

DEnis PiÃ©rard

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,965
citations

393982

19
h-index

264894

42
g-index

62
all docs

62
docs citations

62
times ranked

2315
citing authors

#	ARTICLE	IF	CITATIONS
1	Multicenter Evaluation of a Sequence-Based Protocol for Subtyping Shiga Toxins and Standardizing Stx Nomenclature. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2951-2963.	1.8	710
2	Enterohemorrhagic <i>Escherichia coli</i> O26:H11/Hâˆ“: A New Virulent Clone Emerges in Europe. <i>Clinical Infectious Diseases</i> , 2013, 56, 1373-1381.	2.9	118
3	Isolation and virulence factors of vero cyto toxinproducing <i>Escherichia coli</i> in human stool samples. <i>Clinical Microbiology and Infection</i> , 1997, 3, 531-540.	2.8	95
4	The sink as a potential source of transmission of carbapenemase-producing Enterobacteriaceae in the intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 24.	1.5	79
5	Incidence and Virulence Determinants of Verocytotoxin-Producing <i>Escherichia coli</i> Infections in the Brussels-Capital Region, Belgium, in 2008â€“2010. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1336-1345.	1.8	63
6	Use of Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry for Identification of Molds of the <i>Fusarium</i> Genus. <i>Journal of Clinical Microbiology</i> , 2015, 53, 465-476.	1.8	63
7	Hearing Loss With Congenital Cytomegalovirus Infection. <i>Pediatrics</i> , 2019, 144, .	1.0	63
8	Pertactin-deficient <i>Bordetella pertussis</i> isolates: evidence of increased circulation in Europe, 1998 to 2015. <i>Eurosurveillance</i> , 2019, 24, .	3.9	59
9	Anaerobic bacteraemia: a 10-year retrospective epidemiological survey. <i>Anaerobe</i> , 2016, 39, 54-59.	1.0	40
10	Ventilator-associated bacterial pneumonia in coronavirus 2019 disease, a retrospective monocentric cohort study. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 826-833.	0.8	39
11	Twenty-seven years of screening for Shiga toxin-producing <i>Escherichia coli</i> in a university hospital. Brussels, Belgium, 1987-2014. <i>PLoS ONE</i> , 2018, 13, e0199968.	1.1	34
12	Impact of DNA extraction on whole genome sequencing analysis for characterization and relatedness of Shiga toxin-producing <i>Escherichia coli</i> isolates. <i>Scientific Reports</i> , 2020, 10, 14649.	1.6	32
13	Acceptance criteria for identification results of Gram-negative rods by mass spectrometry. <i>Journal of Medical Microbiology</i> , 2011, 60, 684-686.	0.7	30
14	Population structure of <i>Escherichia coli</i> O26â€“H11 with recent and repeated stx2 acquisition in multiple lineages. <i>Microbial Genomics</i> , 2017, 3, .	1.0	29
15	Differential dynamics and impacts of prophages and plasmids on the pangenome and virulence factor repertoires of Shiga toxin-producing <i>Escherichia coli</i> O145:H28. <i>Microbial Genomics</i> , 2020, 6, .	1.0	28
16	Surveillance of Circulating <i>Bordetella pertussis</i> Strains in Europe during 1998 to 2015. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	26
17	Phylogenetic analysis of the Belgian HIV-1 epidemic reveals that local transmission is almost exclusively driven by men having sex with men despite presence of large African migrant communities. <i>Infection, Genetics and Evolution</i> , 2018, 61, 36-44.	1.0	26
18	The Benefits of Whole Genome Sequencing for Foodborne Outbreak Investigation from the Perspective of a National Reference Laboratory in a Smaller Country. <i>Foods</i> , 2020, 9, 1030.	1.9	23

