

Alberto Quesada

List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular identification of zeaxanthin epoxidase of <i>Nicotiana plumbaginifolia</i> , a gene involved in abscisic acid biosynthesis and corresponding to the ABA locus of <i>Arabidopsis thaliana</i> . EMBO Journal, 1996, 15, 2331-2342.	7.8	454
2	Identification of nitrate transporter genes in <i>Chlamydomonas reinhardtii</i> . Plant Journal, 1994, 5, 407-419.	5.7	189
3	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
4	PCR-identification of a <i>Nicotiana plumbaginifolia</i> cDNA homologous to the high-affinity nitrate transporters of the crnA family. Plant Molecular Biology, 1997, 34, 265-274.	3.9	129
5	Nitrate and Nitrite Are Transported by Different Specific Transport Systems and by a Bispecific Transporter in <i>Chlamydomonas reinhardtii</i> . Journal of Biological Chemistry, 1996, 271, 2088-2092.	3.4	105
6	Co-occurrence of colistin-resistance genes mcr-1 and mcr-3 among multidrug-resistant <i>Escherichia coli</i> isolated from cattle, Spain, September 2015. Eurosurveillance, 2017, 22, .	7.0	100
7	Detection of plasmid mediated colistin resistance (MCR-1) in <i>Escherichia coli</i> and <i>Salmonella enterica</i> isolated from poultry and swine in Spain. Research in Veterinary Science, 2016, 105, 134-135.	1.9	98
8	Polymorphism of genes encoding PmrAB in colistin-resistant strains of <i>Escherichia coli</i> and <i>Salmonella enterica</i> isolated from poultry and swine. Journal of Antimicrobial Chemotherapy, 2015, 70, 71-74.	3.0	97
9	Five nitrate assimilation-related loci are clustered in <i>Chlamydomonas reinhardtii</i> . Molecular Genetics and Genomics, 1993, 240, 387-394.	2.4	85
10	Characterization of thioredoxin γ , a new type of thioredoxin identified in the genome of <i>Chlamydomonas reinhardtii</i> . FEBS Letters, 2003, 543, 87-92.	2.8	79
11	Gene pool transmission of multidrug resistance among <i>Campylobacter</i> from livestock, sewage and human disease. Environmental Microbiology, 2019, 21, 4597-4613.	3.8	68
12	Expression of nitrate assimilation related genes in <i>Chlamydomonas reinhardtii</i> . Plant Molecular Biology, 1994, 24, 185-194.	3.9	64
13	Three Nrt2 genes are differentially regulated in <i>Chlamydomonas reinhardtii</i> . Molecular Genetics and Genomics, 1998, 258, 373-377.	2.4	57
14	Genetic determinants for cfxA expression in <i>Bacteroides</i> strains isolated from human infections. Journal of Antimicrobial Chemotherapy, 2008, 62, 942-947.	3.0	56
15	NADP-Malate Dehydrogenase from Unicellular Green Alga <i>Chlamydomonas reinhardtii</i> . A First Step toward Redox Regulation?. Plant Physiology, 2005, 137, 514-521.	4.8	52
16	Clustering of the nitrite reductase gene and a light-regulated gene with nitrate assimilation loci in <i>Chlamydomonas reinhardtii</i> . Planta, 1998, 206, 259-265.	3.2	48
17	Description of an <i>erm</i> (B)-carrying <i>Campylobacter coli</i> isolate in Europe. Journal of Antimicrobial Chemotherapy, 2016, 71, 841-843.	3.0	47
18	Essential Role of Cytochrome bd-Related Oxidase in Cyanide Resistance of <i>Pseudomonas pseudoalcaligenes</i> CECT5344. Applied and Environmental Microbiology, 2007, 73, 5118-5124.	3.1	44

