

John W A Rossen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5826039/publications.pdf>

Version: 2024-02-01

219
papers

8,408
citations

61857

43
h-index

66788

78
g-index

243
all docs

243
docs citations

243
times ranked

11939
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleocapsid-independent assembly of coronavirus-like particles by co-expression of viral envelope protein genes.. EMBO Journal, 1996, 15, 2020-2028.	3.5	435
2	Application of next generation sequencing in clinical microbiology and infection prevention. Journal of Biotechnology, 2017, 243, 16-24.	1.9	414
3	Variability and Diversity of Nasopharyngeal Microbiota in Children: A Metagenomic Analysis. PLoS ONE, 2011, 6, e17035.	1.1	399
4	The MUC family: an obituary. Trends in Biochemical Sciences, 2002, 27, 126-131.	3.7	335
5	Practical issues in implementing whole-genome-sequencing in routine diagnostic microbiology. Clinical Microbiology and Infection, 2018, 24, 355-360.	2.8	214
6	Innovative and rapid antimicrobial susceptibility testing systems. Nature Reviews Microbiology, 2020, 18, 299-311.	13.6	204
7	During Viral Infection of the Respiratory Tract, CD27, 4-1BB, and OX40 Collectively Determine Formation of CD8+ Memory T Cells and Their Capacity for Secondary Expansion. Journal of Immunology, 2005, 175, 1665-1676.	0.4	186
8	Associations between Pathogens in the Upper Respiratory Tract of Young Children: Interplay between Viruses and Bacteria. PLoS ONE, 2012, 7, e47711.	1.1	177
9	Dysbiosis of upper respiratory tract microbiota in elderly pneumonia patients. ISME Journal, 2016, 10, 97-108.	4.4	166
10	The dominance of human coronavirus OC43 and NL63 infections in infants. Journal of Clinical Virology, 2012, 53, 135-139.	1.6	161
11	Enterovirus and parechovirus infection in children: a brief overview. European Journal of Pediatrics, 2016, 175, 1023-1029.	1.3	139
12	Disease severity and viral load are correlated in infants with primary respiratory syncytial virus infection in the community. Journal of Medical Virology, 2010, 82, 1266-1271.	2.5	138
13	Diagnosis of bloodstream infections from positive blood cultures and directly from blood samples: recent developments in molecular approaches. Clinical Microbiology and Infection, 2018, 24, 944-955.	2.8	138
14	Use of whole-genome sequencing to trace, control and characterize the regional expansion of extended-spectrum β -lactamase producing ST15 Klebsiella pneumoniae. Scientific Reports, 2016, 6, 20840.	1.6	117
15	Increased Detection of Respiratory Syncytial Virus, Influenza Viruses, Parainfluenza Viruses, and Adenoviruses with Real-Time PCR in Samples from Patients with Respiratory Symptoms. Journal of Clinical Microbiology, 2007, 45, 2260-2262.	1.8	112
16	Targeted next-generation sequencing of the 16S-23S rRNA region for culture-independent bacterial identification - increased discrimination of closely related species. Scientific Reports, 2017, 7, 3434.	1.6	110
17	A Systemic Neutrophil Response Precedes Robust CD8 + T-Cell Activation during Natural Respiratory Syncytial Virus Infection in Infants. Journal of Virology, 2010, 84, 2374-2383.	1.5	109
18	Strong Association between Respiratory Viral Infection Early after Hematopoietic Stem Cell Transplantation and the Development of Life-Threatening Acute and Chronic Alloimmune Lung Syndromes. Biology of Blood and Marrow Transplantation, 2010, 16, 782-791.	2.0	100

#	ARTICLE	IF	CITATIONS
19	Whole-Genome Multilocus Sequence Typing of Extended-Spectrum-Beta-Lactamase-Producing Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2016, 54, 2919-2927.	1.8	97
20	Presence of mcr-1-positive Enterobacteriaceae in retail chicken meat but not in humans in the Netherlands since 2009. <i>Eurosurveillance</i> , 2016, 21, 30149.	3.9	93
21	Assembly of Spikes into Coronavirus Particles Is Mediated by the Carboxy-Terminal Domain of the Spike Protein. <i>Journal of Virology</i> , 2000, 74, 1566-1571.	1.5	89
22	Enterococcus faecium: from microbiological insights to practical recommendations for infection control and diagnostics. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 130.	1.5	87
23	An outbreak of colistin-resistant <i>Klebsiella pneumoniae</i> carbapenemase-producing <i>Klebsiella pneumoniae</i> in the Netherlands (July to December 2013), with inter-institutional spread. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 1647-1655.	1.3	84
24	The phylogenetic landscape and nosocomial spread of the multidrug-resistant opportunist <i>Stenotrophomonas maltophilia</i> . <i>Nature Communications</i> , 2020, 11, 2044.	5.8	76
25	High Interlaboratory Reproducibility and Accuracy of Next-Generation-Sequencing-Based Bacterial Genotyping in a Ring Trial. <i>Journal of Clinical Microbiology</i> , 2017, 55, 908-913.	1.8	75
26	Genotypic Diversity of <i>Coxiella burnetii</i> in the 2007-2010 Q Fever Outbreak Episodes in The Netherlands. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1076-1078.	1.8	71
27	Critical steps in clinical shotgun metagenomics for the concomitant detection and typing of microbial pathogens. <i>Scientific Reports</i> , 2018, 8, 13767.	1.6	70
28	Is Shiga Toxin-Negative <i>Escherichia coli</i> O157:H7 Enteropathogenic or Enterohemorrhagic <i>Escherichia coli</i> ? Comprehensive Molecular Analysis Using Whole-Genome Sequencing. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3530-3538.	1.8	68
29	Virulence Factors of Enteric Pathogenic <i>Escherichia coli</i> : A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9922.	1.8	65
30	Prevalence of antimicrobial resistance genes in <i>Bacteroides</i> spp. and <i>Prevotella</i> spp. Dutch clinical isolates. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1156.e9-1156.e13.	2.8	63
31	Inhibition of Cyclooxygenase Activity Reduces Rotavirus Infection at a Postbinding Step. <i>Journal of Virology</i> , 2004, 78, 9721-9730.	1.5	59
32	The value of signs and symptoms in differentiating between bacterial, viral and mixed aetiology in patients with community-acquired pneumonia. <i>Journal of Medical Microbiology</i> , 2014, 63, 441-452.	0.7	59
33	Performance Evaluation of the New Roche Cobas AmpliPrep/Cobas TaqMan HIV-1 Test Version 2.0 for Quantification of Human Immunodeficiency Virus Type 1 RNA. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1195-1200.	1.8	58
34	Interaction of mouse hepatitis virus (MHV) spike glycoprotein with receptor glycoprotein MHVR is required for infection with an MHV strain that expresses the hemagglutinin-esterase glycoprotein. <i>Journal of Virology</i> , 1995, 69, 889-895.	1.5	58
35	Diagnostic value of real-time polymerase chain reaction to detect viruses in young children admitted to the paediatric intensive care unit with lower respiratory tract infection. <i>Critical Care</i> , 2006, 10, R61.	2.5	56
36	Typing and Species Identification of Clinical <i>Klebsiella</i> Isolates by Fourier Transform Infrared Spectroscopy and Matrix-Assisted Laser Desorption Ionization-“Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	56

