferon regulatory factor 3. Cellular Microbiology, 2007, 9, 2921-2930.	2.1	100
64	Parental acceptance of Human Papillomavirus vaccines. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2008, 137, 103-107.	1.1	98
65	A Proline-Rich Region in the Coxsackievirus 3A Protein Is Required for the Protein To Inhibit Endoplasmic Reticulum-to-Golgi Transport. Journal of Virology, 2005, 79, 5163-5173.	3.4	96
66	Environmental Hotspots for Azole Resistance Selection of Aspergillus fumigatus, the Netherlands. Emerging Infectious Diseases, 2019, 25, 1347-1353.	4.3	95
67	Histopathologic findings in explanted heart tissue from patients with end-stage idiopathic dilated cardiomyopathy. Transplant International, 2001, 14, 299-306.	1.6	94
68	Black Yeasts and Their Filamentous Relatives: Principles of Pathogenesis and Host Defense. Clinical Microbiology Reviews, 2014, 27, 527-542.	13.6	94
69	Structureâ€"Function Analysis of Coxsackie B3 Virus Protein 2B. Virology, 1997, 227, 111-118.	2.4	93
70	Transmission networks of HIV-1 among men having sex with men in the Netherlands. Aids, 2010, 24, 271-282.	2.2	93
71	Short Fragment Polymerase Chain Reaction Reverse Hybridization Line Probe Assay to Detect and Genotype a Broad Spectrum of Human Papillomavirus Types. American Journal of Pathology, 1999, 155, 1473-1478.	3.8	92
72	Methicillin-resistantStaphylococcus aureus in Veterinary Doctors and Students, the Netherlands. Emerging Infectious Diseases, 2006, 12, 1939-1941.	4.3	92

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73	Critical Stages of Extracting DNA from Aspergillus fumigatus in Whole-Blood Specimens. Journal of Clinical Microbiology, 2010, 48, 3753-3755.	3.9	92
74	The structureâ€“function relationship of the Aspergillus fumigatus cyp51A L98H conversion by site-directed mutagenesis: The mechanism of L98H azole resistance. Fungal Genetics and Biology, 2011, 48, 1062-1070.	2.1	92
75	Genotypeâ€“phenotype complexity of the TR46/Y121F/T289A cyp51A azole resistance mechanism in Aspergillus fumigatus. Fungal Genetics and Biology, 2015, 82, 129-135.	2.1	91
76	Amplification of Borrelia burgdorferi DNA in skin biopsies from patients with Lyme disease. Journal of Clinical Microbiology, 1991, 29, 2401-2406.	3.9	91
77	Azole resistance in Aspergillus fumigatus: a new challenge in the management of invasive aspergillosis?. Future Microbiology, 2011, 6, 335-347.	2.0	90
78	The role of azoles in the management of azole-resistant aspergillosis: From the bench to the bedside. Drug Resistance Updates, 2014, 17, 37-50.	14.4	89
79	Acute Onset of Type I Diabetes Mellitus after Severe Echovirus 9 Infection: Putative Pathogenic Pathways. Clinical Infectious Diseases, 2000, 31, 1025-1031.	5.8	88
80	The Coxsackievirus 2B Protein Increases Efflux of Ions from the Endoplasmic Reticulum and Golgi, thereby Inhibiting Protein Trafficking through the Golgi. Journal of Biological Chemistry, 2006, 281, 14144-14150.	3.4	88
81	A panel of p16^{INK4A}, MIB1 and p53 proteins can distinguish between the 2 pathways leading to vulvar squamous cell carcinoma. International Journal of Cancer, 2008, 123, 2767-2773.	5.1	88
82	Coxsackie B3 virus protein 2B contains cationic amphipathic helix that is required for viral RNA replication. Journal of Virology, 1996, 70, 3876-3886.	3.4	88
83	Molecular mimicry in diabetes mellitus: the homologous domain in coxsackie B virus protein 2C and islet autoantigen GAD 65 is highly conserved in the coxsackie B-like enteroviruses and binds to the diabetes associated HLA-DR3 molecule. Diabetologia, 1998, 41, 40-46.	6.3	85
84	Genetic analysis of a hydrophobic domain of coxsackie B3 virus protein 2B: a moderate degree of hydrophobicity is required for a cis-acting function in viral RNA synthesis. Journal of Virology, 1995, 69, 7782-7790.	3.4	85
85	Nosocomial outbreak of colonization and infection with Stenotrophomonas maltophilia in preterm infants associated with contaminated tap water. Epidemiology and Infection, 1998, 120, 251-256.	2.1	84
