

Surbhi Malhotra-Kumar

List of Publications by Year in descending order

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122
papers

11,990
citations

109311

35
h-index

30081

103
g-index

133
all docs

133
docs citations

133
times ranked

15012
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery, research, and development of new antibiotics: the WHO priority list of antibiotic-resistant bacteria and tuberculosis. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 318-327.	9.1	3,672
2	ResFinder 4.0 for predictions of phenotypes from genotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3491-3500.	3.0	1,523
3	Methicillin-resistant <i>Staphylococcus aureus</i> . <i>Nature Reviews Disease Primers</i> , 2018, 4, 18033.	30.5	833
4	Identification of a novel plasmid-mediated colistin-resistance gene, <i>mcr-2</i> , in <i>Escherichia coli</i> , Belgium, June 2016. <i>Eurosurveillance</i> , 2016, 21, .	7.0	648
5	Effect of azithromycin and clarithromycin therapy on pharyngeal carriage of macrolide-resistant streptococci in healthy volunteers: a randomised, double-blind, placebo-controlled study. <i>Lancet</i> , The, 2007, 369, 482-490.	13.7	465
6	Multiplex PCR for detection of plasmid-mediated colistin resistance determinants, <i>mcr-1</i> , <i>mcr-2</i> , <i>mcr-3</i> , <i>mcr-4</i> and <i>mcr-5</i> for surveillance purposes. <i>Eurosurveillance</i> , 2018, 23, .	7.0	431
7	European Surveillance of Antimicrobial Consumption (ESAC): outpatient antibiotic use in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 401-407.	3.0	336
8	Interventions to reduce colonisation and transmission of antimicrobial-resistant bacteria in intensive care units: an interrupted time series study and cluster randomised trial. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 31-39.	9.1	297
9	Surveillance for control of antimicrobial resistance. <i>Lancet Infectious Diseases</i> , The, 2018, 18, e99-e106.	9.1	235
10	In vivo and In vitro Interactions between <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus</i> spp.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 106.	3.9	193
11	Colistin resistance gene <i>mcr-1</i> harboured on a multidrug resistant plasmid. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 283-284.	9.1	153
12	Multiplex PCR for Simultaneous Detection of Macrolide and Tetracycline Resistance Determinants in Streptococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4798-4800.	3.2	144
13	MLST reveals potentially high-risk international clones of <i>Enterobacter cloacae</i> *. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 48-56.	3.0	131
14	Decontamination Strategies and Bloodstream Infections With Antibiotic-Resistant Microorganisms in Ventilated Patients. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2087.	7.4	127
15	Colistin-resistant <i>Escherichia coli</i> harbouring <i>mcr-1</i> isolated from food animals in Hanoi, Vietnam. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 286-287.	9.1	109
16	Current Trends in Rapid Diagnostics for Methicillin-Resistant <i>Staphylococcus aureus</i> and Glycopeptide-Resistant <i>Enterococcus</i> Species. <i>Journal of Clinical Microbiology</i> , 2008, 46, 1577-1587.	3.9	107
17	Proposal for assignment of allele numbers for mobile colistin resistance (<i>mcr</i>) genes. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2625-2630.	3.0	101
18	Current Trends in Culture-Based and Molecular Detection of Extended-Spectrum- β -Lactamase-Harboring and Carbapenem-Resistant Enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1140-1146.	3.9	98

