

# Juan JosÃ© R Coque

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1543430/publications.pdf>

Version: 2024-02-01

45  
papers

1,458  
citations

361413

20  
h-index

330143

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1453  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cork Taint of Wines: Role of the Filamentous Fungi Isolated from Cork in the Formation of 2,4,6-Trichloroanisole by O Methylation of 2,4,6-Trichlorophenol. <i>Applied and Environmental Microbiology</i> , 2002, 68, 5860-5869.	3.1	132
2	The cephamycin biosynthetic genes pcbAB, encoding a large multidomain peptide synthetase, and pcbC of <i>Nocardia lactamdurans</i> are clustered together in an organization different from the same genes in <i>Acremonium chrysogenum</i> and <i>Penicillium chrysogenum</i> . <i>Molecular Microbiology</i> , 1991, 5, 1125-1133.	2.5	125
3	Use of Endophytic and Rhizosphere Actinobacteria from Grapevine Plants To Reduce Nursery Fungal Craft Infections That Lead to Young Grapevine Decline. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	83
4	Degradation of vanillic acid and production of guaiacol by microorganisms isolated from cork samples. <i>FEMS Microbiology Letters</i> , 2003, 220, 49-55.	1.8	76
5	A gene encoding lysine 6-aminotransferase, which forms the beta-lactam precursor alpha-amino adipic acid, is located in the cluster of cephamycin biosynthetic genes in <i>Nocardia lactamdurans</i> . <i>Journal of Bacteriology</i> , 1991, 173, 6258-6264.	2.2	69
6	Characterization of an Inducible Chlorophenol O-Methyltransferase from <i>Trichoderma longibrachiatum</i> Involved in the Formation of Chloroanisoles and Determination of Its Role in Cork Taint of Wines. <i>Applied and Environmental Microbiology</i> , 2003, 69, 5089-5095.	3.1	59
7	A two-protein component 7 alpha-cephem-methoxylase encoded by two genes of the cephamycin C cluster converts cephalosporin C to 7-methoxycephalosporin C. <i>Journal of Bacteriology</i> , 1995, 177, 2230-2235.	2.2	54
8	Characterization of the cmcH genes of <i>Nocardia lactamdurans</i> and <i>Streptomyces clavuligerus</i> encoding a functional 3'-hydroxymethylcephem O-carbamoyltransferase for cephamycin biosynthesis. <i>Gene</i> , 1995, 162, 21-27.	2.2	54
9	Transcriptional regulation of the desferrioxamine gene cluster of <i>Streptomyces coelicoloris</i> mediated by binding of DmdR1 to an iron box in the promoter of the desAgene. <i>FEBS Journal</i> , 2007, 274, 1110-1122.	4.7	54
10	Cloning, expression in <i>Streptomyces lividans</i> and biochemical characterization of a thermostable endo-1,4-xylanase of <i>Thermomonospora alba</i> UL4 with cellulose-binding ability. <i>Applied Microbiology and Biotechnology</i> , 1997, 48, 208-217.	3.6	53
11	Efficient Transformation of the Cephamycin C Producer <i>Nocardia lactamdurans</i> and Development of Shuttle and Promoter-Probe Cloning Vectors. <i>Applied and Environmental Microbiology</i> , 1994, 60, 4086-4093.	3.1	52
12	Sensory and chemical characterisation of the aroma of Prieto Picudo rosé wines: The differential role of autochthonous yeast strains on aroma profiles. <i>Food Chemistry</i> , 2012, 133, 284-292.	8.2	50
13	Characterization and expression in <i>Streptomyces lividans</i> of cefD and cefE genes from <i>Nocardia lactamdurans</i> : the organization of the cephamycin gene cluster differs from that in <i>Streptomyces clavuligerus</i> . <i>Molecular Genetics and Genomics</i> , 1993, 236-236, 453-458.	2.4	46
14	Two overlapping antiparallel genes encoding the iron regulator DmdR1 and the Adm proteins control siderophore and antibiotic biosynthesis in <i>Streptomyces coelicolor</i> A3(2). <i>FEBS Journal</i> , 2009, 276, 4814-4827.	4.7	46
15	The bla gene of the cephamycin cluster of <i>Streptomyces clavuligerus</i> encodes a class A beta-lactamase of low enzymatic activity. <i>Journal of Bacteriology</i> , 1997, 179, 6035-6040.	2.2	44
16	Cytoplasmic- and extracellular-proteome analysis of <i>Diplodia seriata</i> : a phytopathogenic fungus involved in grapevine decline. <i>Proteome Science</i> , 2010, 8, 46.	1.7	38
17	Effectiveness of Natural Antifungal Compounds in Controlling Infection by Grapevine Trunk Disease Pathogens through Pruning Wounds. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6474-6483.	3.1	37
18	Functional analysis of two divalent metal-dependent regulatory genes dmdR1 and dmdR2 in <i>Streptomyces coelicolor</i> and proteome changes in deletion mutants. <i>FEBS Journal</i> , 2005, 272, 725-735.	4.7	27

