Alberto Quesada

List of Publications by Year
in descending order

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60 papers	2,520 citations	279798 23 h-index	197818 49 g-index
61 all docs	61 docs citations	61 times ranked	2872 citing authors

#	Article	IF	Citations
1	Editorial: Zoonotic Microorganisms and Spread of Acquired Polymyxin Resistance Determinants. Frontiers in Microbiology, 2022, 13, 849316.	3.5	0
2	Dissemination of antimicrobialâ€resistant isolates of Salmonella spp. in wild boars and its relationship with management practices. Transboundary and Emerging Diseases, 2022, , .	3.0	3
3	Longitudinal study of the mcr-1 gene prevalence in Spanish food-producing pigs from 1998 to 2021 and its relationship with the use of polymyxins. Porcine Health Management, 2022, 8, 12.	2.6	10
4	The Plasmid-Mediated Kluyvera -Like arnBCADTEF Operon Confers Colistin (Hetero)Resistance to Escherichia coli. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	5
5	Colistin Selection of the Mcr-1 Gene in Broiler Chicken Intestinal Microbiota. Antibiotics, 2021, 10, 677.	3.7	1
6	Occurrence of tet(O/M/O) Mosaic Gene in Tetracycline-Resistant Campylobacter. Microorganisms, 2020, 8, 1710.	3.6	17
7	Complementarity of Selective Culture and qPCR for Colistin Resistance Screening in Fresh and Frozen Pig Cecum Samples. Frontiers in Microbiology, 2020, 11, 572712.	3.5	4
8	Involvement of hpap2 and dgkA Genes in Colistin Resistance Mediated by mcr Determinants. Antibiotics, 2020, 9, 531.	3.7	9
9	Spread of Antimicrobial Resistance by Salmonella enterica Serovar Choleraesuis between Close Domestic and Wild Environments. Antibiotics, 2020, 9, 750.	3.7	6
10	Outbreaks of antimicrobial resistantSalmonellaCholeraesuis in wild boars piglets from centralâ€western Spain. Transboundary and Emerging Diseases, 2019, 66, 225-233.	3.0	23
11	Gene pool transmission of multidrug resistance among Campylobacter from livestock, sewage and human disease. Environmental Microbiology, 2019, 21, 4597-4613.	3.8	68
12	Carbapenemase-Producing Elizabethkingia Meningoseptica from Healthy Pigs Associated with Colistin Use in Spain. Antibiotics, 2019, 8, 146.	3.7	0
13	Prevalence ofSalmonellaspp. in tonsils, mandibular lymph nodes and faeces of wild boar from Spain and genetic relationship between isolates. Transboundary and Emerging Diseases, 2019, 66, 1218-1226.	3.0	20
14	Nasal shedding of Mycobacterium tuberculosis in wild boar is related to generalised tuberculosis and concomitant infections. Veterinary Record, 2019, 185, 629-629.	0.3	8
15	National colistin sales versus colistin resistance in Spanish pig production. Research in Veterinary Science, 2019, 123, 141-143.	1.9	12
16	Regulation by biotic stress of tannins biosynthesis in Quercus ilex: Crosstalk between defoliation and Phytophthora cinnamomi infection. Physiologia Plantarum, 2019, 165, 319-329.	5.2	23
17	ant(6)-I Genes Encoding Aminoglycoside O-Nucleotidyltransferases Are Widely Spread Among Streptomycin Resistant Strains of Campylobacter jejuni and Campylobacter coli. Frontiers in Microbiology, 2018, 9, 2515.	3.5	22
18	A Cyanide-Induced 3-Cyanoalanine Nitrilase in the Cyanide-Assimilating Bacterium Pseudomonas pseudoalcaligenes Strain CECT 5344. Applied and Environmental Microbiology, 2017, 83, .	3.1	17