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19	Involvement of chloroplast and mitochondria redox valves in nitrate assimilation. Trends in Plant Science, 2000, 5, 463-464.	8.8	42
20	Draft whole genome sequence of the cyanide-degrading bacterium <i>Pseudomonas pseudoalcaligenes</i> CECT 5344. Environmental Microbiology, 2013, 15, 253-270.	3.8	38
21	Genome Comparison of Erythromycin Resistant <i>Campylobacter</i> from Turkey Identifies Hosts and Pathways for Horizontal Spread of <i>erm(B)</i> Genes. Frontiers in Microbiology, 2017, 8, 2240.	3.5	38
22	Penicillin-binding proteins of <i>Bacteroides fragilis</i> and their role in the resistance to imipenem of clinical isolates. Journal of Medical Microbiology, 2005, 54, 1055-1064.	1.8	32
23	<i>Escherichia coli</i> ST167 carrying plasmid mobilisable <i>mcr-1</i> and <i>bla</i> CTX-M-15 resistance determinants isolated from a human respiratory infection. International Journal of Antimicrobial Agents, 2017, 50, 285-286.	2.5	24
24	Relationship between penicillin-binding protein patterns and β -lactamases in clinical isolates of <i>Bacteroides fragilis</i> with different susceptibility to β -lactam antibiotics. Journal of Medical Microbiology, 2004, 53, 213-221.	1.8	23
25	Outbreaks of antimicrobial resistant <i>Salmonella</i> <i>Choleraesuis</i> in wild boar piglets from central-western Spain. Transboundary and Emerging Diseases, 2019, 66, 225-233.	3.0	23
26	Regulation by biotic stress of tannins biosynthesis in <i>Quercus ilex</i> : Crosstalk between defoliation and <i>Phytophthora cinnamomi</i> infection. Physiologia Plantarum, 2019, 165, 319-329.	5.2	23
27	<i>ant(6)-I</i> Genes Encoding Aminoglycoside O-Nucleotidyltransferases Are Widely Spread Among Streptomycin Resistant Strains of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . Frontiers in Microbiology, 2018, 9, 2515.	3.5	22
28	Genetic determination of tannins and herbivore resistance in <i>Quercus ilex</i> . Tree Genetics and Genomes, 2016, 12, 1.	1.6	21
29	Prevalence of <i>Salmonella</i> spp. 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
30	Glu-256 is a main structural determinant for oligomerisation of human arginase I. FEBS Letters, 2001, 501, 161-165.	2.8	18
31	Nitrogen Assimilation and its Regulation. , 1998, , 637-659.		18
32	Dissemination of Antimicrobial-Resistant Clones of <i>Salmonella enterica</i> Among Domestic Animals, Wild Animals, and Humans. Foodborne Pathogens and Disease, 2013, 10, 171-176.	1.8	17
33	A Cyanide-Induced 3-Cyanoalanine Nitrilase in the Cyanide-Assimilating Bacterium <i>Pseudomonas pseudoalcaligenes</i> Strain CECT 5344. Applied and Environmental Microbiology, 2017, 83, .	3.1	17
34	Occurrence of <i>tet(O/M/O)</i> Mosaic Gene in Tetracycline-Resistant <i>Campylobacter</i> . Microorganisms, 2020, 8, 1710.	3.6	17
35	Prevalence of quinolone resistance determinants in non-typhoidal <i>Salmonella</i> isolates from human origin in Extremadura, Spain. Diagnostic Microbiology and Infectious Disease, 2014, 79, 64-69.	1.8	16
36	Isolation and characterization of polymorphic microsatellite markers in lesser kestrel (<i>Falco</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td 2009, 10, 1357-1360.	1.5	15

