

Hector Rodriguez-Villalobos

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

3,693
citations

147801

31
h-index

149698

56
g-index

120
all docs

120
docs citations

120
times ranked

5913
citing authors

#	ARTICLE	IF	CITATIONS
1	Low performance of rapid antigen detection test as frontline testing for COVID-19 diagnosis. Journal of Clinical Virology, 2020, 129, 104455.	3.1	482
2	Evaluation of two automated and three rapid lateral flow immunoassays for the detection of anti-SARS-CoV-2 antibodies. Journal of Clinical Virology, 2020, 128, 104413.	3.1	247
3	Evaluation of sublingual and gut mucosal microcirculation in sepsis: A quantitative analysis*. Critical Care Medicine, 2009, 37, 2875-2881.	0.9	216
4	<i>Nocardia</i> Infection in Solid Organ Transplant Recipients: A Multicenter European Case-control Study. Clinical Infectious Diseases, 2016, 63, 338-345.	5.8	179
5	SARS-CoV-2 causes a specific dysfunction of the kidney proximal tubule. Kidney International, 2020, 98, 1296-1307.	5.2	173
6	Ventriculostomy-related infections in critically ill patients: a 6-year experience. Journal of Neurosurgery, 2005, 103, 468-472.	1.6	106
7	Emergence of ArmA and RmtB aminoglycoside resistance 16S rRNA methylases in Belgium. Journal of Antimicrobial Chemotherapy, 2007, 59, 459-464.	3.0	103
8	Outcome and Treatment of Nocardiosis After Solid Organ Transplantation: New Insights From a European Study. Clinical Infectious Diseases, 2017, 64, 1396-1405.	5.8	91
9	Rapid Detection of <i>Candida albicans</i> in Clinical Blood Samples by Using a TaqMan-Based PCR Assay. Journal of Clinical Microbiology, 2003, 41, 3293-3298.	3.9	90
10	Trends in production of extended-spectrum β -lactamases among Enterobacteriaceae of clinical interest: results of a nationwide survey in Belgian hospitals. Journal of Antimicrobial Chemotherapy, 2011, 66, 37-47.	3.0	88
11	Successful treatment of septic shock due to pan-resistant <i>Acinetobacter baumannii</i> using combined antimicrobial therapy including tigecycline. European Journal of Clinical Microbiology and Infectious Diseases, 2006, 25, 257-260.	2.9	87
12	Fourth Belgian multicentre survey of antibiotic susceptibility of anaerobic bacteria. Journal of Antimicrobial Chemotherapy, 2014, 69, 155-161.	3.0	83
13	Intensive Care Unit Outbreak of Extended-Spectrum β -Lactamase-Producing <i>Klebsiella Pneumoniae</i> Controlled by Cohorting Patients and Reinforcing Infection Control Measures. Infection Control and Hospital Epidemiology, 2008, 29, 517-524.	1.8	73
14	Potential risk factors for infection with <i>Candida</i> spp. in critically ill patients. Clinical Microbiology and Infection, 2004, 10, 550-555.	6.0	72
15	Detection and characterization of class A extended-spectrum- β -lactamase-producing <i>Pseudomonas aeruginosa</i> isolates in Belgian hospitals. Journal of Antimicrobial Chemotherapy, 2010, 65, 866-871.	3.0	65
16	Epidemiology and reporting of candidaemia in Belgium: a multi-centre study. European Journal of Clinical Microbiology and Infectious Diseases, 2017, 36, 649-655.	2.9	59
17	High-level resistance to meropenem in clinical isolates of <i>Pseudomonas aeruginosa</i> in the absence of carbapenemases: role of active efflux and porin alterations. International Journal of Antimicrobial Agents, 2016, 48, 740-743.	2.5	55
18	In vitro activity of temocillin against extended spectrum β -lactamase-producing <i>Escherichia coli</i> . Journal of Antimicrobial Chemotherapy, 2006, 57, 771-774.	3.0	51

