

Marc J Struelens

List of Publications by Year in descending order

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47
papers

4,524
citations

186265
28
h-index

265206
42
g-index

47
all docs

47
docs citations

47
times ranked

6687
citing authors

#	ARTICLE	IF	CITATIONS
1	Attributable deaths and disability-adjusted life-years caused by infections with antibiotic-resistant bacteria in the EU and the European Economic Area in 2015: a population-level modelling analysis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 56-66.	9.1	1,908
2	Carbapenemase-producing Enterobacteriaceae in Europe: assessment by national experts from 38 countries, May 2015. <i>Eurosurveillance</i> , 2015, 20, .	7.0	332
3	Frequent emergence and limited geographic dispersal of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14130-14135.	7.1	239
4	Evaluation of Molecular Typing Methods in Characterizing a European Collection of Epidemic Methicillin-Resistant <i>Staphylococcus aureus</i> Strains: the HARMONY Collection. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1830-1837.	3.9	169
5	<i>Pseudomonas aeruginosa</i> and Enterobacteriaceae bacteremia after biliary endoscopy: An outbreak investigation using DNA macrorestriction analysis. <i>American Journal of Medicine</i> , 1993, 95, 489-498.	1.5	162
6	Strengthening the Reporting of Molecular Epidemiology for Infectious Diseases (STROME-ID): an extension of the STROBE statement. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 341-352.	9.1	145
7	Methicillin-Resistant <i>Staphylococcus aureus</i> ST398 in Swine Farm Personnel, Belgium. <i>Emerging Infectious Diseases</i> , 2009, 15, 1098-1101.	4.3	121
8	Multicenter Evaluation of Epidemiological Typing of Methicillin-Resistant <i>Staphylococcus aureus</i> Strains by Repetitive-Element PCR Analysis. <i>Journal of Clinical Microbiology</i> , 2000, 38, 3527-3533.	3.9	80
9	Emergence of vancomycin-intermediate <i>Staphylococcus aureus</i> in a Belgian hospital: microbiological and clinical features. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 50, 383-391.	3.0	75
10	Prevalence, risk factors and genetic diversity of methicillin-resistant <i>Staphylococcus aureus</i> carried by humans and animals across livestock production sectors. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1510-1516.	3.0	75
11	Controlled Evaluation of the IDI-MRSA Assay for Detection of Colonization by Methicillin-Resistant <i>Staphylococcus aureus</i> in Diverse Mucocutaneous Specimens. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1098-1101.	3.9	72
12	In Vitro Activities of Ceftobiprole, Tigecycline, Daptomycin, and 19 Other Antimicrobials against Methicillin-Resistant <i>Staphylococcus aureus</i> Strains from a National Survey of Belgian Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2680-2685.	3.2	70
13	Update on screening and clinical diagnosis of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 110-117.	2.5	69
14	Antibiotic stewardship implementation in the EU: the way forward. <i>Expert Review of Anti-Infective Therapy</i> , 2009, 7, 1175-1183.	4.4	67
15	Livestock-associated methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) among human MRSA isolates, European Union/European Economic Area countries, 2013. <i>Eurosurveillance</i> , 2017, 22, .	7.0	66
16	Epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) among residents of nursing homes in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 1299-1306.	3.0	62
17	National Surveillance of Methicillin-Resistant <i>Staphylococcus aureus</i> in Belgian Hospitals Indicates Rapid Diversification of Epidemic Clones. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 3625-3629.	3.2	58
18	Molecular Epidemiologic Typing Systems of Bacterial Pathogens: Current Issues and Perspectives. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1998, 93, 581-586.	1.6	56