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19	Undetectable viral RNA in follicular fluid, cumulus cells, and endometrial tissue samples in SARS-CoV-2â€“positive women. <i>Fertility and Sterility</i> , 2022, 117, 771-780.	0.5	23
20	Global spatial dynamics and vaccine-induced fitness changes of <i>Bordetella pertussis</i> . <i>Science Translational Medicine</i> , 2022, 14, eabn3253.	5.8	22
21	Respiratory Bacterial Culture Sampling in Expectorating and Non-expectorating Patients With Cystic Fibrosis. <i>Frontiers in Pediatrics</i> , 2018, 6, 403.	0.9	20
22	Validation strategy of a bioinformatics whole genome sequencing workflow for Shiga toxin-producing <i>Escherichia coli</i> using a reference collection extensively characterized with conventional methods. <i>Microbial Genomics</i> , 2021, 7, .	1.0	20
23	Banana infecting fungus, <i>Fusarium musae</i> , is also an opportunistic human pathogen: Are bananas potential carriers and source of fusariosis?. <i>Mycologia</i> , 2015, 107, 46-53.	0.8	19
24	Towards Real-Time and Affordable Strain-Level Metagenomics-Based Foodborne Outbreak Investigations Using Oxford Nanopore Sequencing Technologies. <i>Frontiers in Microbiology</i> , 2021, 12, 738284.	1.5	19
25	A Belgian Serosurveillance/Seroprevalence Study of Diphtheria, Tetanus and Pertussis Using a Luminex xMAP Technology-Based Pentaplex. <i>Vaccines</i> , 2016, 4, 16.	2.1	18
26	Diphtheria in Belgium: 2010â€“2017. <i>Journal of Medical Microbiology</i> , 2019, 68, 1517-1525.	0.7	17
27	<i>Staphylococcus jettensis</i> sp. nov., a coagulase-negative staphylococcal species isolated from human clinical specimens. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3250-3256.	0.8	15
28	Reclassification of <i>Staphylococcus jettensis</i> De Bel et al. 2013 as <i>Staphylococcus petrasii</i> subsp. <i>jettensis</i> subsp. nov. and emended description of <i>Staphylococcus petrasii</i> Pantucek et al. 2013. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 4198-4201.	0.8	15
29	Improving specificity of <i>Bordetella pertussis</i> detection using a four target real-time PCR. <i>PLoS ONE</i> , 2017, 12, e0175587.	1.1	15
30	Strain-Level Metagenomic Data Analysis of Enriched In Vitro and In Silico Spiked Food Samples: Paving the Way towards a Culture-Free Foodborne Outbreak Investigation Using STEC as a Case Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5688.	1.8	14
31	A Practical Method to Implement Strain-Level Metagenomics-Based Foodborne Outbreak Investigation and Source Tracking in Routine. <i>Microorganisms</i> , 2020, 8, 1191.	1.6	14
32	Lessons learned from a textbook outbreak: EHEC-O157:H7 infections associated with the consumption of raw meat products, June 2012, Limburg, Belgium. <i>Archives of Public Health</i> , 2014, 72, 44.	1.0	13
33	Evaluation of the Alere SHIGA TOXIN QUIK CHEKâ„¢ in comparison to multiplex Shiga toxin PCR. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 35-39.	0.8	11
34	<i>Fusarium musae</i> infected banana fruits as potential source of human fusariosis: May occur more frequently than we might think and hypotheses about infection. <i>Communicative and Integrative Biology</i> , 2016, 9, e1162934.	0.6	11
35	Detection of beta-lactamase-negative ampicillin resistance in <i>Haemophilus influenzae</i> in Belgium. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 93, 243-249.	0.8	11
36	Genomics of an endemic cystic fibrosis <i>Burkholderia multivorans</i> strain reveals low within-patient evolution but high between-patient diversity. <i>PLoS Pathogens</i> , 2021, 17, e1009418.	2.1	11