#	ARTICLE	IF	CITATIONS
37	Absence of human metapneumovirus co-infection in cases of severe respiratory syncytial virus infection. <i>Pediatric Pulmonology</i> , 2006, 41, 872-874.	1.0	55
38	Genomic organization and expression of the 3' end of the canine and feline enteric coronaviruses. <i>Virology</i> , 1992, 191, 134-140.	1.1	53
39	The tongue microbiome in healthy subjects and patients with intra-oral halitosis. <i>Journal of Breath Research</i> , 2017, 11, 036010.	1.5	53
40	Prospective comparison of the detection rates of human enterovirus and parechovirus RT-qPCR and viral culture in different pediatric specimens. <i>Journal of Clinical Virology</i> , 2013, 58, 449-454.	1.6	52
41	Characterization of a CTX-M-15 Producing <i>Klebsiella Pneumoniae</i> Outbreak Strain Assigned to a Novel Sequence Type (1427). <i>Frontiers in Microbiology</i> , 2015, 6, 1250.	1.5	52
42	Interlaboratory Evaluation of Different Extraction and Real-Time PCR Methods for Detection of <i>Coxiella burnetii</i> DNA in Serum. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3923-3927.	1.8	49
43	The peptidylarginine deiminase gene is a conserved feature of <i>Porphyromonas gingivalis</i> . <i>Scientific Reports</i> , 2015, 5, 13936.	1.6	49
44	The Viral Spike Protein Is Not Involved in the Polarized Sorting of Coronaviruses in Epithelial Cells. <i>Journal of Virology</i> , 1998, 72, 497-503.	1.5	47
45	Norovirus disease associated with excess mortality and use of statins: a retrospective cohort study of an outbreak following a pilgrimage to Lourdes. <i>Epidemiology and Infection</i> , 2011, 139, 453-463.	1.0	47
46	Metagenomic Characterization of the Human Intestinal Microbiota in Fecal Samples from STEC-Infected Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 25.	1.8	47
47	Efficacy of Home Telemonitoring versus Conventional Follow-up: A Randomized Controlled Trial among Teenagers with Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 432-441.	0.6	46
48	Dynamics of Human Respiratory Virus-Specific CD8+ T Cell Responses in Blood and Airways during Episodes of Common Cold. <i>Journal of Immunology</i> , 2008, 181, 5551-5559.	0.4	44
49	September through October 2010 multi-centre study in the Netherlands examining laboratory ability to detect enterovirus 68, an emerging respiratory pathogen. <i>Journal of Virological Methods</i> , 2013, 190, 53-62.	1.0	44
50	Emerging infections"an increasingly important topic: review by the Emerging Infections Task Force. <i>Clinical Microbiology and Infection</i> , 2018, 24, 369-375.	2.8	44
51	Entry and release of transmissible gastroenteritis coronavirus are restricted to apical surfaces of polarized epithelial cells. <i>Journal of Virology</i> , 1994, 68, 7966-7973.	1.5	44
52	Diagnostic value of respiratory virus detection in symptomatic children using real-time PCR. <i>Virology Journal</i> , 2012, 9, 276.	1.4	42
53	Clinical Epidemiology of Bocavirus, Rhinovirus, Two Polyomaviruses and Four Coronaviruses in HIV-Infected and HIV-Uninfected South African Children. <i>PLoS ONE</i> , 2014, 9, e86448.	1.1	42
54	Comprehensive Molecular Characterization of <i>Escherichia coli</i> Isolates from Urine Samples of Hospitalized Patients in Rio de Janeiro, Brazil. <i>Frontiers in Microbiology</i> , 2018, 9, 243.	1.5	42