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19	Travel-acquired salmonellosis due to Salmonella Kentucky resistant to ciprofloxacin, ceftriaxone and co-trimoxazole and associated with treatment failure. Journal of Antimicrobial Chemotherapy, 2007, 60, 190-192.	3.0	51
20	Controlled Performance Evaluation of the DiversiLab Repetitive-Sequence-Based Genotyping System for Typing Multidrug-Resistant Health Care-Associated Bacterial Pathogens. Journal of Clinical Microbiology, 2011, 49, 3616-3620.	3.9	50
21	Quantitative TaqMan PCR for detection of Pneumocystis jiroveci. Journal of Microbiological Methods, 2005, 61, 381-387.	1.6	48
22	Antimicrobial Susceptibility of Pseudomonas aeruginosa Isolated from Cystic Fibrosis Patients in Northern Europe. Antimicrobial Agents and Chemotherapy, 2016, 60, 6735-6741.	3.2	43
23	Clinical usefulness of fully automated chemiluminescent immunoassay for quantitative antibody measurements in COVID-19 patients. Journal of Medical Virology, 2021, 93, 1465-1477.	5.0	41
24	Are infections due to resistant pathogens associated with a worse outcome in critically ill patients?. Journal of Infection, 2003, 47, 307-316.	3.3	38
25	Streptococcus gordonii septic arthritis : two cases and review of literature. BMC Infectious Diseases, 2012, 12, 215.	2.9	38
26	Microbiology of nosocomial infections: progress and challenges. Microbes and Infection, 2004, 6, 1043-1048.	1.9	37
27	Nosocomial infections caused by multidrug-resistant Pseudomonas putida isolates producing VIM-2 and VIM-4 metallo-β-lactamases. Journal of Antimicrobial Chemotherapy, 2008, 61, 749-751.	3.0	37
28	Haemophilus parainfluenzae : an Underdiagnosed Pathogen of Biliary Tract Infections?. European Journal of Clinical Microbiology and Infectious Diseases, 2004, 23, 46-48.	2.9	35
29	A Longitudinal, 3-Month Serologic Assessment of SARS-CoV-2 Infections in a Belgian Hemodialysis Facility. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 613-614.	4.5	35
30	Mechanisms of intrinsic resistance and acquired susceptibility of Pseudomonas aeruginosa isolated from cystic fibrosis patients to temocillin, a revived antibiotic. Scientific Reports, 2017, 7, 40208.	3.3	34
31	Evaluation of a new generation of plastic evacuated blood-collection tubes in clinical chemistry, therapeutic drug monitoring, hormone and trace metal analysis. Clinical Chemistry and Laboratory Medicine, 2004, 42, 67-71.	2.3	31
32	In vitro activity of temocillin against prevalent extended-spectrum beta-lactamases producing Enterobacteriaceae from Belgian intensive care units. European Journal of Clinical Microbiology and Infectious Diseases, 2007, 26, 777-783.	2.9	31
33	The impact of a rapid molecular identification test on positive blood cultures from critically ill with bacteremia: A pre-post intervention study. PLoS ONE, 2019, 14, e0223122.	2.5	31
34	Prevalence and mechanisms of resistance to carbapenems in Enterobacteriaceae isolates from 24 hospitals in Belgium. Journal of Antimicrobial Chemotherapy, 2013, 68, 1832-1837.	3.0	28
35	Management of long-term catheter-related Brevibacterium bacteraemia. Clinical Microbiology and Infection, 2004, 10, 465-467.	6.0	24
36	Evaluation of the Bruker® MBT Sepsityper IVD module for the identification of polymicrobial blood cultures with MALDI-TOF MS. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 2145-2152.	2.9	24