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37	SARS-CoV-2 RNA and antibodies in tear fluid. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000733.	0.8	10
38	Evaluation of four laboratory-based SARS-CoV-2 IgG antibody immunoassays. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115313.	0.8	10
39	Performance of BacT/Alert resin-based FN plus bottles compared with BacT/Alert charcoal-based FN bottles for the detection of anaerobes in experimentally seeded blood cultures. <i>Anaerobe</i> , 2015, 35, 92-95.	1.0	9
40	Multicenter evaluation of the cobas® HIV-1 quantitative nucleic acid test for use on the cobas® 4800 system for the quantification of HIV-1 plasma viral load. <i>Journal of Clinical Virology</i> , 2019, 114, 43-49.	1.6	9
41	Comparison of Two Commercial Colorimetric Broth Microdilution Tests for Candida Susceptibility Testing: Sensititre YeastOne versus MICRONAUT-AM. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 356.	1.5	9
42	The global population structure and evolutionary history of the acquisition of major virulence factor-encoding genetic elements in Shiga toxin-producing <i>Escherichia coli</i> O121:H19. <i>Microbial Genomics</i> , 2021, 7, .	1.0	9
43	Antibiotic Prescriptions Targeting Bacterial Respiratory Infections in Admitted Patients with COVID-19: A Prospective Observational Study. <i>Infectious Diseases and Therapy</i> , 2021, 10, 2575-2591.	1.8	7
44	Diagnostic accuracy of screening tests for patients suspected of COVID-19, a retrospective cohort study. <i>Infectious Diseases</i> , 2021, 53, 855-864.	1.4	6
45	Presumed Urinary Tract Infection in Patients Admitted with COVID-19: Are We Treating Too Much?. <i>Antibiotics</i> , 2021, 10, 1493.	1.5	6
46	Validation of the ColibrÃ-Instrument for Automated Preparation of MALDI-TOF MS Targets for Yeast Identification. <i>Journal of Clinical Microbiology</i> , 2022, 60, .	1.8	6
47	The burden of legionnairesâ™ disease in Belgium, 2013 to 2017. <i>Archives of Public Health</i> , 2020, 78, 92.	1.0	5
48	Microbiology of the middle meatus in children requiring adenotonsillectomy. <i>Journal of Laryngology and Otology</i> , 1999, 113, 24-27.	0.4	4
49	Serodiagnosis of whooping cough in Belgium: results of the National Reference Centre for <i>Bordetella pertussis</i> anno 2013. <i>Acta Clinica Belgica</i> , 2016, 71, 86-91.	0.5	4
50	Matrix-Assisted Laser Desorption Ionizationâ€Time of Flight Mass Spectrometry for Rapid Detection of Isolates Belonging to the Epidemic Clones <i>Achromobacter xylosoxidans</i> ST137 and <i>Achromobacter ruhlandii</i> DES from Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0094621.	1.8	4
51	Unique Phylogenetic Lineage Found in the <i>Fusarium</i> -like Clade after Re-examining BCCM/IHEM Fungal Culture Collection Material. <i>Mycobiology</i> , 2016, 44, 121-130.	0.6	3
52	Antimicrobial susceptibility testing of <i>Eggerthella lenta</i> blood culture isolates at a university hospital in Belgium from 2004 to 2018. <i>Anaerobe</i> , 2021, 69, 102348.	1.0	3
53	Fear for CoViD-19 and reluctance to work among health care workers during the epidemic, a prospective monocentric cohort study. <i>American Journal of Infection Control</i> , 2022, 50, 312-318.	1.1	3
54	Validation of Rapid Antimicrobial Susceptibility Testing directly from blood cultures using WASPLab®, including ColibrÃ and Radian® in-Line Carousel. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2022, 41, 733-739.	1.3	3

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55	Enteric infections due to Escherichia coli. <i>Clinical Microbiology and Infection</i> , 1998, 4, 414-415.	2.8	2
56	Nontuberculous mycobacteria among pulmonary tuberculosis patients: a retrospective Belgian multicenter study. <i>Acta Clinica Belgica</i> , 2017, 72, 45-48.	0.5	2
57	SARS-CoV-2 seroprevalence among employees of a university hospital in Belgium during the 2020 COVID-19 outbreak (COVEMUZ-study). <i>Epidemiology and Infection</i> , 2021, 149, 1-24.	1.0	2
58	Symptomatic severe acute respiratory syndrome coronavirusÂ2 reinfection in a lupus patient treated with hydroxychloroquine: a case report. <i>Journal of Medical Case Reports</i> , 2021, 15, 572.	0.4	2
59	Proof-of-concept study of a new LC-ESI-MS/MS-based assay to identify <i>Aspergillus</i> spp. in artificially mixed samples using species/genus-specific proteotypic peptides. <i>Mycological Progress</i> , 2017, 16, 231-246.	0.5	1
60	Evaluation of the Copan Myco-TB kit for the decontamination of respiratory samples for the detection of Mycobacteria. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 711-714.	1.3	1