#	ARTICLE	IF	CITATIONS
55	A Comparison of Three Different Bioinformatics Analyses of the 16S rRNA Encoding Region for Bacterial Identification. <i>Frontiers in Microbiology</i> , 2019, 10, 620.	1.5	42
56	Rotavirus Enterotoxin NSP4 Binds to the Extracellular Matrix Proteins Laminin- α 2 β 3 and Fibronectin. <i>Journal of Virology</i> , 2004, 78, 10045-10053.	1.5	40
57	Increased risk of pneumonia in residents living near poultry farms: does the upper respiratory tract microbiota play a role?. <i>Pneumonia (Nathan Qld)</i> , 2017, 9, 3.	2.5	40
58	Immunogenicity, Boostability, and Sustainability of the Immune Response after Vaccination against Influenza A Virus (H1N1) 2009 in a Healthy Population. <i>Vaccine Journal</i> , 2011, 18, 1401-1405.	3.2	39
59	Cyclooxygenase activity is important for efficient replication of mouse hepatitis virus at an early stage of infection. <i>Virology Journal</i> , 2007, 4, 55.	1.4	38
60	Characteristics of pediatric patients with enterovirus meningitis and no cerebral fluid pleocytosis. <i>European Journal of Pediatrics</i> , 2012, 171, 795-800.	1.3	37
61	Sputum microbiome profiling in COPD: beyond singular pathogen detection. <i>Thorax</i> , 2020, 75, 338-344.	2.7	37
62	Expansion of KPC-producing <i>Klebsiella pneumoniae</i> with various mgrB mutations giving rise to colistin resistance: the role of IS L3 on plasmids. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 260-265.	1.1	35
63	Core/Whole Genome Multilocus Sequence Typing and Core Genome SNP-Based Typing of OXA-48-Producing <i>Klebsiella pneumoniae</i> Clinical Isolates From Spain. <i>Frontiers in Microbiology</i> , 2019, 10, 2961.	1.5	35
64	Assessing the Public Health Risk of Shiga Toxin-Producing <i>Escherichia coli</i> by Use of a Rapid Diagnostic Screening Algorithm. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1588-1598.	1.8	34
65	Reprint of "Application of next generation sequencing in clinical microbiology and infection prevention". <i>Journal of Biotechnology</i> , 2017, 250, 2-10.	1.9	34
66	Human Rhinovirus and Wheezing. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 827-833.	1.1	34
67	Isolation of an NDM-5-producing ST16 <i>Klebsiella pneumoniae</i> from a Dutch patient without travel history abroad, August 2015. <i>Eurosurveillance</i> , 2015, 20, .	3.9	33
68	Laboratory-based surveillance in the molecular era: the TYPENED model, a joint data-sharing platform for clinical and public health laboratories. <i>Eurosurveillance</i> , 2013, 18, 20387.	3.9	33
69	Emergence of pan-resistance in KPC-2 carbapenemase-producing <i>Klebsiella pneumoniae</i> in Crete, Greece: a close call. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1207-1212.	1.3	32
70	MRSA Prevalence and Associated Risk Factors among Health-Care Workers in Non-outbreak Situations in the Dutch-German EUREGIO. <i>Frontiers in Microbiology</i> , 2016, 7, 1273.	1.5	31
71	There's no place like OM: Vesicular sorting and secretion of the peptidylarginine deiminase of <i>Porphyromonas gingivalis</i> . <i>Virulence</i> , 2018, 9, 459-467.	1.8	31
72	The challenges of designing a benchmark strategy for bioinformatics pipelines in the identification of antimicrobial resistance determinants using next generation sequencing technologies. <i>F1000Research</i> , 2018, 7, 459.	0.8	31

#	ARTICLE	IF	CITATIONS
73	Contact precautions in single-bed or multiple-bed rooms for patients with extended-spectrum β -lactamase-producing Enterobacteriaceae in Dutch hospitals: a cluster-randomised, crossover, non-inferiority study. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 1069-1079.	4.6	31
74	Epidemiology of Extended-Spectrum β -Lactamase-Producing <i>E. coli</i> and Vancomycin-Resistant Enterococci in the Northern Dutch-German Cross-Border Region. <i>Frontiers in Microbiology</i> , 2017, 8, 1914.	1.5	30
75	Characterization of the population structure, drug resistance mechanisms and plasmids of the community-associated <i>Enterobacter cloacae</i> complex in China. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 66-76.	1.3	30
76	Human Bocavirus and KI/WU Polyomaviruses in Pediatric Intensive Care Patients. <i>Emerging Infectious Diseases</i> , 2009, 15, 454-457.	2.0	28
77	Profiling of Humoral Response to Influenza A(H1N1)pdm09 Infection and Vaccination Measured by a Protein Microarray in Persons with and without History of Seasonal Vaccination. <i>PLoS ONE</i> , 2013, 8, e54890.	1.1	28
78	Genetic characterization of Shiga toxin-producing <i>Escherichia coli</i> O26:H11 strains isolated from animal, food, and clinical samples. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 74.	1.8	28
79	Prospective assessment of clinical symptoms associated with enterovirus and parechovirus genotypes in a multicenter study in Dutch children. <i>Journal of Clinical Virology</i> , 2016, 77, 15-20.	1.6	28
80	Integrated Stewardship Model Comprising Antimicrobial, Infection Prevention, and Diagnostic Stewardship (AID Stewardship). <i>Journal of Clinical Microbiology</i> , 2017, 55, 3306-3307.	1.8	28
81	Viral and bacterial aetiology of community-acquired pneumonia in adults. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 567-573.	1.5	27
82	DETECTION OF GIARDIA LAMBLIA, CRYPTOSPORIDIUM SPP. AND ENTAMOEBA HISTOLYTICAIN CLINICAL STOOL SAMPLES BY USING MULTIPLEX REAL-TIME PCR AFTER AUTOMATED DNA ISOLATION. <i>Acta Clinica Belgica</i> , 2013, 68, 188-192.	0.5	27
83	Molecular Typing of Enterobacteriaceae from Pig Holdings in North-Western Germany Reveals Extended-Spectrum and AmpC β -Lactamases Producing but no Carbapenem Resistant Ones. <i>PLoS ONE</i> , 2015, 10, e0134533.	1.1	27
84	Unusual severe case of hemolytic uremic syndrome due to Shiga toxin 2d-producing <i>E. coli</i> O80:H2. <i>Pediatric Nephrology</i> , 2017, 32, 1263-1268.	0.9	27
85	Elucidating vancomycin-resistant <i>Enterococcus faecium</i> outbreaks: the role of clonal spread and movement of mobile genetic elements. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3259-3267.	1.3	27
86	Preparing the outbreak assistance laboratory network in the Netherlands for the detection of the influenza virus A(H1N1) variant. <i>Journal of Clinical Virology</i> , 2009, 45, 179-184.	1.6	26
87	Coronavirus infection of polarized epithelial cells. <i>Trends in Microbiology</i> , 1995, 3, 486-490.	3.5	25
88	Coronavirus Escape from Heptad Repeat 2 (HR2)-Derived Peptide Entry Inhibition as a Result of Mutations in the HR1 Domain of the Spike Fusion Protein. <i>Journal of Virology</i> , 2008, 82, 2580-2585.	1.5	25
89	Performance of cobas [®] 4800 and m2000 real-time [™] assays for detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> in rectal and self-collected vaginal specimen. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 77, 101-105.	0.8	25
90	Cross-border comparison of the Dutch and German guidelines on multidrug-resistant Gram-negative microorganisms. <i>Antimicrobial Resistance and Infection Control</i> , 2015, 4, 7.	1.5	25