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19	Consolidating and Exploring Antibiotic Resistance Gene Data Resources. <i>Journal of Clinical Microbiology</i> , 2016, 54, 851-859.	3.9	94
20	European Surveillance of Antimicrobial Consumption (ESAC): outpatient quinolone use in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 423-427.	3.0	90
21	The effects of antibiotic cycling and mixing on antibiotic resistance in intensive care units: a cluster-randomised crossover trial. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 401-409.	9.1	65
22	Complete sequence of an IncFII plasmid harbouring the colistin resistance gene <i>mcr-1</i> isolated from Belgian pig farms. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2342-2344.	3.0	63
23	Evaluation of colistin stability in agar and comparison of four methods for MIC testing of colistin. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 345-353.	2.9	61
24	Effect of Amoxicillin Dose and Treatment Duration on the Need for Antibiotic Re-treatment in Children With Community-Acquired Pneumonia. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1713.	7.4	57
25	Evaluation of Chromogenic Media for Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2010, 48, 1040-1046.	3.9	56
26	Addressing the challenges in antiseptics: focus on povidone iodine. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106064.	2.5	56
27	European Surveillance of Antimicrobial Consumption (ESAC): outpatient macrolide, lincosamide and streptogramin (MLS) use in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 418-422.	3.0	51
28	The endotracheal tube microbiome associated with <i>Pseudomonas aeruginosa</i> or <i>Staphylococcus epidermidis</i> . <i>Scientific Reports</i> , 2016, 6, 36507.	3.3	51
29	Comparison of strategies to reduce methicillin-resistant <i>Staphylococcus aureus</i> rates in surgical patients: a controlled multicentre intervention trial. <i>BMJ Open</i> , 2013, 3, e003126.	1.9	49
30	Effect of outpatient antibiotics for urinary tract infections on antimicrobial resistance among commensal Enterobacteriaceae: a multinational prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2018, 24, 972-979.	6.0	49
31	Characterization of carbapenemase-producing Enterobacteriaceae from colonized patients in a university hospital in Madrid, Spain, during the R-GNOSIS project depicts increased clonal diversity over time with maintenance of high-risk clones. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3039-3043.	3.0	47
32	Rapid evolution and host immunity drive the rise and fall of carbapenem resistance during an acute <i>Pseudomonas aeruginosa</i> infection. <i>Nature Communications</i> , 2021, 12, 2460.	12.8	47
33	Comparison of Biofilm Formation between Major Clonal Lineages of Methicillin Resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2014, 9, e104561.	2.5	43
34	Microbiota-based markers predictive of development of <i>Clostridioides difficile</i> infection. <i>Nature Communications</i> , 2021, 12, 2241.	12.8	40
35	Active liquid degassing in microfluidic systems. <i>Lab on A Chip</i> , 2013, 13, 4366.	6.0	38
36	Colistin-Resistant <i>Acinetobacter baumannii</i> Clinical Strains with Deficient Biofilm Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1892-1895.	3.2	38

