

Antonio Domínguez-Sánchez

List of Publications by Year in descending order

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37
papers

3,066
citations

430874

18
h-index

330143

37
g-index

38
all docs

38
docs citations

38
times ranked

3400
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Carbapenem-Hydrolyzing β -Lactamase, KPC-1, from a Carbapenem-Resistant Strain of <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1151-1161.	3.2	1,415
2	<i>Klebsiella pneumoniae</i> AcrAB Efflux Pump Contributes to Antimicrobial Resistance and Virulence. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 177-183.	3.2	332
3	Porin expression in clinical isolates of <i>Klebsiella pneumoniae</i> . <i>Microbiology (United Kingdom)</i> , 1999, 145, 673-679.	1.8	189
4	Carbapenem-Resistant Strain of <i>Klebsiella oxytoca</i> Harboring Carbapenem-Hydrolyzing β -Lactamase KPC-2. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3881-3889.	3.2	172
5	Role of <i>Klebsiella pneumoniae</i> OmpK35 Porin in Antimicrobial Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 3332-3335.	3.2	141
6	Characterization of the Extended-Spectrum β -Lactamase Reference Strain, <i>Klebsiella pneumoniae</i> K6 (ATCC 700603), Which Produces the Novel Enzyme SHV-18. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2382-2388.	3.2	119
7	Role of <i>Klebsiella pneumoniae</i> LamB Porin in Antimicrobial Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 1803-1805.	3.2	87
8	Expression of SHV-2 β -Lactamase and of Reduced Amounts of OmpK36 Porin in <i>Klebsiella pneumoniae</i> Results in Increased Resistance to Cephalosporins and Carbapenems. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 3679-3682.	3.2	73
9	Energy-Dependent Accumulation of Norfloxacin and Porin Expression in Clinical Isolates of <i>Klebsiella pneumoniae</i> and Relationship to Extended-Spectrum β -Lactamase Production. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 3926-3932.	3.2	60
10	OmpK26, a Novel Porin Associated with Carbapenem Resistance in <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4742-4747.	3.2	56
11	Mutations in <i>gyrA</i> and <i>parC</i> QRDs Are Not Relevant for Quinolone Resistance in Epidemiological Unrelated <i>Stenotrophomonas maltophilia</i> Clinical Isolates. <i>Microbial Drug Resistance</i> , 2002, 8, 245-251.	2.0	45
12	Augmented Reality for Real-Time Detection and Interpretation of Colorimetric Signals Generated by Paper-Based Biosensors. <i>ACS Sensors</i> , 2017, 2, 848-853.	7.8	39
13	Interplay among Resistance Profiles, High-Risk Clones, and Virulence in the <i>Caenorhabditis elegans</i> <i>Pseudomonas aeruginosa</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	39
14	Ultrafast and Ultrasensitive Naked-Eye Detection of Urease-Positive Bacteria with Plasmonic Nanosensors. <i>ACS Sensors</i> , 2019, 4, 961-967.	7.8	36
15	Emetic Disease Caused by <i>Bacillus cereus</i> After Consumption of Tuna Fish in a Beach Club. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 835-837.	1.8	34
16	Novel Carbapenem-Hydrolyzing β -Lactamase, KPC-1, from a Carbapenem-Resistant Strain of <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 809-809.	3.2	31
17	Sensing Mg^{2+} contributes to the resistance of <i>Pseudomonas aeruginosa</i> to complement-mediated opsonophagocytosis. <i>Environmental Microbiology</i> , 2017, 19, 4278-4286.	3.8	20
18	Microbiological Levels of Randomly Selected Food Contact Surfaces in Hotels Located in Spain During 2007–2009. <i>Foodborne Pathogens and Disease</i> , 2011, 8, 1025-1029.	1.8	19

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19	Unmanageable norovirus outbreak in a single resort located in the Dominican Republic. <i>Clinical Microbiology and Infection</i> , 2011, 17, 952-954.	6.0	18
20	Identification of two additives, locust bean gum (E-410) and guar gum (E-412), in food products by DNA-based methods. <i>Food Additives and Contaminants</i> , 2004, 21, 619-625.	2.0	15
21	Effect of Porins and Plasmid-Mediated AmpC β -Lactamases on the Efficacy of β -Lactams in Rat Pneumonia Caused by <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2258-2260.	3.2	14
22	Gastroenteritis Outbreaks in 2 Tourist Resorts, Dominican Republic. <i>Emerging Infectious Diseases</i> , 2009, 15, 1877-1878.	4.3	14
23	Evaluation of differential gene expression in susceptible and resistant clinical isolates of <i>Klebsiella pneumoniae</i> by DNA microarray analysis. <i>Clinical Microbiology and Infection</i> , 2006, 12, 936-940.	6.0	13
24	<i>Pseudomonas aeruginosa</i> adaptation in cystic fibrosis patients increases C5a levels and promotes neutrophil recruitment. <i>Virulence</i> , 2022, 13, 215-224.	4.4	13
25	Gastroenteritis outbreak caused by norovirus associated with the children's club of a hotel located in Majorca, Spain. <i>Clinical Microbiology and Infection</i> , 2011, 17, 949-951.	6.0	11
26	New Method of DNA Isolation from Two Food Additives Suitable for Authentication in Polymerase Chain Reaction Assays. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 3345-3347.	5.2	7
27	Cost-Effectiveness Analysis of Chlorine-Based and Alternative Disinfection Systems for Pool Waters. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	1.4	7
28	Fundamento, tipos y aplicaciones de los arrays de ADN en la microbiología médica. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2004, 22, 46-54.	0.5	7
29	Molecular Analysis of the Contribution of Alkaline Protease A and Elastase B to the Virulence of <i>Pseudomonas aeruginosa</i> Bloodstream Infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 816356.	3.9	7
30	Water loss in swimming pool filter backwashing processes in the Balearic Islands (Spain). <i>Water Policy</i> , 2021, 23, 1314-1328.	1.5	5
31	Determination of <i>Legionella</i> spp. prevalence in Spanish hotels in five years. Are tourists really at risk?. <i>Travel Medicine and Infectious Disease</i> , 2022, 46, 102269.	3.0	5
32	Environmental surveillance of <i>Legionella</i> in tourist facilities of the Balearic Islands, Spain, 2006 to 2010 and 2015 to 2018. <i>Eurosurveillance</i> , 2022, 27, .	7.0	5
33	Use of Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry Analysis of Serum Peptidome to Classify and Predict Coronavirus Disease 2019 Severity. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab222.	0.9	3
34	Efficient management of a norovirus outbreak causing gastroenteritis in two hotels in Spain, 2014. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2020, 38, 431-433.	0.5	2
35	Brote de gastroenteritis causado por norovirus en un hotel de Menorca, España. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2021, 39, 22-24.	0.5	2
36	Norovirus outbreak causing gastroenteritis in a hotel in Menorca, Spain. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2021, 39, 22-24.	0.3	1

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37	Efficient management of a norovirus outbreak causing gastroenteritis in two hotels in Spain, 2014. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2020, 38, 431-433.	0.3	0