#	ARTICLE	IF	CITATIONS
91	Silent transmission of an IS 1294b -deactivated mcr-1 gene with inducible colistin resistance. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 822-828.	1.1	25
92	Epidemiology of <i>Staphylococcus aureus</i> in a burn unit of a tertiary care center in Ghana. <i>PLoS ONE</i> , 2017, 12, e0181072.	1.1	25
93	MHV-A59 Enters Polarized Murine Epithelial Cells through the Apical Surface but Is Released Basolaterally. <i>Virology</i> , 1995, 210, 54-66.	1.1	24
94	Molecular Quantification of Respiratory Syncytial Virus in Respiratory Samples: Reliable Detection during the Initial Phase of Infection. <i>Journal of Clinical Microbiology</i> , 2010, 48, 3569-3574.	1.8	24
95	Genetic loci of <i>Staphylococcus aureus</i> associated with anti-neutrophil cytoplasmic autoantibody (ANCA)-associated vasculitides. <i>Scientific Reports</i> , 2017, 7, 12211.	1.6	24
96	Revealing the Virulence Potential of Clinical and Environmental <i>Aspergillus fumigatus</i> Isolates Using Whole-Genome Sequencing. <i>Frontiers in Microbiology</i> , 2019, 10, 1970.	1.5	24
97	The challenges of designing a benchmark strategy for bioinformatics pipelines in the identification of antimicrobial resistance determinants using next generation sequencing technologies. <i>F1000Research</i> , 2018, 7, 459.	0.8	24
98	Detection of enterovirus RNA in cerebrospinal fluid: Comparison of two molecular assays. <i>Journal of Virological Methods</i> , 2012, 179, 104-107.	1.0	23
99	Contribution of AcrAB-TolC to multidrug resistance in an <i>Escherichia coli</i> sequence type 131 isolate. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 477-481.	1.1	23
100	Latent introduction to the Netherlands of multiple antibiotic resistance including NDM-1 after hospitalisation in Egypt, August 2013. <i>Eurosurveillance</i> , 2013, 18, .	3.9	23
101	Three metronidazole-resistant <i>Prevotella bivia</i> strains harbour a mobile element, encoding a novel nim gene, nimK, and an efflux small MDR transporter. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2687-2690.	1.3	22
102	<i>Campylobacter blaseri</i> sp. nov., isolated from common seals (<i>Phoca vitulina</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1787-1794.	0.8	22
103	Prevalence and Pathogenicity of WU and KI Polyomaviruses in Children, the Netherlands. <i>Emerging Infectious Diseases</i> , 2008, 14, 1787-1789.	2.0	21
104	OXY-2-15, a novel variant showing increased ceftazidime hydrolytic activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1429-1433.	1.3	21
105	Genetic Diversity of <i>Staphylococcus aureus</i> in Buruli Ulcer. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003421.	1.3	21
106	Comparative genomics reveals a lack of evidence for pigeons as a main source of stx2f-carrying <i>Escherichia coli</i> causing disease in humans and the common existence of hybrid Shiga toxin-producing and enteropathogenic <i>E. coli</i> pathotypes. <i>BMC Genomics</i> , 2019, 20, 271.	1.2	21
107	Proof of an Outer Membrane Target of the Efflux Inhibitor Phe-Arg- $\hat{\imath}$ -Naphthylamide from Random Mutagenesis. <i>Molecules</i> , 2019, 24, 470.	1.7	21
108	Whole-Genome Characterization and Genotyping of Global WU Polyomavirus Strains. <i>Journal of Virology</i> , 2010, 84, 6229-6234.	1.5	20