86	Determinants for Membrane Association and Permeabilization of the Coxsackievirus 2B Protein and the Identification of the Golgi Complex as the Target Organelle. Journal of Biological Chemistry, 2003, 278, 1012-1021.	3.4	84
87	Introduction of primary screening using high-risk HPV DNA detection in the Dutch cervical cancer screening programme: a population-based cohort study. BMC Medicine, 2019, 17, 228.	5.5	83
88	Rapid screening of methicillin-resistant Staphylococcus aureus using PCR and chromogenic agar: a prospective study to evaluate costs and effects. Clinical Microbiology and Infection, 2010, 16, 1754-1761.	6.0	82
89	Young adults and acceptance of the human papillomavirus vaccine. Public Health, 2008, 122, 1295-1301.	2.9	81
90	Azole, polyene and echinocandin MIC distributions for wild-type, TR34/L98H and TR46/Y121F/T289A Aspergillus fumigatus isolates in the Netherlands. Journal of Antimicrobial Chemotherapy, 2015, 70, 178-181.	3.0	81

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91	Azoleâ€Resistant Central Nervous System Aspergillosis. Clinical Infectious Diseases, 2009, 48, 1111-1113.	5.8	80
92	Impact of cyp51A Mutations on the Pharmacokinetic and Pharmacodynamic Properties of Voriconazole in a Murine Model of Disseminated Aspergillosis. Antimicrobial Agents and Chemotherapy, 2010, 54, 4758-4764.	3.2	80
93	Validation of the FAM19A4 / mir124-2 DNA methylation test for both lavage- and brush-based self-samples to detect cervical (pre)cancer in HPV-positive women. Gynecologic Oncology, 2016, 141, 341-347.	1.4	80
94	In-host microevolution of Aspergillus fumigatus: A phenotypic and genotypic analysis. Fungal Genetics and Biology, 2018, 113, 1-13.	2.1	80
95	Structural and functional characterization of the coxsackievirus B3 CRE(2C): role of CRE(2C) in negative- and positive-strand RNA synthesis. Journal of General Virology, 2006, 87, 103-113.	2.9	78
96	In vitro activity of the novel antifungal compound F901318 against difficult-to-treat Aspergillus isolates. Journal of Antimicrobial Chemotherapy, 2017, 72, 2548-2552.	3.0	78
97	Genotypic Characterization of Sequential Candida albicans Isolates from Fluconazole-Treated Neutropenic Patients. Journal of Infectious Diseases, 1994, 169, 1062-1070.	4.0	77
98	Typing of Aspergillus species and Aspergillus fumigatus isolates by interrepeat polymerase chain reaction. Journal of Clinical Microbiology, 1993, 31, 2502-2505.	3.9	76
99	Identification of Toxoplasma gondii infections by BI gene amplification. Journal of Clinical Microbiology, 1991, 29, 2120-2124.	3.9	75
100	Epidemiological and clinical aspects of human papillomavirus detection in the prevention of cervical cancer. Reviews in Medical Virology, 2004, 14, 95-105.	8.3	74
101	Comparison of Two Commercial Assays for Detection of Human Papillomavirus (HPV) in Cervical Scrape Specimens: Validation of the Roche AMPLICOR HPV Test as a Means To Screen for HPV Genotypes Associated with a Higher Risk of Cervical Disorders. Journal of Clinical Microbiology, 2005, 43, 2662-2667.	3.9	73
102	The potential role of selfâ€sampling for highâ€risk human papillomavirus detection in cervical cancer screening. Reviews in Medical Virology, 2011, 21, 139-153.	8.3	72
103	Genotypic Diversity of Coxiella burnetii in the 2007-2010 Q Fever Outbreak Episodes in The Netherlands. Journal of Clinical Microbiology, 2012, 50, 1076-1078.	3.9	71
104	High-risk human papillomavirus detection in self-sampling compared to physician-taken smear in a responder population of the Dutch cervical screening: Results of the VERA study. Preventive Medicine, 2017, 101, 96-101.	3.4	71
105	The Mengovirus Leader Protein Suppresses Alpha/Beta Interferon Production by Inhibition of the Iron/Ferritin-Mediated Activation of NF-Î²B. Journal of Virology, 2002, 76, 9664-9672.	3.4	70
106	Reasons for non-attendance to cervical screening and preferences for HPV self-sampling in Dutch women. Preventive Medicine, 2014, 64, 108-113.	3.4	70