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19	Intracellular Activity of Antibiotics in a Model of Human THP-1 Macrophages Infected by a <i>Staphylococcus aureus</i> Small-Colony Variant Strain Isolated from a Cystic Fibrosis Patient: Pharmacodynamic Evaluation and Comparison with Isogenic Normal-Phenotype and Revertant Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1434-1442.	3.2	54
20	In vitro activity of temocillin against extended spectrum β -lactamase-producing <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 771-774.	3.0	51
21	Controlled Performance Evaluation of the DiversiLab Repetitive-Sequence-Based Genotyping System for Typing Multidrug-Resistant Health Care-Associated Bacterial Pathogens. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3616-3620.	3.9	50
22	Multidisciplinary antimicrobial management teams: the way forward to control antimicrobial resistance in hospitals. <i>Current Opinion in Infectious Diseases</i> , 2003, 16, 305-307.	3.1	49
23	spa Typing for Epidemiological Surveillance of <i>Staphylococcus aureus</i> . <i>Methods in Molecular Biology</i> , 2009, 551, 189-202.	0.9	47
24	Subpopulations of <i>Staphylococcus aureus</i> Clonal Complex 121 Are Associated with Distinct Clinical Entities. <i>PLoS ONE</i> , 2013, 8, e58155.	2.5	43
25	Microbiology of nosocomial infections: progress and challenges. <i>Microbes and Infection</i> , 2004, 6, 1043-1048.	1.9	37
26	Intracellular Activity of Antibiotics in a Model of Human THP-1 Macrophages Infected by a <i>Staphylococcus aureus</i> Small-Colony Variant Strain Isolated from a Cystic Fibrosis Patient: Study of Antibiotic Combinations. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1443-1449.	3.2	37
27	Phylogenetic Analysis of <i>Staphylococcus aureus</i> CC398 Reveals a Sub-Lineage Epidemiologically Associated with Infections in Horses. <i>PLoS ONE</i> , 2014, 9, e88083.	2.5	37
28	Emergence and Spread of Gentamicin-Susceptible Strains of Methicillin-Resistant <i>Staphylococcus aureus</i> in Belgian Hospitals. <i>Microbial Drug Resistance</i> , 2003, 9, 61-71.	2.0	36
29	Methicillin-Resistant <i>Staphylococcus aureus</i> Epidemiology and Control in Belgian Hospitals, 1991 to 1995. <i>Infection Control and Hospital Epidemiology</i> , 1996, 17, 503-508.	1.8	29
30	Evaluation of New Vitek 2 Card and Disk Diffusion Method for Determining Susceptibility of <i>Staphylococcus aureus</i> to Oxacillin. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2525-2528.	3.9	28
31	A specific real-time PCR assay for the detection of <i>Bordetella pertussis</i> . <i>Journal of Medical Microbiology</i> , 2007, 56, 918-920.	1.8	27
32	Evaluation of disc diffusion methods and Vitek 2 automated system for testing susceptibility to mupirocin in <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1018-1023.	3.0	21
33	Rapid molecular detection of methicillin-resistant <i>Staphylococcus aureus</i> : a cost-effective tool for infection control in critical care?. <i>Critical Care</i> , 2006, 10, 128.	5.8	20
34	Impact of Rapid Molecular Screening at Hospital Admission on Nosocomial Transmission of Methicillin-Resistant <i>Staphylococcus aureus</i> : Cluster Randomised Trial. <i>PLoS ONE</i> , 2014, 9, e96310.	2.5	20
35	Epidemiological situation, laboratory capacity and preparedness for carbapenem-resistant <i>Acinetobacter baumannii</i> in Europe, 2019. <i>Eurosurveillance</i> , 2020, 25, .	7.0	18
36	The emerging power of molecular diagnostics: towards improved management of life-threatening infection. <i>Intensive Care Medicine</i> , 2001, 27, 1696-1698.	8.2	15

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37	Molecular epidemiology of resistance to macrolides-lincosamides-streptogramins in methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) causing bloodstream infections in patients admitted to Belgian hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 50, 755-757.	3.0	14
38	Analysis of Microbial Genomic Macrorestriction Patterns by Pulsed-Field Gel Electrophoresis (PFGE) Typing. , 2001, , 159-176.		12
39	Emergence of CTX-M extended spectrum β -lactamase-producing <i>Escherichia coli</i> in Belgium. , 2005, 10, E050224.3.		11
40	Networking of Public Health Microbiology Laboratories Bolsters Europe's Defenses against Infectious Diseases. <i>Frontiers in Public Health</i> , 2018, 6, 46.	2.7	10
41	Hospital antibiotic management in Belgium – results of the ABS maturity survey of the ABS International group. <i>Wiener Klinische Wochenschrift</i> , 2008, 120, 284-288.	1.9	9
42	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
43	The problem of resistance. , 2010, , 24-48.		6
44	Molecular Typing of Bacterial Pathogens: A Tool for the Epidemiological Study and Control of Infectious Diseases. , 2012, , 9-25.		5
45	Investing in Public Health Microbiology Laboratories in Western Balkan Countries Enhances Health Security From Communicable Disease Threats in Europe. <i>Frontiers in Public Health</i> , 2019, 7, 8.	2.7	4
46	Nosocomial Infections Caused by <i>Staphylococci</i> . , 1998, 15, 431-468.		1
47	Authors' reply to – Misidentification of <i>Bordetella bronchiseptica</i> as <i>Bordetella pertussis</i> using a newly described RT-PCR targeting the pertactin gene. <i>Journal of Medical Microbiology</i> , 2008, 57, 399-400.	1.8	1