#	ARTICLE	IF	CITATIONS
109	Evaluation of the Xpert <i>vanA</i> / <i>vanB</i> Assay Using Enriched Inoculated Broths for Direct Detection of <i>vanB</i> Vancomycin-Resistant Enterococci. <i>Journal of Clinical Microbiology</i> , 2014, 52, 4293-4297.	1.8	20
110	Low anti-staphylococcal IgG responses in granulomatosis with polyangiitis patients despite long-term <i>Staphylococcus aureus</i> exposure. <i>Scientific Reports</i> , 2015, 5, 8188.	1.6	20
111	A novel Tn1696-like composite transposon (Tn6404) harboring bla _{IMP-4} in a <i>Klebsiella pneumoniae</i> isolate carrying a rare ESBL gene bla _{SFO-1} . <i>Scientific Reports</i> , 2017, 7, 17321.	1.6	20
112	Antibiotic Resistance Plasmids Cointegrated into a Megaplasmid Harboring the <i>bla</i> _{OXA-427} Carbapenemase Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	20
113	Comparison of 14 Molecular Assays for Detection of <i>Mycobacterium tuberculosis</i> Complex in Bronchoalveolar Lavage Fluid. <i>Journal of Clinical Microbiology</i> , 2013, 51, 3505-3511.	1.8	19
114	Evaluation of yield of currently available diagnostics by sample type to optimize detection of respiratory pathogens in patients with a community-acquired pneumonia. <i>Influenza and Other Respiratory Viruses</i> , 2014, 8, 243-249.	1.5	19
115	Prevalence, risk factors and molecular epidemiology of highly resistant gram negative rods in hospitalized patients in the Dutch region Kennemerland. <i>Antimicrobial Resistance and Infection Control</i> , 2016, 5, 8.	1.5	19
116	No evidence for cross-protection of the HPV-16/18 vaccine against HPV-6/11 positivity in female STI clinic visitors. <i>Journal of Infection</i> , 2017, 74, 393-400.	1.7	19
117	Conserved Citrullinating Exoenzymes in <i>Porphyromonas</i> Species. <i>Journal of Dental Research</i> , 2018, 97, 556-562.	2.5	19
118	Incidence, clinical implications and impact on public health of infections with <i>Shigella</i> spp. and entero-invasive <i>Escherichia coli</i> (EIEC): results of a multicenter cross-sectional study in the Netherlands during 2016-2017. <i>BMC Infectious Diseases</i> , 2019, 19, 1037.	1.3	19
119	The Equine Faecal Microbiota of Healthy Horses and Ponies in The Netherlands: Impact of Host and Environmental Factors. <i>Animals</i> , 2021, 11, 1762.	1.0	19
120	Structural characterisation of Toll-like receptor 1 (TLR1) and Toll-like receptor 6 (TLR6) in elephant and harbor seals. <i>Veterinary Immunology and Immunopathology</i> , 2016, 169, 10-14.	0.5	18
121	Clinical sensitivity and specificity of the Check-Points Check-Direct ESBL Screen for BD MAX, a real-time PCR for direct ESBL detection from rectal swabs. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2512-2518.	1.3	18
122	Extensive colonization with carbapenemase-producing microorganisms in Romanian burn patients: infectious consequences from the Colectiv fire disaster. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 175-183.	1.3	18
123	Description of <i>Citrobacter cronae</i> sp. nov., isolated from human rectal swabs and stool samples. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2998-3003.	0.8	18
124	Antibiotic Resistance and Molecular Characterization of <i>Cronobacter sakazakii</i> Strains Isolated from Powdered Infant Formula Milk. <i>Foods</i> , 2022, 11, 1093.	1.9	18
125	A Murine and a Porcine Coronavirus Are Released from Opposite Surfaces of the Same Epithelial Cells. <i>Virology</i> , 1996, 224, 345-351.	1.1	17
126	First report of invasive liver abscess syndrome with endophthalmitis caused by a K2 serotype ST2398 hypervirulent <i>Klebsiella pneumoniae</i> in Germany, 2016. <i>New Microbes and New Infections</i> , 2017, 17, 77-80.	0.8	17

