

Juan JosÃ© GonzÃ¡lez-LopÃ©z

List of Publications by Year in descending order

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83
papers

2,926
citations

159525

30
h-index

182361

51
g-index

89
all docs

89
docs citations

89
times ranked

4019
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the Diagnosis of Infective Endocarditis in Prosthetic Valves and Intracardiac Devices With ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography Angiography. <i>Circulation</i> , 2015, 132, 1113-1126.	1.6	319
2	Extended-spectrum $\hat{\text{A}}$ -lactamase-producing Enterobacteriaceae in different environments (humans, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	199
3	Prospective Multicenter Study of Carbapenemase-Producing Enterobacteriaceae from 83 Hospitals in Spain Reveals High <i>In Vitro</i> Susceptibility to Colistin and Meropenem. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3406-3412.	1.4	130
4	National survey of <i>Escherichia coli</i> causing extraintestinal infections reveals the spread of drug-resistant clonal groups O25b:H4-B2-ST131, O15:H1-D-ST393 and CGA-D-ST69 with high virulence gene content in Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2011-2021.	1.3	117
5	Prevalence of <i>qnr</i> genes among extended-spectrum $\hat{\text{I}}^2$ -lactamase-producing enterobacterial isolates in Barcelona, Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 291-295.	1.3	96
6	Prevalence and molecular epidemiology of acquired AmpC $\hat{\text{I}}^2$ -lactamases and carbapenemases in Enterobacteriaceae isolates from 35 hospitals in Spain. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 253-259.	1.3	91
7	Characterisation of the CTX-M-15-encoding gene in <i>Klebsiella pneumoniae</i> strains from the Barcelona metropolitan area: plasmid diversity and chromosomal integration. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 73-78.	1.1	85
8	Diversity of Multi-Drug Resistant Avian Pathogenic <i>Escherichia coli</i> (APEC) Causing Outbreaks of Colibacillosis in Broilers during 2012 in Spain. <i>PLoS ONE</i> , 2015, 10, e0143191.	1.1	74
9	Spread of <i>Escherichia coli</i> O25b:H4-B2-ST131 producing CTX-M-15 and SHV-12 with high virulence gene content in Barcelona (Spain). <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 517-526.	1.3	73
10	Comprehensive clinical and epidemiological assessment of colonisation and infection due to carbapenemase-producing Enterobacteriaceae in Spain. <i>Journal of Infection</i> , 2016, 72, 152-160.	1.7	73
11	Rapid and Digital Detection of Inflammatory Biomarkers Enabled by a Novel Portable Nanoplasmonic Imager. <i>Small</i> , 2020, 16, e1906108.	5.2	67
12	Molecular epidemiology and virulence of <i>Escherichia coli</i> O16:H5-ST131: Comparison with H30 and H30-Rx subclones of O25b:H4-ST131. <i>International Journal of Medical Microbiology</i> , 2014, 304, 1247-1257.	1.5	64
13	Emergence of NDM-producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in Spain: phylogeny, resistome, virulence and plasmids encoding blaNDM-like genes as determined by WGS. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3489-3496.	1.3	60
14	Dissemination of extended-spectrum $\hat{\text{A}}$ -lactamase-producing bacteria: the food-borne outbreak lesson. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 1244-1251.	1.3	59
15	Carbapenemase-producing enterobacteriaceae recovered from a Spanish river ecosystem. <i>PLoS ONE</i> , 2017, 12, e0175246.	1.1	58
16	<i>mcr</i> -Colistin Resistance Genes Mobilized by IncX4, IncHI2, and IncI2 Plasmids in <i>Escherichia coli</i> of Pigs and White Stork in Spain. <i>Frontiers in Microbiology</i> , 2019, 10, 3072.	1.5	57
17	A Novel RNase 3/ECP Peptide for <i>Pseudomonas aeruginosa</i> Biofilm Eradication That Combines Antimicrobial, Lipopolysaccharide Binding, and Cell-Agglutinating Activities. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6313-6325.	1.4	56
18	Carbapenemases in Enterobacteriaceae: Types and molecular epidemiology. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2014, 32, 4-9.	0.3	54