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37	Clonal spread of fluoroquinolone non-susceptible <i>Streptococcus pyogenes</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 320-325.	3.0	37
38	Macrolide- and Telithromycin-resistant <i>Streptococcus pyogenes</i> , Belgium, 1999–2003. <i>Emerging Infectious Diseases</i> , 2005, 11, 939-942.	4.3	34
39	Estimating the association between antibiotic exposure and colonization with extended-spectrum β -lactamase-producing Gram-negative bacteria using machine learning methods: a multicentre, prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2020, 26, 87-94.	6.0	34
40	A Lateral Flow Immunoassay for the Rapid Identification of CTX-M-Producing Enterobacterales from Culture Plates and Positive Blood Cultures. <i>Diagnostics</i> , 2020, 10, 764.	2.6	33
41	The global dissemination of hospital clones of <i>Enterococcus faecium</i> . <i>Genome Medicine</i> , 2021, 13, 52.	8.2	33
42	An <i>In Vitro</i> Deletion in <i>ribE</i> Encoding Lumazine Synthase Contributes to Nitrofurantoin Resistance in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7225-7233.	3.2	32
43	Integrated DNA and RNA extraction and purification on an automated microfluidic cassette from bacterial and viral pathogens causing community-acquired lower respiratory tract infections. <i>Lab on A Chip</i> , 2014, 14, 1519-1526.	6.0	32
44	Antimicrobial Drug Use and Macrolide-Resistant <i>Streptococcus pyogenes</i> , Belgium. <i>Emerging Infectious Diseases</i> , 2012, 18, 1515-1518.	4.3	31
45	EFFECT OF GTS-21, AN ALPHA7 NICOTINIC ACETYLCHOLINE RECEPTOR AGONIST, ON CLP-INDUCED INFLAMMATORY, GASTROINTESTINAL MOTILITY, AND COLONIC PERMEABILITY CHANGES IN MICE. <i>Shock</i> , 2016, 45, 450-459.	2.1	31
46	BacPipe: A Rapid, User-Friendly Whole-Genome Sequencing Pipeline for Clinical Diagnostic Bacteriology. <i>IScience</i> , 2020, 23, 100769.	4.1	31
47	Oropharyngeal carriage of macrolide-resistant viridans group streptococci: a prevalence study among healthy adults in Belgium. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 271-276.	3.0	29
48	Impact of amoxicillin therapy on resistance selection in patients with community-acquired lower respiratory tract infections: a randomized, placebo-controlled study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 3258-3267.	3.0	29
49	Animal models of hospital-acquired pneumonia: current practices and future perspectives. <i>Annals of Translational Medicine</i> , 2017, 5, 132-132.	1.7	29
50	Nasopharyngeal <i>s. pneumoniae</i> carriage and density in Belgian infants after 9 years of pneumococcal conjugate vaccine programme. <i>Vaccine</i> , 2018, 36, 15-22.	3.8	29
51	Bacitracin-Resistant Clone of <i>Streptococcus pyogenes</i> Isolated from Pharyngitis Patients in Belgium. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5282-5284.	3.9	28
52	Metagenomic analysis of the impact of nitrofurantoin treatment on the human faecal microbiota. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1989-1992.	3.0	28
53	The COMPARE Data Hubs. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	28
54	Emergence of high-level fluoroquinolone resistance in emm6 <i>Streptococcus pyogenes</i> and in vitro resistance selection with ciprofloxacin, levofloxacin and moxifloxacin. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 886-894.	3.0	27

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55	Evaluation of Molecular Assays for Rapid Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2010, 48, 4598-4601.	3.9	27
56	A multinational study of colonization with extended spectrum β -lactamase-producing Enterobacteriaceae in healthcare personnel and family members of carrier patients hospitalized in rehabilitation centres. <i>Clinical Microbiology and Infection</i> , 2014, 20, O516-O523.	6.0	27
57	Fatty acid kinase A is an important determinant of biofilm formation in <i>Staphylococcus aureus</i> USA300. <i>BMC Genomics</i> , 2015, 16, 861.	2.8	26
58	Prospective One Health genetic surveillance in Vietnam identifies distinct blaCTX-M-harboring <i>Escherichia coli</i> in food-chain and human-derived samples. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1515.e1-1515.e8.	6.0	26
59	AMRmap: An Interactive Web Platform for Analysis of Antimicrobial Resistance Surveillance Data in Russia. <i>Frontiers in Microbiology</i> , 2021, 12, 620002.	3.5	26
60	Comparison of GeneXpert MRSA/SA ETA assay with semi-quantitative and quantitative cultures and nucleic acid-based qPCR for detection of <i>Staphylococcus aureus</i> in endotracheal aspirate samples. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 4.	4.1	25
61	Antimicrobial Resistance Following Azithromycin Mass Drug Administration: Potential Surveillance Strategies to Assess Public Health Impact. <i>Clinical Infectious Diseases</i> , 2020, 70, 1501-1508.	5.8	25
62	Faropenem Consumption is Increasing in India. <i>Clinical Infectious Diseases</i> , 2016, 62, 1050.2-1052.	5.8	24
63	Follow-up of serotype distribution and antimicrobial susceptibility of <i>Streptococcus pneumoniae</i> in child carriage after a PCV13-to-PCV10 vaccine switch in Belgium. <i>Vaccine</i> , 2019, 37, 1080-1086.	3.8	23
64	A dynamic mucin mRNA signature associates with COVID-19 disease presentation and severity. <i>JCI Insight</i> , 2021, 6, .	5.0	23
65	Susceptibility profiles and resistance genomics of <i>Pseudomonas aeruginosa</i> isolates from European ICUs participating in the ASPIRE-ICU trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1862-1872.	3.0	23
66	Enzymes Catalyzing the TCA- and Urea Cycle Influence the Matrix Composition of Biofilms Formed by Methicillin-Resistant <i>Staphylococcus aureus</i> USA300. <i>Microorganisms</i> , 2018, 6, 113.	3.6	21
67	Association of <i>Staphylococcus aureus</i> Colonization and Pneumonia in the Intensive Care Unit. <i>JAMA Network Open</i> , 2020, 3, e2012741.	5.9	21
68	Incidence and predictive biomarkers of <i>Clostridioides difficile</i> infection in hospitalized patients receiving broad-spectrum antibiotics. <i>Nature Communications</i> , 2021, 12, 2240.	12.8	21
69	How nasopharyngeal pneumococcal carriage evolved during and after a PCV13-to-PCV10 vaccination programme switch in Belgium, 2016 to 2018. <i>Eurosurveillance</i> , 2020, 25, .	7.0	21
70	Quantifying antibiotic impact on within-patient dynamics of extended-spectrum beta-lactamase resistance. <i>ELife</i> , 2020, 9, .	6.0	21
71	Beneficial Effects of Anti-Interleukin-6 Antibodies on Impaired Gastrointestinal Motility, Inflammation and Increased Colonic Permeability in a Murine Model of Sepsis Are Most Pronounced When Administered in a Preventive Setup. <i>PLoS ONE</i> , 2016, 11, e0152914.	2.5	20
72	Interspecies Recombination Occurs Frequently in Quinolone Resistance-Determining Regions of Clinical Isolates of <i>Streptococcus pyogenes</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4191-4193.	3.2	19