#	ARTICLE	IF	CITATIONS
127	Antimicrobial Resistance in Class 1 Integron-Positive Shiga Toxin-Producing <i>Escherichia coli</i> Isolated from Cattle, Pigs, Food and Farm Environment. <i>Microorganisms</i> , 2018, 6, 99.	1.6	17
128	Admission prevalence and acquisition of nasal carriage of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in German rehabilitation centres. <i>Journal of Hospital Infection</i> , 2014, 87, 115-118.	1.4	16
129	Comprehensive Characterization of <i>Escherichia coli</i> O104:H4 Isolated from Patients in the Netherlands. <i>Frontiers in Microbiology</i> , 2015, 6, 1348.	1.5	16
130	Identification of a Novel Genomic Island Associated with <i>vanD</i> -Type Vancomycin Resistance in Six Dutch Vancomycin-Resistant <i>Enterococcus faecium</i> Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	16
131	Detection of <i>Legionella anisa</i> in Water from Hospital Dental Chair Units and Molecular Characterization by Whole-Genome Sequencing. <i>Microorganisms</i> , 2018, 6, 71.	1.6	16
132	Virulence potential of <i>Staphylococcus aureus</i> isolates from Buruli ulcer patients. <i>International Journal of Medical Microbiology</i> , 2017, 307, 223-232.	1.5	15
133	Real-time genomic investigation underlying the public health response to a Shiga toxin-producing <i>Escherichia coli</i> O26:H11 outbreak in a nursery. <i>Epidemiology and Infection</i> , 2017, 145, 2998-3006.	1.0	15
134	Fosfomycin Etest for Enterobacteriaceae: Interobserver and interlaboratory agreement. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 678-681.	1.1	15
135	Surveillance-embedded genomic outbreak resolution of methicillin-susceptible <i>Staphylococcus aureus</i> in a neonatal intensive care unit. <i>Scientific Reports</i> , 2020, 10, 2619.	1.6	15
136	First detection of porcine respirovirus 1 in Germany and the Netherlands. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 3120-3125.	1.3	15
137	Mouse hepatitis virus strain A59 is released from opposite sides of different epithelial cell types.. <i>Journal of General Virology</i> , 1997, 78, 61-69.	1.3	15
138	Feline and canine coronaviruses are released from the basolateral side of polarized epithelial LLC-PK1 cells expressing the recombinant feline aminopeptidase-N cDNA. <i>Archives of Virology</i> , 2001, 146, 791-799.	0.9	14
139	Commonality of Multidrug-Resistant <i>Klebsiella pneumoniae</i> ST348 Isolates in Horses and Humans in Portugal. <i>Frontiers in Microbiology</i> , 2019, 10, 1657.	1.5	14
140	Sonication of heart valves detects more bacteria in infective endocarditis. <i>Scientific Reports</i> , 2018, 8, 12967.	1.6	13
141	Association between rectal colonization with Highly Resistant Gram-negative Rods (HR-GNRs) and subsequent infection with HR-GNRs in clinical patients: A one year historical cohort study. <i>PLoS ONE</i> , 2019, 14, e0211016.	1.1	13
142	A Multifactorial Approach for Surveillance of <i>Shigella</i> spp. and Entero-Invasive <i>Escherichia coli</i> Is Important for Detecting (Inter)national Clusters. <i>Frontiers in Microbiology</i> , 2020, 11, 564103.	1.5	13
143	Assessment of Viral Targeted Sequence Capture Using Nanopore Sequencing Directly from Clinical Samples. <i>Viruses</i> , 2020, 12, 1358.	1.5	13
144	Within-patient plasmid dynamics in <i>Klebsiella pneumoniae</i> during an outbreak of a carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>PLoS ONE</i> , 2020, 15, e0233313.	1.1	13

#	ARTICLE	IF	CITATIONS
145	Evaluation of whole-genome sequence data analysis approaches for short- and long-read sequencing of <i>Mycobacterium tuberculosis</i> . <i>Microbial Genomics</i> , 2021, 7, .	1.0	13
146	Molecular Characterization of <i>Staphylococcus aureus</i> Isolates Transmitted between Patients with Buruli Ulcer. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004049.	1.3	12
147	Extended-spectrum beta-lactamase producing <i>Enterobacteriaceae</i> (ESBL-E) isolated from bean sprouts in the Netherlands. <i>PLoS ONE</i> , 2018, 13, e0203338.	1.1	12
148	Evaluation of a Culture-Dependent Algorithm and a Molecular Algorithm for Identification of <i>Shigella</i> spp., <i>Escherichia coli</i> , and Enteroinvasive <i>E. coli</i> . <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	12
149	Proportion of asylum seekers carrying multi-drug resistant microorganisms is persistently increased after arrival in the Netherlands. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 6.	1.5	12
150	Limited Multidrug Resistance Efflux Pump Overexpression among Multidrug-Resistant <i>Escherichia coli</i> Strains of ST131. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	12
151	Strengthening the diagnostic capacity to detect Bio Safety Level 3 organisms in unusual respiratory viral outbreaks. <i>Journal of Clinical Virology</i> , 2009, 45, 185-190.	1.6	11
152	Impact of PCR for respiratory viruses on antibiotic use: Theory and practice. <i>Pediatric Pulmonology</i> , 2011, 46, 428-434.	1.0	11
153	Changes in oral microflora after full-mouth tooth extraction: a prospective cohort study. <i>Journal of Clinical Periodontology</i> , 2014, 41, 981-989.	2.3	11
154	Virulence, Antimicrobial Resistance Properties and Phylogenetic Background of Non-H7 Enteropathogenic <i>Escherichia coli</i> O157. <i>Frontiers in Microbiology</i> , 2016, 7, 1540.	1.5	11
155	Methicillin Resistant <i>Staphylococcus aureus</i> Transmission in a Ghanaian Burn Unit: The Importance of Active Surveillance in Resource-Limited Settings. <i>Frontiers in Microbiology</i> , 2017, 8, 1906.	1.5	11
156	ArgO145, a Stx2a prophage of a bovine O145:H- STEC strain, is closely related to phages of virulent human strains. <i>Infection, Genetics and Evolution</i> , 2018, 60, 126-132.	1.0	11
157	Detection of a novel <i>mcr-5.4</i> gene variant in hospital tap water by shotgun metagenomic sequencing. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3626-3628.	1.3	11
158	Epidemiological Typing of <i>Serratia marcescens</i> Isolates by Whole-Genome Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	11
159	Decreasing prevalence of contamination with extended-spectrum beta-lactamase-producing <i>Enterobacteriaceae</i> (ESBL-E) in retail chicken meat in the Netherlands. <i>PLoS ONE</i> , 2019, 14, e0226828.	1.1	11
160	Toilet drain water as a potential source of hospital room-to-room transmission of carbapenemase-producing <i>Klebsiella pneumoniae</i> . <i>Journal of Hospital Infection</i> , 2020, 106, 232-239.	1.4	11
161	Genome-wide association studies of <i>Shigella</i> spp. and Enteroinvasive <i>Escherichia coli</i> isolates demonstrate an absence of genetic markers for prediction of disease severity. <i>BMC Genomics</i> , 2020, 21, 138.	1.2	11
162	New Topoisomerase Inhibitors: Evaluating the Potency of Gepotidacin and Zoliflodacin in Fluoroquinolone-Resistant <i>Escherichia coli</i> upon <i>tolC</i> Inactivation and Differentiating Their Efflux Pump Substrate Nature. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	10