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37	Functional analysis and regulation of the malate synthase from <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2004, 219, 325-331.	3.2	14
38	Identification of the main quinolone resistance determinant in <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> by MAMA-DEG PCR. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 236-239.	1.8	14
39	NADP-malate dehydrogenase from <i>Chlamydomonas</i> : prediction of new structural determinants for redox regulation by homology modelling. <i>Plant Molecular Biology</i> , 2002, 48, 211-221.	3.9	13
40	Antimicrobial resistance determinants among anaerobic bacteria isolated from footrot. <i>Veterinary Microbiology</i> , 2012, 157, 112-118.	1.9	13
41	National colistin sales versus colistin resistance in Spanish pig production. <i>Research in Veterinary Science</i> , 2019, 123, 141-143.	1.9	12
42	Gene Context and DNA Rearrangements in the Carbapenemase Locus of Division II Strains of <i>Bacteroides fragilis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2677-2678.	3.2	11
43	Strategies to Improve Efficiency and Specificity of Degenerate Primers in PCR. <i>Methods in Molecular Biology</i> , 2017, 1620, 75-85.	0.9	10
44	Longitudinal study of the <i>mcr-1</i> gene prevalence in Spanish food-producing pigs from 1998 to 2021 and its relationship with the use of polymyxins. <i>Porcine Health Management</i> , 2022, 8, 12.	2.6	10
45	Involvement of <i>hpa2</i> and <i>dgkA</i> Genes in Colistin Resistance Mediated by <i>mcr</i> Determinants. <i>Antibiotics</i> , 2020, 9, 531.	3.7	9
46	Nasal shedding of <i>Mycobacterium tuberculosis</i> in wild boar is related to generalised tuberculosis and concomitant infections. <i>Veterinary Record</i> , 2019, 185, 629-629.	0.3	8
47	Sequence of the non-phosphorylating glyceraldehyde-3-phosphate dehydrogenase from <i>Nicotiana plumbaginifolia</i> and phylogenetic origin of the gene family. <i>Gene</i> , 1997, 198, 237-243.	2.2	6
48	Co-Occurrence of ACSSuT and Cephalosporin Resistance Phenotypes Is Mediated by <i>int1</i> -Associated Elements in Nontyphoidal <i>Salmonella enterica</i> from Human Infections in Spain. <i>Microbial Drug Resistance</i> , 2013, 19, 384-391.	2.0	6
49	Spread of Antimicrobial Resistance by <i>Salmonella enterica</i> Serovar <i>Choleraesuis</i> between Close Domestic and Wild Environments. <i>Antibiotics</i> , 2020, 9, 750.	3.7	6
50	The Plasmid-Mediated <i>Kluyvera</i> -Like <i>arnBCADTEF</i> Operon Confers Colistin (Hetero)Resistance to <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	5
51	Short communication. Single nucleotide polymorphisms in the ovine <i>CSN1S2</i> gene for alphaS2 casein. <i>Spanish Journal of Agricultural Research</i> , 2013, 11, 80.	0.6	5
52	Role of <i>Fur</i> on cyanide tolerance of <i>Pseudomonas pseudoalcaligenes</i> CECT5344. <i>Biochemical Society Transactions</i> , 2011, 39, 1854-1858.	3.4	4
53	Detection of <i>QnrB54</i> and Its Novel Genetic Context in <i>Citrobacter freundii</i> Isolated from a Clinical Case. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1375-1376.	3.2	4
54	Complementarity of Selective Culture and qPCR for Colistin Resistance Screening in Fresh and Frozen Pig Cecum Samples. <i>Frontiers in Microbiology</i> , 2020, 11, 572712.	3.5	4

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55	Dissemination of antimicrobial-resistant isolates of <i>Salmonella</i> spp. in wild boars and its relationship with management practices. <i>Transboundary and Emerging Diseases</i> , 2022, , .	3.0	3
56	Colistin Selection of the Mcr-1 Gene in Broiler Chicken Intestinal Microbiota. <i>Antibiotics</i> , 2021, 10, 677.	3.7	1
57	Discrimination between <i>Bacteroides</i> , <i>Dichelobacter</i> , <i>Fusobacterium</i> , <i>Porphyromonas</i> and <i>Prevotella</i> isolated from caprine footrot by PCR-RFLP Short communication. <i>Acta Veterinaria Hungarica</i> , 2009, 57, 197-202.	0.5	0
58	Carbapenemase-Producing <i>Elizabethkingia Meningoseptica</i> from Healthy Pigs Associated with Colistin Use in Spain. <i>Antibiotics</i> , 2019, 8, 146.	3.7	0
59	Antimicrobial profile of Enterobacteriaceae and Vibrionaceae isolated from <i>Cerastoderma edule</i> .. <i>Frontiers in Marine Science</i> , 0, 5, .	2.5	0
60	Editorial: Zoonotic Microorganisms and Spread of Acquired Polymyxin Resistance Determinants. <i>Frontiers in Microbiology</i> , 2022, 13, 849316.	3.5	0