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19	Escherichia coli ST167 carrying plasmid mobilisable mcr-1 and blaCTX-M-15 resistance determinants isolated from a human respiratory infection. International Journal of Antimicrobial Agents, 2017, 50, 285-286.	2.5	24
20	Strategies to Improve Efficiency and Specificity of Degenerate Primers in PCR. Methods in Molecular Biology, 2017, 1620, 75-85.	0.9	10
21	Genome Comparison of Erythromycin Resistant Campylobacter from Turkeys Identifies Hosts and Pathways for Horizontal Spread of erm(B) Genes. Frontiers in Microbiology, 2017, 8, 2240.	3.5	38
22	Co-occurrence of colistin-resistance genes mcr-1 and mcr-3 among multidrug-resistant Escherichia coli isolated from cattle, Spain, September 2015. Eurosurveillance, 2017, 22, .	7.0	100
23	Genetic determination of tannins and herbivore resistance in Quercus ilex. Tree Genetics and Genomes, 2016, 12, 1.	1.6	21
24	Detection of plasmid mediated colistin resistance (MCR-1) in Escherichia coli and Salmonella enterica isolated from poultry and swine in Spain. Research in Veterinary Science, 2016, 105, 134-135.	1.9	98
25	Identification of the main quinolone resistance determinant in Campylobacter jejuni and Campylobacter coli by MAMA-DEG PCR. Diagnostic Microbiology and Infectious Disease, 2016, 84, 236-239.	1.8	14
26	Description of anerm(B)-carryingCampylobacter coliisolate in Europe. Journal of Antimicrobial Chemotherapy, 2016, 71, 841-843.	3.0	47
27	Detection of QnrB54 and Its Novel Genetic Context in Citrobacter freundii Isolated from a Clinical Case. Antimicrobial Agents and Chemotherapy, 2015, 59, 1375-1376.	3.2	4
28	Polymorphism of genes encoding PmrAB in colistin-resistant strains of Escherichia coli and Salmonella enterica isolated from poultry and swine. Journal of Antimicrobial Chemotherapy, 2015, 70, 71-74.	3.0	97
29	Prevalence of quinolone resistance determinants in non-typhoidal Salmonella isolates from human origin in Extremadura, Spain. Diagnostic Microbiology and Infectious Disease, 2014, 79, 64-69.	1.8	16
30	Dissemination of Antimicrobial-Resistant Clones of Salmonella enterica Among Domestic Animals, Wild Animals, and Humans. Foodborne Pathogens and Disease, 2013, 10, 171-176.	1.8	17
31	Draft whole genome sequence of the cyanideâ€degrading bacterium <scp>P</scp>seudomonas pseudoalcaligenes<scp>CECT</scp>5344. Environmental Microbiology, 2013, 15, 253-270.	3.8	38
32	Co-Occurrence of ACSSuT and Cephalosporin Resistance Phenotypes Is Mediated by int1-Associated Elements in Nontyphoidal Salmonella enterica from Human Infections in Spain. Microbial Drug Resistance, 2013, 19, 384-391.	2.0	6
33	Short communication. Single nucleotide polymorphisms in the ovine CSN1S2 gene for alphaS2â€“casein. Spanish Journal of Agricultural Research, 2013, 11, 80.	0.6	5
34	Antimicrobial resistance determinants among anaerobic bacteria isolated from footrot. Veterinary Microbiology, 2012, 157, 112-118.	1.9	13
35	Role of Fur on cyanide tolerance of Pseudomonas pseudoalcaligenes CECT5344. Biochemical Society Transactions, 2011, 39, 1854-1858.	3.4	4
36	Gene Context and DNA Rearrangements in the Carbapenemase Locus of Division II Strains of Bacteroides fragilis. Antimicrobial Agents and Chemotherapy, 2009, 53, 2677-2678.	3.2	11