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73	Unusual resistance patterns in macrolide-resistant <i>Streptococcus pyogenes</i> harbouring erm(A). <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 42-46.	3.0	19
74	Increase in fluoroquinolone non-susceptibility among clinical <i>Streptococcus pyogenes</i> in Belgium during 2007-10. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2602-2605.	3.0	19
75	Biofilm-Induced Type 2 Innate Immunity in a Cystic Fibrosis Model of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 274.	3.9	19
76	Molecular pathways to high-level azithromycin resistance in <i>Neisseria gonorrhoeae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1752-1758.	3.0	19
77	Characterizing the in vitro biofilm phenotype of <i>Staphylococcus epidermidis</i> isolates from central venous catheters. <i>Journal of Microbiological Methods</i> , 2016, 127, 95-101.	1.6	18
78	The interplay between community and hospital <i>Enterococcus faecium</i> clones within health-care settings: a genomic analysis. <i>Lancet Microbe</i> , The, 2022, 3, e133-e141.	7.3	17
79	No SARS-CoV-2 carriage observed in children attending daycare centers during the initial weeks of the epidemic in Belgium. <i>Journal of Medical Virology</i> , 2021, 93, 1828-1831.	5.0	16
80	Whole-genome typing and characterization of bla _{VIM} 19-harboring ST383 <i>Klebsiella pneumoniae</i> by PFGE, whole-genome mapping and WGS. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1501-1509.	3.0	14
81	Remarkable Genome Stability among emm1 Group A <i>Streptococcus</i> in Belgium over 19 Years. <i>Genome Biology and Evolution</i> , 2019, 11, 1432-1439.	2.5	14
82	Emergence of colistin resistance during treatment of recurrent pneumonia caused by carbapenemase producing <i>Klebsiella pneumoniae</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 94, 407-409.	1.8	14
83	Remarkable geographical variations between India and Europe in carriage of the staphylococcal surface protein-encoding sasX/sesI and in the population structure of methicillin-resistant <i>Staphylococcus aureus</i> belonging to clonal complex 8. <i>Clinical Microbiology and Infection</i> , 2019, 25, 628.e1-628.e7.	6.0	14
84	Effects of intestinal alkaline phosphatase on intestinal barrier function in a cecal ligation and puncture (CLP)-induced mouse model for sepsis. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13754.	3.0	14
85	In-depth analysis of pneumococcal serotypes in Belgian children (2015–2018): Diversity, invasive disease potential, and antimicrobial susceptibility in carriage and disease. <i>Vaccine</i> , 2021, 39, 372-379.	3.8	14
86	Complete Genome Sequences of Two Prolific Biofilm-Forming <i>Staphylococcus aureus</i> Isolates Belonging to USA300 and EMRSA-15 Clonal Lineages. <i>Genome Announcements</i> , 2014, 2, .	0.8	13
87	Rationale and design of ASPIRE-ICU: a prospective cohort study on the incidence and predictors of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> pneumonia in the ICU. <i>BMC Infectious Diseases</i> , 2017, 17, 643.	2.9	13
88	Exploring Virulence Factors and Alternative Therapies against <i>Staphylococcus aureus</i> Pneumonia. <i>Toxins</i> , 2020, 12, 721.	3.4	13
89	Employing whole genome mapping for optimal de novo assembly of bacterial genomes. <i>BMC Research Notes</i> , 2014, 7, 484.	1.4	12
90	Optimization of an in vitro gut microbiome biotransformation platform with chlorogenic acid as model compound: From fecal sample to biotransformation product identification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112768.	2.8	12