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19	First Detection of a Carbapenem-Hydrolyzing Metalloenzyme in Two Enterobacteriaceae Isolates in Spain. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3492-3494.	1.4	53
20	Houseflies (<i>Musca domestica</i>) as Vectors for Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> on Spanish Broiler Farms. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3604-3611.	1.4	51
21	Early Oral Switch to Linezolid for Low-risk Patients With <i>Staphylococcus aureus</i> Bloodstream Infections: A Propensity-matched Cohort Study. <i>Clinical Infectious Diseases</i> , 2019, 69, 381-387.	2.9	50
22	Label-free detection of nosocomial bacteria using a nanophotonic interferometric biosensor. <i>Analyst</i> , 2020, 145, 497-506.	1.7	50
23	Spanish Multicenter Study of the Epidemiology and Mechanisms of Amoxicillin-Clavulanate Resistance in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3576-3581.	1.4	49
24	18 F-FDG-PET/CT angiography in the diagnosis of infective endocarditis and cardiac device infection in adult patients with congenital heart disease and prosthetic material. <i>International Journal of Cardiology</i> , 2017, 248, 396-402.	0.8	48
25	Antibiotic resistance genes in phage particles isolated from human faeces and induced from clinical bacterial isolates. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 434-442.	1.1	46
26	Label-free Bacteria Quantification in Blood Plasma by a Bioprinted Microarray Based Interferometric Point-of-Care Device. <i>ACS Sensors</i> , 2019, 4, 52-60.	4.0	45
27	Role of IncHI2 plasmids harbouring blaVIM-1, blaCTX-M-9, aac(6â€²)-Ib and qnrA genes in the spread of multiresistant <i>Enterobacter cloacae</i> and <i>Klebsiella pneumoniae</i> strains in different units at Hospital Vall d'Hebron, Barcelona, Spain. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 514-517.	1.1	42
28	Detection of Bacteriophage Particles Containing Antibiotic Resistance Genes in the Sputum of Cystic Fibrosis Patients. <i>Frontiers in Microbiology</i> , 2018, 9, 856.	1.5	40
29	Molecular identification of aminoglycoside-modifying enzymes in clinical isolates of <i>Escherichia coli</i> resistant to amoxicillin/clavulanic acid isolated in Spain. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 157-163.	1.1	36
30	ESBL-Producing <i>Salmonella enterica</i> Serovar Typhi in Traveler Returning from Guatemala to Spain. <i>Emerging Infectious Diseases</i> , 2014, 20, 1918-1920.	2.0	32
31	Label-Free Plasmonic Biosensor for Rapid, Quantitative, and Highly Sensitive COVID-19 Serology: Implementation and Clinical Validation. <i>Analytical Chemistry</i> , 2022, 94, 975-984.	3.2	28
32	Donor-derived bacterial infections in lung transplant recipients in the era of multidrug resistance. <i>Journal of Infection</i> , 2020, 80, 190-196.	1.7	27
33	Detection of three stable genetic clones of CTX-M-15-producing <i>Klebsiella pneumoniae</i> in the Barcelona metropolitan area, Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 862-864.	1.3	26
34	Emergence of <i>Bordetella holmesii</i> as a Causative Agent of Whooping Cough, Barcelona, Spain. <i>Emerging Infectious Diseases</i> , 2017, 23, 1856-1859.	2.0	25
35	Faecal phageome of healthy individuals: presence of antibiotic resistance genes and variations caused by ciprofloxacin treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 854-864.	1.3	24
36	Inhibitor-Resistant TEM- and OXA-1-Producing <i>Escherichia coli</i> Isolates Resistant to Amoxicillin-Clavulanate Are More Clonal and Possess Lower Virulence Gene Content than Susceptible Clinical Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3874-3881.	1.4	23