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37	Isolation and characterization of polymorphic microsatellite markers in lesser kestrel (Falco) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5 2009, 10, 1357-1360.	1.5	15
38	Discrimination between Bacteroides, Dichelobacter, Fusobacterium, Porphyromonas and Prevotella isolated from caprine footrot by PCR-RFLP â€" Short communication. Acta Veterinaria Hungarica, 2009, 57, 197-202.	0.5	0
39	Genetic determinants for cfxA expression in Bacteroides strains isolated from human infections. Journal of Antimicrobial Chemotherapy, 2008, 62, 942-947.	3.0	56
40	Essential Role of Cytochrome bd -Related Oxidase in Cyanide Resistance of Pseudomonas pseudoalcaligenes CECT5344. Applied and Environmental Microbiology, 2007, 73, 5118-5124.	3.1	44
41	Penicillin-binding proteins of Bacteroides fragilis and their role in the resistance to imipenem of clinical isolates. Journal of Medical Microbiology, 2005, 54, 1055-1064.	1.8	32
42	NADP-Malate Dehydrogenase from Unicellular Green Alga Chlamydomonas reinhardtii. A First Step toward Redox Regulation?. Plant Physiology, 2005, 137, 514-521.	4.8	52
43	Relationship between penicillin-binding protein patterns and Î²-lactamases in clinical isolates of Bacteroides fragilis with different susceptibility to Î²-lactam antibiotics. Journal of Medical Microbiology, 2004, 53, 213-221.	1.8	23
44	Functional analysis and regulation of the malate synthase from Chlamydomonas reinhardtii. Planta, 2004, 219, 325-331.	3.2	14
45	Characterization of thioredoxin y , a new type of thioredoxin identified in the genome of Chlamydomonas reinhardtii. FEBS Letters, 2003, 543, 87-92.	2.8	79
46	NADP-malate dehydrogenase from Chlamydomonas: prediction of new structural determinants for redox regulation by homology modelling. Plant Molecular Biology, 2002, 48, 211-221.	3.9	13
47	Glu-256 is a main structural determinant for oligomerisation of human arginase I. FEBS Letters, 2001, 501, 161-165.	2.8	18
48	Involvement of chloroplast and mitochondria redox valves in nitrate assimilation. Trends in Plant Science, 2000, 5, 463-464.	8.8	42
49	Clustering of the nitrite reductase gene and a light-regulated gene with nitrate assimilation loci in Chlamydomonas reinhardtii. Planta, 1998, 206, 259-265.	3.2	48
50	Three Nrt2 genes are differentially regulated in Chlamydomonas reinhardtii. Molecular Genetics and Genomics, 1998, 258, 373-377.	2.4	57
51	Expression studies of Nrt2:1Np, a putative high-affinity nitrate transporter: evidence for its role in nitrate uptake. Plant Journal, 1998, 14, 723-731.	5.7	166
52	Nitrogen Assimilation and its Regulation. , 1998, , 637-659.		18
53	Sequence of the non-phosphorylating glyceraldehyde-3-phosphate dehydrogenase from Nicotiana plumbaginifolia and phylogenetic origin of the gene family. Gene, 1997, 198, 237-243.	2.2	6
54	PCR-identification of a Nicotiana plumbaginifolia cDNA homologous to the high-affinity nitrate transporters of the crnA family. Plant Molecular Biology, 1997, 34, 265-274.	3.9	129

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55	Molecular identification of zeaxanthin epoxidase of Nicotiana plumbaginifolia, a gene involved in abscisic acid biosynthesis and corresponding to the ABA locus of Arabidopsis thaliana.. EMBO Journal, 1996, 15, 2331-2342.	7.8	454
56	Nitrate and Nitrite Are Transported by Different Specific Transport Systems and by a Bispecific Transporter in Chlamydomonas reinhardtii. Journal of Biological Chemistry, 1996, 271, 2088-2092.	3.4	105
57	Expression of nitrate assimilation related genes in Chlamydomonas reinhardtii. Plant Molecular Biology, 1994, 24, 185-194.	3.9	64
58	Identification of nitrate transporter genes in Chlamydomonas reinhardtii. Plant Journal, 1994, 5, 407-419.	5.7	189
59	Five nitrate assimilation-related loci are clustered in Chlamydomonas reinhardtii. Molecular Genetics and Genomics, 1993, 240, 387-394.	2.4	85
60	Antimicrobial profile of Enterobacteriaceae and Vibrionaceae isolated from Cerastoderma edule.. Frontiers in Marine Science, 0, 5, .	2.5	0