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91	Mechanical Ventilation Impairs IL-17 Cytokine Family Expression in Ventilator-Associated Pneumonia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5072.	4.1	12
92	Whole genome mapping as a fast-track tool to assess genomic stability of sequenced <i>Staphylococcus aureus</i> strains. <i>BMC Research Notes</i> , 2014, 7, 704.	1.4	11
93	Host Immunity Influences the Composition of Murine Gut Microbiota. <i>Frontiers in Immunology</i> , 2022, 13, 828016.	4.8	11
94	Complete Genome Sequences of Nitrofurantoin-Sensitive and -Resistant <i>Escherichia coli</i> ST540 and ST2747 Strains. <i>Genome Announcements</i> , 2014, 2, .	0.8	10
95	A longitudinal study of <i>Staphylococcus aureus</i> colonization in pigs in Ireland. <i>Veterinary Microbiology</i> , 2014, 174, 504-513.	1.9	10
96	Blood Cytokine Analysis Suggests That SARS-CoV-2 Infection Results in a Sustained Tumour Promoting Environment in Cancer Patients. <i>Cancers</i> , 2021, 13, 5718.	3.7	10
97	The effects of topical antibiotics on eradication and acquisition of third-generation cephalosporin and carbapenem-resistant Gram-negative bacteria in ICU patients; a post hoc analysis from a multicentre cluster-randomized trial. <i>Clinical Microbiology and Infection</i> , 2020, 26, 485-491.	6.0	9
98	Emergence of ST654 <i>Pseudomonas aeruginosa</i> co-harboring bla _{NDM-1} and bla _{GES-5} in novel class I integron In1884 from Bulgaria. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 672-673.	2.2	6
99	Mechanical Ventilation Induces Interleukin 4 Secretion in Lungs and Reduces the Phagocytic Capacity of Lung Macrophages. <i>Journal of Infectious Diseases</i> , 2018, 217, 1645-1655.	4.0	5
100	Identification of mcr-8 in Clinical Isolates From Qatar and Evaluation of Their Antimicrobial Profiles. <i>Frontiers in Microbiology</i> , 2020, 11, 1954.	3.5	5
101	<i>Streptococcus pneumoniae</i> Serotypes Carried by Young Children and Their Association With Acute Otitis Media During the Period 2016-2019. <i>Frontiers in Pediatrics</i> , 2021, 9, 664083.	1.9	5
102	Sub-Inhibitory Concentrations of Chlorhexidine Induce Resistance to Chlorhexidine and Decrease Antibiotic Susceptibility in <i>Neisseria gonorrhoeae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 776909.	3.5	5
103	Molecular characteristics of community-associated methicillin-resistant <i>Staphylococcus aureus</i> colonizing surgical patients in Greece. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 74, 420-422.	1.8	4
104	Chlorogenic Acid as a Model Compound for Optimization of an In Vitro Gut Microbiome-Metabolism Model. <i>Proceedings (mdpi)</i> , 2019, 11, 31.	0.2	4
105	Potential in vivo transfer of a bla _{CTX-M14} -harbouring plasmid established by combining long- and short-read sequencing. <i>Journal of Microbiological Methods</i> , 2019, 159, 1-4.	1.6	4
106	Detection and characterization of two NDM-1-producing <i>Klebsiella pneumoniae</i> strains from Bulgaria. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1428-1430.	3.0	3
107	Detection of colistin resistance in the highly virulent <i>Escherichia coli</i> ST131 H30Rx clone in Greece. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 20, 31-32.	2.2	3
108	Editorial Commentary: Mass Azithromycin Distribution and Emerging Resistance: Taking a Minimum Harms Approach. <i>Clinical Infectious Diseases</i> , 2013, 56, 1527-1529.	5.8	2