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37	Foraging at Solid Urban Waste Disposal Sites as Risk Factor for Cephalosporin and Colistin Resistant <i>Escherichia coli</i> Carriage in White Storks (<i>Ciconia ciconia</i>). <i>Frontiers in Microbiology</i> , 2020, 11, 1397.	1.5	23
38	Biomarkers and clinical scores to aid the identification of disease severity and intensive care requirement following activation of an in-hospital sepsis code. <i>Annals of Intensive Care</i> , 2020, 10, 7.	2.2	23
39	Circulation of multi-drug-resistant <i>Shigella sonnei</i> and <i>Shigella flexneri</i> among men who have sex with men in Barcelona, Spain, 2015–2019. <i>International Journal of Antimicrobial Agents</i> , 2021, 58, 106378.	1.1	22
40	Global spatial dynamics and vaccine-induced fitness changes of <i>Bordetella pertussis</i> . <i>Science Translational Medicine</i> , 2022, 14, eabn3253.	5.8	22
41	Multicenter Study of the Mechanisms of Resistance and Clonal Relationships of <i>Streptococcus agalactiae</i> Isolates Resistant to Macrolides, Lincosamides, and Ketolides in Spain. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2525-2527.	1.4	21
42	Precision medicine in sepsis and septic shock: From omics to clinical tools. <i>World Journal of Critical Care Medicine</i> , 2022, 11, 1-21.	0.8	20
43	CARB-ES-19 Multicenter Study of Carbapenemase-Producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> From All Spanish Provinces Reveals Interregional Spread of High-Risk Clones Such as ST307/OXA-48 and ST512/KPC-3. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	20
44	Mobile Genetic Elements Related to the Diffusion of Plasmid-Mediated AmpC β -Lactamases or Carbapenemases from Enterobacteriaceae: Findings from a Multicenter Study in Spain. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5260-5266.	1.4	19
45	Effectiveness of a Double-Carbapenem Regimen in a KPC-Producing <i>Klebsiella pneumoniae</i> Infection in an Immunocompromised Patient. <i>Microbial Drug Resistance</i> , 2018, 24, 199-202.	0.9	19
46	Selected Clostridia Strains from The Human Microbiota and their Metabolite, Butyrate, Improve Experimental Autoimmune Encephalomyelitis. <i>Neurotherapeutics</i> , 2021, 18, 920-937.	2.1	18
47	Lung transplantation in two cystic fibrosis patients infected with previously pandrug-resistant <i>Burkholderia cepacia</i> complex treated with ceftazidime–avibactam. <i>Infection</i> , 2019, 47, 289-292.	2.3	17
48	First Detection of Plasmid-Encoded <i>bla</i> _{OXY} β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3143-3146.	1.4	15
49	Teicoplanin for treating enterococcal infective endocarditis: A retrospective observational study from a referral centre in Spain. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 165-170.	1.1	14
50	Epidemiological and Clinical Complexity of Amoxicillin-Clavulanate-Resistant <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2013, 51, 2414-2417.	1.8	13
51	Case report: first report of a prosthetic joint infection caused by <i>Facklamia hominis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 80, 338-340.	0.8	13
52	Ultrasensitive Label-Free Detection of Unamplified Multidrug-Resistance Bacteria Genes with a Bimodal Waveguide Interferometric Biosensor. <i>Diagnostics</i> , 2020, 10, 845.	1.3	13
53	Rationally Modified Antimicrobial Peptides from the N-Terminal Domain of Human RNase 3 Show Exceptional Serum Stability. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 11472-11482.	2.9	13
54	Population dynamics and antigenic drift of <i>Bordetella pertussis</i> following whole cell vaccine replacement, Barcelona, Spain, 1986–2015. <i>Emerging Microbes and Infections</i> , 2019, 8, 1711-1720.	3.0	12