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37	Emergence of clonally related <i>Klebsiella pneumoniae</i> isolates of sequence type 258 producing KPC-2 carbapenemase in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 361-362.	3.0	23
38	Prospective evaluation of imipenem/EDTA combined disc and Etest for detection of metallo- β -lactamase-producing <i>Pseudomonas aeruginosa</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 812-813.	3.0	22
39	Serum uric acid, disease severity and outcomes in COVID-19. <i>Critical Care</i> , 2021, 25, 212.	5.8	22
40	Disseminated Infection due to <i>Cylindrocarpum</i> (<i>Fusarium</i>) <i>lichenicola</i> in a Neutropenic Patient with Acute Leukaemia: Report of a Case and Review of the Literature. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2003, 22, 62-65.	2.9	21
41	Symptom-based screening for COVID-19 in healthcare workers: the importance of fever. <i>Journal of Hospital Infection</i> , 2020, 105, 428-429.	2.9	20
42	A biological profile for diagnosis and outcome of COVID-19 patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 2141-2150.	2.3	20
43	Molecular typing and antifungal susceptibility of <i>Exophiala</i> isolates from patients with cystic fibrosis. <i>Journal of Medical Microbiology</i> , 2012, 61, 1226-1233.	1.8	19
44	Pneumococcal septic arthritis in adults: clinical analysis and review. <i>Acta Clinica Belgica</i> , 2014, 69, 40-46.	1.2	19
45	Activities of Combinations of Antistaphylococcal Antibiotics with Fusidic Acid against Staphylococcal Biofilms in <i>In Vitro</i> Static and Dynamic Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	19
46	Bacterial pneumonia in kidney transplant recipients. <i>Respiratory Medicine</i> , 2018, 137, 89-94.	2.9	19
47	Performance Evaluation of the MBT STAR [®] -Carba IVD Assay for the Detection of Carbapenemases With MALDI-TOF MS. <i>Frontiers in Microbiology</i> , 2019, 10, 1413.	3.5	19
48	Rapid antimicrobial susceptibility testing on positive blood cultures through an innovative light scattering technology: performances and turnaround time evaluation. <i>BMC Infectious Diseases</i> , 2019, 19, 989.	2.9	18
49	<i>In vitro</i> activity of bedaquiline against slow-growing nontuberculous mycobacteria. <i>Journal of Medical Microbiology</i> , 2019, 68, 1137-1139.	1.8	18
50	Validation of Neutrophil-to-Lymphocyte Ratio Cut-off Value Associated with High In-Hospital Mortality in COVID-19 Patients. <i>International Journal of General Medicine</i> , 2021, Volume 14, 5111-5117.	1.8	17
51	Correlation between cytotoxicity induced by <i>Pseudomonas aeruginosa</i> clinical isolates from acute infections and IL-1 β secretion in a model of human THP-1 monocytes. <i>Pathogens and Disease</i> , 2015, 73, ftv049.	2.0	16
52	How to choose the right real-time RT-PCR primer sets for the SARS-CoV-2 genome detection?. <i>Journal of Virological Methods</i> , 2021, 295, 114197.	2.1	16
53	Capnocytophaga species and perinatal infections: case report and review of the literature. <i>Acta Clinica Belgica</i> , 2012, 67, 42-5.	1.2	16
54	Thyroid abscess due to <i>Rhodococcus equi</i> in a patient infected with the human immunodeficiency virus. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1998, 17, 55-57.	2.9	15

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55	Mortality in patients with high risk <i>Staphylococcus aureus</i> bacteremia undergoing or not PET-CT: A single center experience. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 880-885.	1.7	15
56	First Case of Bacteremia Caused by <i>Moellerella wisconsensis</i> : Case Report and a Review of the Literature. <i>Infection</i> , 2009, 37, 544-546.	4.7	14
57	Molecular characterization of AmpC-producing <i>Escherichia coli</i> clinical isolates recovered at two Belgian hospitals. <i>Pathologie Et Biologie</i> , 2010, 58, 78-83.	2.2	14
58	Osteomyelitis pubis caused by <i>Kingella kingae</i> in an adult patient: Report of the first case. <i>BMC Infectious Diseases</i> , 2012, 12, 236.	2.9	14
59	Immunogenicity of BNT162b2 SARS-CoV-2 Vaccine in a Multicenter Cohort of Nursing Home Residents Receiving Maintenance Hemodialysis. <i>American Journal of Kidney Diseases</i> , 2021, 78, 766-768.	1.9	14
60	Fatal thoracic empyema involving <i>Campylobacter rectus</i> : A case report. <i>Anaerobe</i> , 2018, 49, 95-98.	2.1	13
61	Clinical characteristics and humoral immune response in healthcare workers with COVID-19 in a teaching hospital in Belgium. <i>Journal of Hospital Infection</i> , 2020, 106, 713-720.	2.9	13
62	Lateral flow immunochromatographic assay for rapid screening of faecal carriage of carbapenemase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 357-359.	3.0	12
63	Early infection of hip joint prosthesis by <i>Clostridium difficile</i> in an HIV-1 infected patient. <i>Anaerobe</i> , 2014, 27, 96-99.	2.1	11
64	<i>Nocardia</i> prosthetic knee infection successfully treated by one-stage exchange: case report and review. <i>Acta Clinica Belgica</i> , 2015, 70, 287-290.	1.2	11
65	First Investigative Study of Azole-Resistant <i>Aspergillus fumigatus</i> in the Environment in Burkina Faso. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2250.	2.6	11
66	Emergence of CTX-M extended spectrum β -lactamase-producing <i>Escherichia coli</i> in Belgium. , 2005, 10, E050224.3.		11
67	Emergence of extended-spectrum-AmpC-expressing <i>Escherichia coli</i> isolates in Belgian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 1073-1075.	3.0	10
68	Characterisation of a collection of <i>Streptococcus pneumoniae</i> isolates from patients suffering from acute exacerbations of chronic bronchitis: In vitro susceptibility to antibiotics and biofilm formation in relation to antibiotic efflux and serotypes/serogroups. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 209-217.	2.5	10
69	Biotin interferences: Have we neglected the impact on serological markers?. <i>Clinica Chimica Acta</i> , 2020, 503, 107-112.	1.1	10
70	<i>Pseudomonas stutzeri</i> Community-Acquired Pneumonia Associated with Empyema: Case Report and Review. <i>Clinical Infectious Diseases</i> , 1997, 25, 325-326.	5.8	9
71	Antimicrobial resistance in hospitalized surgical patients: a silently emerging public health concern in Benin. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2020, 19, 54.	3.8	9
72	Laboratory diagnosis of nontuberculous mycobacteria in a Belgium Hospital. <i>International Journal of Mycobacteriology</i> , 2019, 8, 157.	0.6	9