#	ARTICLE	IF	CITATIONS
163	Future potential of metagenomics in clinical laboratories. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 1273-1285.	1.5	10
164	Retrospective identification of a previously undetected clinical case of OXA-48-producing <i>K. pneumoniae</i> and <i>E. coli</i> : the importance of adequate detection guidelines. <i>Infection</i> , 2016, 44, 107-110.	2.3	9
165	Emergence of a novel <i>Enterobacter kobei</i> clone carrying chromosomal-encoded CTX-M-12 with diversified pathogenicity in northeast China. <i>New Microbes and New Infections</i> , 2017, 17, 7-10.	0.8	9
166	An ancient family of mobile genomic islands introducing cephalosporinase and carbapenemase genes in <i>Enterobacteriaceae</i> . <i>Virulence</i> , 2018, 9, 1377-1389.	1.8	9
167	MALDI-TOF MS Using a Custom-Made Database, Biomarker Assignment, or Mathematical Classifiers Does Not Differentiate <i>Shigella</i> spp. and <i>Escherichia coli</i> . <i>Microorganisms</i> , 2022, 10, 435.	1.6	9
168	No nosocomial transmission under standard hygiene precautions in short term contact patients in case of an unexpected ESBL or Q&A <i>E. coli</i> positive patient: a one-year prospective cohort study within three regional hospitals. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 69.	1.5	8
169	Characterization of fosfomycin heteroresistance among multidrug-resistant <i>Escherichia coli</i> isolates from hospitalized patients in Rio de Janeiro, Brazil. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 584-593.	0.9	8
170	Whole genome sequencing characterization of Slovenian carbapenem-resistant <i>Klebsiella pneumoniae</i> , including OXA-48 and NDM-1 producing outbreak isolates. <i>PLoS ONE</i> , 2020, 15, e0231503.	1.1	8
171	Predominance of CTX-M-15-producing ST131 strains among ESBL-producing <i>Escherichia coli</i> isolated from asylum seekers in the Netherlands. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 70-76.	1.3	8
172	A roadmap for the generation of benchmarking resources for antimicrobial resistance detection using next generation sequencing. <i>F1000Research</i> , 0, 10, 80.	0.8	8
173	Effects of Clinical Wastewater on the Bacterial Community Structure from Sewage to the Environment. <i>Microorganisms</i> , 2021, 9, 718.	1.6	8
174	Diarrhea, Urosepsis and Hemolytic Uremic Syndrome Caused by the Same Heteropathogenic <i>Escherichia coli</i> Strain. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1045-1047.	1.1	7
175	Identification of a KPC-9-producing <i>Klebsiella pneumoniae</i> ST258 cluster among KPC-2-producing isolates of an ongoing outbreak in Northwestern Greece: a retrospective study. <i>Clinical Microbiology and Infection</i> , 2018, 24, 558-560.	2.8	7
176	Determining the Virulence Properties of <i>Escherichia coli</i> ST131 Containing Bacteriocin-Encoding Plasmids Using Short- and Long-Read Sequencing and Comparing Them with Those of Other <i>E. coli</i> Lineages. <i>Microorganisms</i> , 2019, 7, 534.	1.6	7
177	Centre-specific bacterial pathogen typing affects infection-control decision making. <i>Microbial Genomics</i> , 2021, 7, .	1.0	7
178	Molecular Characterisation of Vancomycin-Resistant <i>Enterococcus faecium</i> Isolates Belonging to the Lineage ST117/CT24 Causing Hospital Outbreaks. <i>Frontiers in Microbiology</i> , 2021, 12, 728356.	1.5	7
179	Genomic Investigation of Two <i>Acinetobacter baumannii</i> Outbreaks in a Veterinary Intensive Care Unit in The Netherlands. <i>Pathogens</i> , 2022, 11, 123.	1.2	7
180	Multicenter evaluation of molecular and culture-dependent diagnostics for <i>Shigella</i> species and Enteroinvasive <i>Escherichia coli</i> in the Netherlands. <i>Journal of Microbiological Methods</i> , 2016, 131, 10-15.	0.7	6