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109	Clonal transmission of multidrug-resistant <i>Acinetobacter baumannii</i> harbouring blaOXA-24-like and blaOXA-23-like genes in a tertiary hospital in Albania. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 79-81.	2.2	2
110	Evaluation of GeneXpert PA assay compared to genomic and (semi-)quantitative culture methods for direct detection of <i>Pseudomonas aeruginosa</i> in endotracheal aspirates. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 110.	4.1	2
111	Assessing the Impact of Flavophospholipol and Virginiamycin Supplementation on the Broiler Microbiota: a Prospective Controlled Intervention Study. <i>MSystems</i> , 2021, 6, e0038121.	3.8	2
112	Detection of SARS-CoV-2 in young children attending day-care centres in Belgium, May 2020 to February 2022. <i>Eurosurveillance</i> , 2022, 27, .	7.0	2
113	Novel composite SCCmec type III element in ST239 MRSA isolated from an Indian hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 74, 264-266.	3.0	1
114	Analysis from the NeoOBS Global Neonatal Sepsis Prospective Observational Cohort Study Across 19 Hospitals in 11 Countries; Clinical Presentation, Treatment, Mortality Outcomes and Development of the NeoSEP Sepsis Severity Score. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
115	Obesity influences the microbiotic biotransformation of chlorogenic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114550.	2.8	1
116	Screening of Anorectal and Oropharyngeal Samples Fails to Detect Bacteriophages Infecting <i>Neisseria gonorrhoeae</i> . <i>Antibiotics</i> , 2022, 11, 268.	3.7	1
117	Identification of Potential Urinary Metabolite Biomarkers of <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia. <i>Biomarker Insights</i> , 2022, 17, 117727192210991.	2.5	1
118	Sa1172 - Effects of the Non-Selective Protease Inhibitor Nafamostat Mesylate on Intestinal Permeability and Bacterial Translocation in a Murine Model of Sepsis. <i>Gastroenterology</i> , 2018, 154, S-267-S-268.	1.3	0
119	COMBACTE LAB-Net: building a European laboratory network for clinical trials on anti-infectives. <i>Future Microbiology</i> , 2021, 16, 635-647.	2.0	0
120	Clinical Presentation and 28-Day Mortality in Hospitalized Neonates and Young Infants with Clinical Sepsis: The Global NeoOBS Observational Cohort. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
121	BacPipe: A Rapid, User-Friendly Whole Genome Sequencing Pipeline for Clinical Diagnostic Bacteriology. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
122	1486. Phylogenetic and alpha toxin variant analyses of <i>Staphylococcus aureus</i> strains isolated from patients during the SAATELLITE study. <i>Open Forum Infectious Diseases</i> , 2020, 7, S744-S745.	0.9	0