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73	Staphylococcal versus Streptococcal infective endocarditis in a tertiary hospital in Belgium: epidemiology, clinical characteristics and outcome. <i>Acta Clinica Belgica</i> , 2017, 72, 417-423.	1.2	8
74	Evaluation of the automated BD Phoenix CPO Detect test for detection and classification of carbapenemases in Gram negatives. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 96, 114911.	1.8	8
75	Synergistic Effects of Pulsed Lavage and Antimicrobial Therapy Against <i>Staphylococcus aureus</i> Biofilms in an in-vitro Model. <i>Frontiers in Medicine</i> , 2020, 7, 527.	2.6	8
76	Seroprevalence of SARS-CoV-2 infection in health care workers of a teaching hospital in Belgium: self-reported occupational and household risk factors for seropositivity. <i>Diagnostic Microbiology and Infectious Disease</i> , 2021, 100, 115414.	1.8	8
77	Recurrent <i>Scydosporium apiospermum</i> skin infection in a renal transplant recipient. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2009, 23, 95-96.	2.4	7
78	Molecular characterization of plasmids encoding CTX-M-15 extended-spectrum β -lactamase associated with the ST131 <i>Escherichia coli</i> clone in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1828-1830.	3.0	7
79	Emergence and dissemination of multidrug resistant clones of <i>Pseudomonas aeruginosa</i> producing VIM-2 metallo-beta-lactamase in Belgium. , 2007, 12, E070118.2.		7
80	Comparison of four commercial methods for determining temocillin susceptibility of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 832-834.	3.0	6
81	Epidural Abscess Caused by <i>Scydosporium apiospermum</i> in an Immunocompetent Child. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1277-1278.	2.0	6
82	First <i>Robinsoniella peoriensis</i> aortic cross homograft mycotic pseudoaneurysm: A case report and review of the literature. <i>Anaerobe</i> , 2017, 44, 23-26.	2.1	6
83	Comparison of Sanger sequencing for hepatitis C virus genotyping with a commercial line probe assay in a tertiary hospital. <i>BMC Infectious Diseases</i> , 2019, 19, 738.	2.9	6
84	First detection of a plasmid-encoded New-Delhi metallo-beta-lactamase-1 (NDM-1) producing <i>Acinetobacter baumannii</i> using whole genome sequencing, isolated in a clinical setting in Benin. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2021, 20, 5.	3.8	6
85	The problem of resistance. , 2010, , 24-48.		6
86	R�sistance bact�rienne par�-lactamases � spectre �tendu�: implications pour le �animateur. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2006, 15, 205-213.	0.1	5
87	MALDI-TOF MS identification and antimicrobial susceptibility testing directly from positive enrichment broth. <i>Journal of Microbiological Methods</i> , 2017, 141, 32-34.	1.6	5
88	Multicenter study of automated systems for colistin susceptibility testing. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 575-579.	2.9	5
89	The effect of storage delay and storage temperature on orthopaedic surgical samples contaminated by <i>Staphylococcus Epidermidis</i> . <i>PLoS ONE</i> , 2018, 13, e0192048.	2.5	5
90	Cross Reaction Between a Pan- <i>Candida</i> Genus Probe and <i>Fusarium</i> Spp. in a Fatal Case of <i>Fusarium oxysporum</i> Pneumonia. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2002, 21, 149-152.	2.9	4