#	ARTICLE	IF	CITATIONS
19	Overexpression of the <i>Nocardia lactamdurans</i> alpha-Aminoadipyl-CysteinyI-Valine Synthetase in <i>Streptomyces lividans</i> . The Purified Multienzyme Uses Cystathionine and 6-Oxopiperidine 2-Carboxylate as Substrates for Synthesis of the Tripeptide. <i>FEBS Journal</i> , 1996, 242, 264-270.	0.2	23
20	Polyphasic identification of yeasts isolated from bark of cork oak during the manufacturing process of cork stoppers. <i>FEMS Yeast Research</i> , 2004, 4, 745-750.	2.3	23
21	Environmental significance of O-demethylation of chloroanisoles by soil bacterial isolates as a mechanism that improves the overall biodegradation of chlorophenols. <i>Environmental Microbiology</i> , 2007, 9, 2512-2521.	3.8	21
22	Biodegradation of 2,4,6-TCAs by the white rot fungus <i>Phlebia radiata</i> is initiated by a phase I (O-demethylation) phase II (O-conjugation) reactions system: implications for the chlorine cycle. <i>Environmental Microbiology</i> , 2009, 11, 99-110.	3.8	20
23	Developing tools for evaluating inoculation methods of biocontrol <i>Streptomyces</i> sp. strains into grapevine plants. <i>PLoS ONE</i> , 2019, 14, e0211225.	2.5	20
24	The Nine Genes of the <i>Nocardia lactamdurans</i> Cephamycin Cluster Are Transcribed into Large mRNAs from Three Promoters, Two of Them Located in a Bidirectional Promoter Region. <i>Journal of Bacteriology</i> , 1998, 180, 5489-5494.	2.2	19
25	Advances in the control of phytopathogenic fungi that infect crops through their root system. <i>Advances in Applied Microbiology</i> , 2020, 111, 123-170.	2.4	18
26	The Folate Branch of the Methionine Biosynthesis Pathway in <i>Streptomyces lividans</i> : Disruption of the 5,10-Methylenetetrahydrofolate Reductase Gene Leads to Methionine Auxotrophy. <i>Journal of Bacteriology</i> , 1998, 180, 1586-1591.	2.2	17
27	The Grapevine Microbiome to the Rescue: Implications for the Biocontrol of Trunk Diseases. <i>Plants</i> , 2022, 11, 840.	3.5	17
28	Characterization of a novel 2,4,6-trichlorophenol-inducible gene encoding chlorophenol O-methyltransferase from <i>Trichoderma longibrachiatum</i> responsible for the formation of chloroanisoles and detoxification of chlorophenols. <i>Fungal Genetics and Biology</i> , 2010, 47, 458-467.	2.1	16
29	Destruction of Chloroanisoles by Using a Hydrogen Peroxide Activated Method and Its Application To Remove Chloroanisoles from Cork Stoppers. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12589-12597.	5.2	16
30	Sequencing of a 4.3 kbp region of chromosome 2 of <i>Candida albicans</i> reveals the presence of homologues of SHE9 from <i>Saccharomyces cerevisiae</i> and of bacterial phosphatidylinositol-phospholipase C. <i>Yeast</i> , 2001, 18, 711-721.	1.7	15
31	Using Rhizosphere Phosphate Solubilizing Bacteria to Improve Barley ( <i>Hordeum vulgare</i> ) Plant Productivity. <i>Microorganisms</i> , 2021, 9, 1619.	3.6	15
32	Cell cycle regulation of a DNA ligase-encoding gene (CaLIG4) from <i>Candida albicans</i> . <i>Yeast</i> , 1999, 15, 1199-1210.	1.7	14
33	Isoform-specific insertion near the Grb2-binding domain modulates the intrinsic guanine nucleotide exchange activity of hSos1. <i>Oncogene</i> , 1999, 18, 1651-1661.	5.9	13
34	Necrotic and Cytolytic Activity on Grapevine Leaves Produced by Nep1-Like Proteins of <i>Diplodia seriata</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1282.	3.6	13
35	Characterization of the <i>secA</i> gene of <i>Streptomyces lividans</i> encoding a protein translocase which complements an <i>Escherichia coli</i> mutant defective in the ATPase activity of SecA. <i>Gene</i> , 1996, 176, 61-65.	2.2	12
36	Biochemical characterization of the SecA protein of <i>Streptomyces lividans</i> . Interaction with nucleotides, binding to membrane vesicles and in vitro translocation of proAmy protein. <i>FEBS Journal</i> , 1998, 257, 472-478.	0.2	11