107	Discrimination of Aspergillosis, Mucormycosis, Fusariosis, and Scedosporiosis in Formalin-Fixed Paraffin-Embedded Tissue Specimens by Use of Multiple Real-Time Quantitative PCR Assays. Journal of Clinical Microbiology, 2016, 54, 2798-2803.	3.9	68
108	The one health problem of azole resistance in Aspergillus fumigatus: current insights and future research agenda. Fungal Biology Reviews, 2020, 34, 202-214.	4.7	68

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109	Molecular Mechanisms of Conidial Germination in Aspergillus spp. Microbiology and Molecular Biology Reviews, 2020, 84, .	6.6	68
110	In Vitro Release by Aspergillus fumigatus of Galactofuranose Antigens, 1,3-Â-D-Glucan, and DNA, Surrogate Markers Used for Diagnosis of Invasive Aspergillosis. Journal of Clinical Microbiology, 2006, 44, 1711-1718.	3.9	67
111	Value of the Polymerase Chain Reaction for the Detection of Toxoplasma gondii in Cerebrospinal Fluid from Patients with AIDS. Clinical Infectious Diseases, 1993, 16, 661-666.	5.8	66
112	Detection of Enterovirus RNA in Peripheral Blood Mononuclear Cells of Type 1 Diabetic Patients Beyond the Stage of Acute Infection. Viral Immunology, 2010, 23, 99-104.	1.3	66
113	Enterovirus protein 2B po(u)res out the calcium: a viral strategy to survive?. Trends in Microbiology, 2005, 13, 41-44.	7.7	65
114	Long-Lasting Increased Risk of Human Papillomavirusâ€"Related Carcinomas and Premalignancies After Cervical Intraepithelial Neoplasia Grade 3: A Population-Based Cohort Study. Journal of Clinical Oncology, 2017, 35, 2542-2550.	1.6	64
115	Molecular Determinants of the Interaction between Coxsackievirus Protein 3A and Guanine Nucleotide Exchange Factor GBF1. Journal of Virology, 2007, 81, 5238-5245.	3.4	63
116	Ultrastructural Proof of Polyomavirus in Merkel Cell Carcinoma Tumour Cells and Its Absence in Small Cell Carcinoma of the Lung. PLoS ONE, 2009, 4, e4958.	2.5	62
117	PDTC inhibits picornavirus polyprotein processing and RNA replication by transporting zinc ions into cells. Journal of General Virology, 2007, 88, 1206-1217.	2.9	61
118	Sexual Behaviour and HPV Infections in 18 to 29 Year Old Women in the Pre-Vaccine Era in the Netherlands. PLoS ONE, 2008, 3, e3743.	2.5	61
119	Endoscope disinfection and its pitfalls - requirement for retrograde surveillance cultures. Endoscopy, 2008, 40, 327-332.	1.8	60
120	Efficacy and pharmacodynamics of voriconazole combined with anidulafungin in azole-resistant invasive aspergillosis. Journal of Antimicrobial Chemotherapy, 2013, 68, 385-393.	3.0	60
121	Pharmacodynamics of Isavuconazole in an Aspergillus fumigatus Mouse Infection Model. Antimicrobial Agents and Chemotherapy, 2015, 59, 2855-2866.	3.2	60
122	Vulvar cancer: Two pathways with different localization and prognosis. Gynecologic Oncology, 2018, 149, 310-317.	1.4	60
123	Burning wood in the kitchen increases the risk of cervical neoplasia in HPV-infected women in Honduras. International Journal of Cancer, 2002, 97, 536-541.	5.1	59
124	Toxoplasmosis after Renal Transplantation: Implications of a Missed Diagnosis. Journal of Clinical Microbiology, 2005, 43, 3544-3547.	3.9	59
125	The structureâ€"function relationship of the enterovirus 3â€²-UTR. Virus Research, 2009, 139, 209-216.	2.2	59
126	Dry Storage and Transport of a Cervicovaginal Self-Sample by Use of the Evalyn Brush, Providing Reliable Human Papillomavirus Detection Combined with Comfort for Women. Journal of Clinical Microbiology, 2012, 50, 3937-3943.	3.9	59

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127	Comparative performance of novel selfâ€sampling methods in detecting highâ€risk human papillomavirus in 30,130 women not attending cervical screening. International Journal of Cancer, 2015, 136, 646-655.	5.1	59
128	Azole-ResistantAspergillus fumigatus, Iran. Emerging Infectious Diseases, 2013, 19, 832-834.	4.3	58
129	Inter-laboratory comparison of three different real-time PCR assays for the detection of Pneumocystis jiroveci in bronchoalveolar lavage fluid samples. Journal of Medical Microbiology, 2006, 55, 1229-1235.	1.8	57
130	Anogenital Malignancies in Women After Renal Transplantation Over 40 Years in a Single Center. Transplantation, 2012, 93, 914-922.	1.0	57