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91	Emergence and dissemination of multi-resistant Gram negative <i>Enterobacteriaceae</i> : lessons to be learnt from local and national surveillance programs in Belgium. <i>Acta Clinica Belgica</i> , 2015, 70, 1-10.	1.2	4
92	Clinical features and outcome of typhoid fever and invasive non-typhoidal salmonellosis in a tertiary hospital in Belgium: analysis and review of the literature. <i>Acta Clinica Belgica</i> , 2015, 70, 265-271.	1.2	4
93	Breast prosthesis infection and pets: A case report and review of the literature. <i>International Journal of Surgery Case Reports</i> , 2016, 22, 98-100.	0.6	4
94	Characterization of <i>Candida</i> spp. interference on the Sysmex XN1000 body fluid mode. <i>International Journal of Laboratory Hematology</i> , 2018, 40, e28-e32.	1.3	4
95	Coinfection of <i>Mycobacterium malmoense</i> and <i>Mycobacterium chimaera</i> in a kidney transplant recipient: A case report and review of the literature. <i>Transplant Infectious Disease</i> , 2020, 22, e13241.	1.7	4
96	The causal relationship between O2:K7:H6 extra-intestinal pathogenic <i>Escherichia coli</i> (ExPEC) and native valve endocarditis: a case report. <i>BMC Infectious Diseases</i> , 2021, 21, 370.	2.9	4
97	Fungal pneumonia in kidney transplant recipients. <i>Respiratory Medicine</i> , 2021, 185, 106492.	2.9	4
98	Targeting Bedaquiline Mycobacterial Efflux Pump to Potentially Enhance Therapy in <i>Mycobacterium Abscessus</i> . <i>International Journal of Mycobacteriology</i> , 2020, 9, 71-75.	0.6	4
99	Population Pharmacokinetics of Temocillin Administered by Continuous Infusion in Patients with Septic Shock Associated with Intra-Abdominal Infection and Ascitic Fluid Effusion. <i>Antibiotics</i> , 2022, 11, 898.	3.7	4
100	Cutaneous Mucormycosis of the Thoracic Wall. <i>Clinical Infectious Diseases</i> , 1996, 22, 373-373.	5.8	3
101	Acute Bacterial Meningitis and Systemic Abscesses due to <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> Infection. <i>Case Reports in Infectious Diseases</i> , 2017, 2017, 1-4.	0.5	3
102	The BD BACTEC FX blood culture system with the gentlemacs dissociator is suitable for sterility testing of heart valve and vascular allografts: A validation study. <i>Cell and Tissue Banking</i> , 2021, 22, 453-466.	1.1	3
103	Dynamics of spreading of SARS-CoV-2 in a Belgian hemodialysis facility: The importance of the analysis of viral strains. <i>Journal of Medical Virology</i> , 2022, 94, 1481-1487.	5.0	3
104	First case of a dog bite wound infection caused by <i>Streptococcus minor</i> in human. <i>New Microbes and New Infections</i> , 2016, 14, 49-50.	1.6	2
105	Improving turnaround time for identifying extended-spectrum β -lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> : experience with the BD Phoenix automated system. <i>Journal of Medical Microbiology</i> , 2011, 60, 679-680.	1.8	1
106	Controversies in the leading causative pathogen of infective endocarditis: Data from a single tertiary hospital in Belgium. <i>Acta Clinica Belgica</i> , 2016, 71, 194-196.	1.2	1
107	Multicentre interlaboratory analysis of routine susceptibility testing with a challenge panel of resistant strains. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 125-129.	2.2	1
108	Diarrhea and thrombophlebitis-associated bacteremia caused by <i>Campylobacter fetus</i> ssp. <i>fetus</i> . <i>Antimicrobics and Infectious Diseases Newsletter</i> , 1994, 13, 73-74.	0.0	0

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109	Travel-acquired salmonellosis due to Salmonella Kentucky resistant to ciprofloxacin, ceftriaxone and co-trimoxazole and associated with treatment failure. Journal of Antimicrobial Chemotherapy, 2007, 60, 1183-1183.	3.0	0
110	P675 High frequency of CTX-M genes among ESBL-producing Klebsiella pneumoniae in a university hospital in Belgium. International Journal of Antimicrobial Agents, 2007, 29, S161.	2.5	0
111	Neuroinvasive Infection from O117:K52:H-Escherichia coli following Acute Pyelonephritis. Case Reports in Infectious Diseases, 2017, 2017, 1-4.	0.5	0
112	Concordance between superficial swab and deep sampling in post-sternotomy mediastinitis: Single center experience. Journal of Infection and Chemotherapy, 2019, 25, 589-593.	1.7	0
113	Usefulness of a multiplex immunodot in case of discordant results between automated COVID-19 serological assays. Journal of Virological Methods, 2021, 292, 114129.	2.1	0
114	Do fully automated immunoassays for the evaluation of the immune response to SARS-CoV-2 are commutable?. Practical Laboratory Medicine, 2021, 26, e00224.	1.3	0
115	Surgical Site Infections with Predominance of Multidrug Resistant in Benin: A Multicenter Study. Infection Control and Hospital Epidemiology, 2020, 41, s526-s526.	1.8	0