#	ARTICLE	IF	CITATIONS
181	Applied shotgun metagenomics approach for the genetic characterization of dengue viruses. Journal of Biotechnology, 2019, 306, 100009.	1.9	6
182	Expression of Functional Growth Hormone Receptor in a Mouse L Cell Line Infected with Recombinant Vaccinia Virus. Experimental Cell Research, 1994, 211, 353-359.	1.2	5
183	Transmission of respiratory syncytial virus at the paediatric intensive-care unit: a prospective study using real-time PCR. Clinical Microbiology and Infection, 2010, 16, 488-490.	2.8	5
184	Human polyomavirus KI and WU in adults with community acquired pneumonia in The Netherlands, 2008-2009. Journal of Clinical Virology, 2010, 49, 306-307.	1.6	5
185	Evaluation of an Accelerated Workflow for Surveillance of ESBL (CTX-M)-Producing Escherichia coli Using Amplicon-Based Next-Generation Sequencing and Automated Analysis. Microorganisms, 2018, 6, 6.	1.6	5
186	Reduced Fitness Costs of mcr-1.2 Compared to Mutated pmrB in Isogenic Colistin-Resistant KPC-3-Producing Klebsiella pneumoniae. MSphere, 2019, 4, .	1.3	5
187	Virulence and resistance properties of E. coli isolated from urine samples of hospitalized patients in Rio de Janeiro, Brazil - The role of mobile genetic elements. International Journal of Medical Microbiology, 2020, 310, 151453.	1.5	5
188	After the bite: bacterial transmission from grey seals (Halichoerus grypus) to harbour porpoises () Tj ETQq0 0 0 rgBT /Overloek 10 Tf 50	1.1	5
189	Application of shotgun metagenomics sequencing and targeted sequence capture to detect circulating porcine viruses in the Dutch-German border region. Transboundary and Emerging Diseases, 2022, 69, 2306-2319.	1.3	5
190	Long-read sequencing-based in silico phage typing of vancomycin-resistant Enterococcus faecium. BMC Genomics, 2021, 22, 758.	1.2	5
191	Identification by Genotyping of a Commercial Antigen Preparation as the Source of a Laboratory Contamination with <i>Coxiella burnetii</i> and as an Unexpected Rich Source of Control DNA. Journal of Clinical Microbiology, 2011, 49, 383-384.	1.8	4
192	Detection of Bartonella spp. DNA in Clinical Specimens Using an Internally Controlled Real-Time PCR Assay. Methods in Molecular Biology, 2013, 943, 217-228.	0.4	4
193	Detection of an In104-like integron carrying a bla _{IMP-34} gene in Enterobacter cloacae isolates co-producing IMP-34 and VIM-1. Journal of Antimicrobial Chemotherapy, 2019, 74, 2812-2814.	1.3	4
194	Development of amoxicillin resistance in Escherichia coli after exposure to remnants of a non-related phagemid-containing E. coli: an exploratory study. Antimicrobial Resistance and Infection Control, 2020, 9, 48.	1.5	4
195	Whole-Genome Sequences of Two NDM-1-Producing Pseudomonas aeruginosa Strains Isolated in a Clinical Setting in Albania in 2018. Microbiology Resource Announcements, 2020, 9, .	0.3	4
196	Distinguishing <i>bla</i> _{KPC} Gene-Containing IncF Plasmids from Epidemiologically Related and Unrelated <i>Enterobacteriaceae</i> Based on Short- and Long-Read Sequence Data. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	4
197	Exploring a prolonged enterovirus C104 infection in a severely ill patient using nanopore sequencing. Virus Evolution, 2022, 8, veab109.	2.2	4
198	Whole-genome sequencing analysis reveals the spread of a vanB-carrying transposon among different vancomycin-resistant Enterococcus faecium clinical isolates in a non-endemic setting. Journal of Hospital Infection, 2021, 110, 52-59.	1.4	3

#	ARTICLE	IF	CITATIONS
199	Coronaviruses in Polarized Epithelial Cells. <i>Advances in Experimental Medicine and Biology</i> , 1995, 380, 135-138.	0.8	3
200	Detection of extended-spectrum beta-lactamase (ESBL) genes and plasmid replicons in Enterobacteriaceae using PlasmidSPAdes assembly of short-read sequence data. <i>Microbial Genomics</i> , 2020, 6, .	1.0	3
201	Complete Coding Sequences of Five Dengue Virus Type 2 Clinical Isolates from Venezuela Obtained through Shotgun Metagenomics. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
202	Complete Genome Sequences of Two Methicillin-Resistant <i>Staphylococcus haemolyticus</i> Isolates of Multilocus Sequence Type 25, First Detected by Shotgun Metagenomics. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
203	Genomic Organization and Expression of the 3' End of the Canine and Feline Enteric Coronaviruses. <i>Advances in Experimental Medicine and Biology</i> , 1994, 342, 11-16.	0.8	2
204	Rotavirus induces a shut-off of endogenous gene expression in infected epithelial cells of the mouse small intestine. <i>Gastroenterology</i> , 2000, 118, A434.	0.6	1
205	Livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> in a young harbour seal (<i>Phoca vitulina</i>) with endocarditis. <i>Veterinary Record Case Reports</i> , 2019, 7, e000886.	0.1	1
206	Detection of a small IncX4 plasmid carrying the mcr-1.1 gene in a pig oral fluid sample by shotgun metagenomic sequencing. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 205-206.	0.9	1
207	Conventional vs Molecular Viral Tests for Respiratory Viruses: A Systematic Review. <i>Current Respiratory Medicine Reviews</i> , 2010, 6, 300-309.	0.1	0
208	First report of OXA-48-producing <i>Escherichia coli</i> in Croatia and confirmed intergenic transfer of a plasmid-carrying blaOXA-48 from <i>Klebsiella pneumoniae</i> . <i>Infectious Diseases</i> , 2018, 50, 313-316.	1.4	0
209	Overview of Microbial NGS for Clinical and Public Health Microbiology. , 2021, , 9-24.		0
210	DEN-IM: dengue virus genotyping from amplicon and shotgun metagenomic sequencing. <i>Microbial Genomics</i> , 2020, 6, .	1.0	0
211	Motor development of children after an human Parechovirus or Enterovirus infection: 24 months follow-up. <i>Minerva Pediatrics</i> , 2021, , .	0.2	0
212	Title is missing!. , 2019, 14, e0226828.		0
213	Title is missing!. , 2019, 14, e0226828.		0
214	Title is missing!. , 2019, 14, e0226828.		0
215	Title is missing!. , 2019, 14, e0226828.		0
216	Title is missing!. , 2020, 15, e0231503.		0

#	ARTICLE	IF	CITATIONS
217	Title is missing!. , 2020, 15, e0231503.		0
218	Title is missing!. , 2020, 15, e0231503.		0
219	Title is missing!. , 2020, 15, e0231503.		0