#	ARTICLE	IF	CITATIONS
37	The analysis of natural cork stoppers in transversal sections as an effective tool to determine the origin of the taint by 2,4,6-trichloroanisole. <i>European Food Research and Technology</i> , 2009, 230, 135-143.	3.3	11
38	Analysis of the codon usage of the cephamycin C producer <i>Nocardia lactamdurans</i> . <i>FEMS Microbiology Letters</i> , 1993, 110, 91-95.	1.8	10
39	Isolated Sos1 PH Domain Exhibits Germinal Vesicle Breakdown-inducing Activity in Oocytes. <i>Journal of Biological Chemistry</i> , 1996, 271, 18272-18276.	3.4	10
40	Effects of liming on soil properties, leaf tissue cation composition and grape yield in a moderately acid vineyard soil. Influence on must and wine quality. <i>Oeno One</i> , 2017, 51, 343.	1.4	10
41	Selection of <i>Saccharomyces cerevisiae</i> Strains Applied to the Production of Prieto Picudo Rosé Wines with a Different Aromatic Profile. <i>South African Journal of Enology and Viticulture</i> , 2016, 35, .	0.4	6
42	Determining optimum harvest time under Mediterranean conditions: developing a new model for measuring L-malic acid concentration in red grapes. <i>Australian Journal of Grape and Wine Research</i> , 2016, 22, 232-239.	2.1	3
43	Interdependence of Gene Expression for Early Steps of Cephalosporin Synthesis in <i>Streptomyces clavuligerus</i> . <i>Annals of the New York Academy of Sciences</i> , 1994, 721, 117-122.	3.8	2
44	Manganese transporter protein MntH is required for virulence of <i>Xylophilus ampelinus</i> , the causal agent of bacterial necrosis in grapevine. <i>Australian Journal of Grape and Wine Research</i> , 2014, 20, 442-450.	2.1	2
45	First Report of <i>Pleurostoma richardsiae</i> Associated with Twig and Branch Dieback of Olive Trees in Spain. <i>Plant Disease</i> , 2022, 106, 1981.	1.4	2