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List of Publications by Year in descending order

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33
papers

630
citations

623574

14
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24
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35
all docs

35
docs citations

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times ranked

974
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#	ARTICLE	IF	CITATIONS
1	A Two-Year Surveillance in Five Colombian Tertiary Care Hospitals Reveals High Frequency of Non-CG258 Clones of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> with Distinct Clinical Characteristics. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 332-342.	1.4	82
2	CC8 MRSA Strains Harboring SCCmec Type IVc are Predominant in Colombian Hospitals. <i>PLoS ONE</i> , 2012, 7, e38576.	1.1	55
3	Inactivation of carbapenem-resistant <i>Klebsiella pneumoniae</i> by photo-Fenton: Residual effect, gene evolution and modifications with citric acid and persulfate. <i>Water Research</i> , 2019, 161, 354-363.	5.3	47
4	Knowledge, attitude, and practice regarding antibiotic use and resistance among medical students in Colombia: a cross-sectional descriptive study. <i>BMC Public Health</i> , 2020, 20, 1861.	1.2	42
5	Similar Frequencies of <i>Pseudomonas aeruginosa</i> Isolates Producing KPC and VIM Carbapenemases in Diverse Genetic Clones at Tertiary-Care Hospitals in Medellín, Colombia. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3978-3986.	1.8	38
6	Risk factors and survival of patients infected with carbapenem-resistant <i>Klebsiella pneumoniae</i> in a KPC endemic setting: a case-control and cohort study. <i>BMC Infectious Diseases</i> , 2019, 19, 830.	1.3	35
7	Elimination of carbapenem resistant <i>Klebsiella pneumoniae</i> in water by UV-C, UV-C/persulfate and UV-C/H ₂ O ₂ . Evaluation of response to antibiotic, residual effect of the processes and removal of resistance gene. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 102196.	3.3	30
8	Metagenomic analysis of urban wastewater resistome and mobilome: A support for antimicrobial resistance surveillance in an endemic country. <i>Environmental Pollution</i> , 2021, 276, 116736.	3.7	30
9	Livestock-associated Methicillin-Susceptible <i>Staphylococcus aureus</i> ST398 Infection in Woman, Colombia. <i>Emerging Infectious Diseases</i> , 2011, 17, 1970-1971.	2.0	27
10	Differences in Epidemiological and Molecular Characteristics of Nasal Colonization with <i>Staphylococcus aureus</i> (MSSA-MRSA) in Children from a University Hospital and Day Care Centers. <i>PLoS ONE</i> , 2014, 9, e101417.	1.1	27
11	A comparison of methicillin-resistant and methicillin-susceptible <i>Staphylococcus aureus</i> reveals no clinical and epidemiological but molecular differences. <i>International Journal of Medical Microbiology</i> , 2013, 303, 76-83.	1.5	25
12	High clonal diversity of multidrug-resistant and extended spectrum beta-lactamase-producing <i>Escherichia coli</i> in a wastewater treatment plant. <i>Journal of Environmental Management</i> , 2019, 245, 37-47.	3.8	25
13	Molecular epidemiology of carbapenem resistant gram-negative bacilli from infected pediatric population in tertiary - care hospitals in Medellín, Colombia: an increasing problem. <i>BMC Infectious Diseases</i> , 2016, 16, 463.	1.3	24
14	Multidrug resistance and diversity of resistance profiles in carbapenem-resistant Gram-negative bacilli throughout a wastewater treatment plant in Colombia. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 358-366.	0.9	20
15	High excess costs of infections caused by carbapenem-resistant Gram-negative bacilli in an endemic region. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 601-607.	1.1	16
16	In vitro susceptibility of methicillin-resistant <i>Staphylococcus aureus</i> isolates from skin and soft tissue infections to vancomycin, daptomycin, linezolid and tedizolid. <i>Brazilian Journal of Infectious Diseases</i> , 2017, 21, 493-499.	0.3	13
17	Knowledge regarding antibiotic use among students of three medical schools in Medellín, Colombia: a cross-sectional study. <i>BMC Medical Education</i> , 2020, 20, 22.	1.0	10
18	Irreversible inactivation of carbapenem-resistant <i>Klebsiella pneumoniae</i> and its genes in water by photo-electro-oxidation and photo-electro-Fenton - Processes action modes. <i>Science of the Total Environment</i> , 2021, 792, 148360.	3.9	10

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19	First reported case of an OXA-48-producing isolate from a Colombian patient. <i>Journal of Global Antimicrobial Resistance</i> , 2016, 6, 67-68.	0.9	9
20	Colistin Resistance in Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Mediated by Chromosomal Integration of Plasmid DNA. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	9
21	High frequency of methicillin-susceptible and methicillin-resistant <i>Staphylococcus aureus</i> in children under 1 year old with skin and soft tissue infections. <i>Jornal De Pediatria</i> , 2018, 94, 380-389.	0.9	8
22	<p>Health-Related Quality of Life in Patients with Chronic Kidney Disease in Hemodialysis in Medellín (Colombia)</p>. <i>Patient Preference and Adherence</i> , 2019, Volume 13, 2061-2070.	0.8	7
23	High frequency of gram-negative bacilli harboring blaKPC-2 in the different stages of wastewater treatment plant: A successful mechanism of resistance to carbapenems outside the hospital settings. <i>Journal of Environmental Management</i> , 2020, 271, 111046.	3.8	7
24	<i>Staphylococcus aureus</i> colonization increases the risk of bacteremia in hemodialysis patients: a molecular epidemiology approach with time-dependent analysis. <i>American Journal of Infection Control</i> , 2021, 49, 215-223.	1.1	6
25	High intermittent colonization by diverse clones of β -lactam-resistant Gram-negative bacilli suggests an excessive antibiotic use and different sources of transmission in haemodialysis patients. <i>Journal of Hospital Infection</i> , 2021, 107, 76-86.	1.4	6
26	A longitudinal study shows intermittent colonization by <i>Staphylococcus aureus</i> with a high genetic diversity in hemodialysis patients. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151471.	1.5	6
27	Post-antibiotic era in hemodialysis? Two case reports of simultaneous colonization and bacteremia by multidrug-resistant bacteria. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2021, 43, 597-602.	0.4	3
28	Detection of carbapenem resistance genes in <i>Pseudomonas aeruginosa</i> isolates with several phenotypic susceptibility profiles. <i>CES Medicina</i> , 2018, 32, 203-214.	0.1	3
29	Costos económicos directos de las infecciones del tracto urinario por bacilos Gram negativos resistentes a betalactámicos en un hospital de alta complejidad de Medellín, Colombia. <i>Biomedica</i> , 2019, 39, 35-49.	0.3	2
30	Climatological and Epidemiological Conditions Are Important Factors Related to the Abundance of blaKPC and Other Antibiotic Resistance Genes (ARGs) in Wastewater Treatment Plants and Their Effluents, in an Endemic Country. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 686472.	1.8	2
31	Brotos hospitalarios de bacterias resistentes a colistina: revisión sistemática de la literatura. <i>Infectio</i> , 2017, 21, .	0.4	2
32	The remarkable genetic relationship between <i>Staphylococcus aureus</i> isolates from hemodialysis patients and their household contacts: Homes as an important source of colonization and dissemination. <i>PLoS ONE</i> , 2022, 17, e0267276.	1.1	2
33	High frequency of colonization by diverse clones of beta-lactam-resistant Gram-negative bacilli in haemodialysis: different sources of transmission outside the renal unit?. <i>Journal of Medical Microbiology</i> , 2020, 69, 1132-1144.	0.7	1