131	Enteroviruses and the Chronic Fatigue Syndrome. Clinical Infectious Diseases, 1994, 19, 860-864.	5.8	56
132	AgarCyto: A Novel Cell-processing Method for Multiple Molecular Diagnostic Analyses of the Uterine Cervix. Journal of Histochemistry and Cytochemistry, 2000, 48, 709-718.	2.5	56
133	Rapid Diagnosis of Azole-Resistant Aspergillosis by Direct PCR Using Tissue Specimens. Journal of Clinical Microbiology, 2010, 48, 1478-1480.	3.9	56
134	Triazole fungicides and the selection of resistance to medical triazoles in the opportunistic mould Aspergillus fumigatus. Pest Management Science, 2013, 69, 165-170.	3.4	56
135	The postpolio syndrome: No evidence for poliovirus persistence. Annals of Neurology, 1992, 32, 728-732.	5.3	55
136	Emericellaquadrilineataas Cause of Invasive Aspergillosis. Emerging Infectious Diseases, 2008, 14, 566-572.	4.3	55
137	Identification and Validation of a 3-Gene Methylation Classifier for HPV-Based Cervical Screening on Self-Samples. Clinical Cancer Research, 2018, 24, 3456-3464.	7.0	55
138	Prevalence and diversity of filamentous fungi in the airways of cystic fibrosis patients â€“ A Dutch, multicentre study. Journal of Cystic Fibrosis, 2019, 18, 221-226.	0.7	55
139	Case series of four secondary mucormycosis infections in COVID-19 patients, the Netherlands, December 2020 to May 2021. Eurosurveillance, 2021, 26, .	7.0	55
140	Structural requirements of the higher order RNA kissing element in the enteroviral 3'UTR. Nucleic Acids Research, 1999, 27, 485-490.	14.5	54
141	Neuroinvasion by human herpesvirus type 7 in a case of exanthem subitum with severe neurologic manifestations. Neurology, 1999, 52, 1077-1077.	1.1	51
142	Identification of Pseudallescheria and Scedosporium Species by Three Molecular Methods. Journal of Clinical Microbiology, 2011, 49, 960-967.	3.9	51
143	Evolution of cross-resistance to medical triazoles inAspergillus fumigatusthrough selection pressure of environmental fungicides. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170635.	2.6	51
144	Facilitators of adaptation and antifungal resistance mechanisms in clinically relevant fungi. Fungal Genetics and Biology, 2019, 132, 103254.	2.1	51

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145	Trends in Azole Resistance in Aspergillus fumigatus, the Netherlands, 1994â€“2016. Emerging Infectious Diseases, 2019, 25, 176-178.	4.3	51
146	Homomultimerization of the Coxsackievirus 2B Protein in Living Cells Visualized by Fluorescence Resonance Energy Transfer Microscopy. Journal of Virology, 2002, 76, 9446-9456.	3.4	50
147	Polyadenylation of genomic RNA and initiation of antigenomic RNA in a positive-strand RNA virus are controlled by the same cis-element. Nucleic Acids Research, 2006, 34, 2953-2965.	14.5	50
148	Aspergillus Test Profiles and Mortality in Critically Ill COVID-19 Patients. Journal of Clinical Microbiology, 2021, 59, e0122921.	3.9	50
149	Co-factors related to the causal relationship between human papillomavirus and invasive cervical cancer in Honduras. International Journal of Epidemiology, 2000, 29, 817-825.	1.9	49
150	Interlaboratory Evaluation of Different Extraction and Real-Time PCR Methods for Detection ofCoxiella burnetiiDNA in Serum. Journal of Clinical Microbiology, 2010, 48, 3923-3927.	3.9	49
151	Azole resistance surveillance inAspergillus fumigatus: beneficial or biased?. Journal of Antimicrobial Chemotherapy, 2016, 71, 2079-2082.	3.0	49
152	Evaluation of p16/Ki-67 dual-stained cytology as triage test for high-risk human papillomavirus-positive women. Modern Pathology, 2017, 30, 1021-1031.	5.5	49
153	The incidence of congenital cytomegalovirus infections in The Netherlands. Journal of Medical Virology, 2005, 76, 71-75.	5.0	48
154	Clinical and laboratory evaluation of a real-time PCR for Clostridium difficile toxin A and B genes. European Journal of Clinical Microbiology and Infectious Diseases, 2012, 31, 2219-2225.	2.9	47
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