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55	Recogida, transporte y procesamiento general de las muestras en el laboratorio de Microbiología. Enfermedades Infecciosas Y Microbiología Clínica, 2019, 37, 127-134.	0.3	12
56	Rates of faecal colonization by carbapenemase-producing Enterobacteriaceae among patients admitted to ICUs in Spain: Table 1.. Journal of Antimicrobial Chemotherapy, 2015, 70, 2916-2918.	1.3	11
57	Enhanced molecular typing and macrolide and tetracycline-resistance mutations of <i>Treponema pallidum</i> in Barcelona. Future Microbiology, 2019, 14, 1099-1108.	1.0	11
58	Comparison of Commensal and Clinical Isolates for Diversity of Plasmids in Escherichia coli and Klebsiella pneumoniae. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	11
59	Emergence and dissemination of three mild outbreaks of <i>Neisseria gonorrhoeae</i> with high-level resistance to azithromycin in Barcelona, 2016-18. Journal of Antimicrobial Chemotherapy, 2021, 76, 930-935.	1.3	10
60	Comparison of <i>Vibrio</i> spp. populations found in seawater, in exhibition aquaria, in fish intestine and in fish feed. Journal of Applied Microbiology, 2009, 106, 57-65.	1.4	9
61	Impact of influenza season and environmental factors on the clinical presentation and outcome of invasive pneumococcal disease. European Journal of Clinical Microbiology and Infectious Diseases, 2015, 34, 177-186.	1.3	9
62	Prevalencia en España de mecanismos de resistencia a quinolonas en enterobacterias productoras de betalactamasas de clase C adquiridas y/o carbapenemasas. Enfermedades Infecciosas Y Microbiología Clínica, 2017, 35, 487-492.	0.3	8
63	Genetic and Kinetic Characterization of the Novel AmpC β -Lactamases DHA-6 and DHA-7. Antimicrobial Agents and Chemotherapy, 2014, 58, 6544-6549.	1.4	7
64	Successful liver transplantation despite donor-transmitted <i>Klebsiella pneumoniae</i> infection: Case report and review of the literature. Transplant Infectious Disease, 2017, 19, e12743.	0.7	7
65	Genomic analysis of the meningococcal ST-4821 complex "Western clade, potential sexual transmission and predicted antibiotic susceptibility and vaccine coverage. PLoS ONE, 2020, 15, e0243426.	1.1	7
66	Mortality in Staphylococcus aureus bacteraemia remains high despite adherence to quality indicators: secondary analysis of a prospective cohort study. Journal of Infection, 2021, 83, 656-663.	1.7	7
67	Does the economic recession influence the incidence of pertussis in a cosmopolitan European city?. BMC Public Health, 2019, 19, 144.	1.2	6
68	Clinical and Microbiological Profile of a Retrospective Cohort of Enteric Fever in 2 Spanish Tertiary Hospitals. Medicine (United States), 2015, 94, e791.	0.4	4
69	Prevalence of quinolone resistance mechanisms in Enterobacteriaceae producing acquired AmpC β -lactamases and/or carbapenemases in Spain. Enfermedades Infecciosas Y Microbiología Clínica (English Ed), 2017, 35, 485-490.	0.2	4
70	Infections by OXA-48-like-producing Klebsiella pneumoniae non-co-producing extended-spectrum beta-lactamase: Can they be successfully treated with cephalosporins?. Journal of Global Antimicrobial Resistance, 2019, 19, 28-31.	0.9	4
71	Epidemiology, prevention and control of pertussis in Spain: New vaccination strategies for lifelong protection. Enfermedades Infecciosas Y Microbiología Clínica, 2022, 40, 195-203.	0.3	3
72	Multilocus sequence typing of <i>Treponema pallidum</i> subsp. <i>pallidum</i> in Barcelona. Future Microbiology, 2021, 16, 967-976.	1.0	3

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73	Pertactin-Deficient <i>Bordetella pertussis</i> with Unusual Mechanism of Pertactin Disruption, Spain, 1986–2018. <i>Emerging Infectious Diseases</i> , 2022, 28, 967-976.	2.0	3
74	Novel tp0548 Sequence-Type of <i>Treponema pallidum</i> Identified in Barcelona, Spain. <i>Sexually Transmitted Diseases</i> , 2019, 46, e50-e52.	0.8	2
75	In Vivo Reversion to the Wild-Type β -Lactam Resistance Phenotype Mediated by a Plasmid Carrying ampR and qnrA1 in <i>Enterobacter cloacae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3175-3178.	1.4	1
76	Use of Molecular Biology Techniques in Sarcoidal Granulomatous Dermatitis: A Clinicopathological and Molecular Approach with Diagnostic Implications. <i>Acta Dermato-Venereologica</i> , 2017, 97, 1241-1242.	0.6	1
77	Primer brote documentado de artritis séptica por <i>Kingella kingae</i> en una guardería de España. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2021, , .	0.3	1
78	Lens-Free Interferometric Microscope for Point-of-Care Label-Free Detection of Sepsis Biomarkers. , 2019, , .		1
79	Label-free, scalable and point-of-care imaging platform for rapid analysis of biomarker. , 2019, , .		1
80	First documented outbreak of arthritis caused by <i>Kingella kingae</i> in a Spanish childcare center. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2022, , .	0.2	1
81	Detection of three stable genetic clones of CTX-M-15-producing <i>Klebsiella pneumoniae</i> in the Barcelona metropolitan area, Spain. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1838-1838.	1.3	0
82	Mycotic Aneurysm of Internal Carotid Artery Secondary to Livestock-associated Methicillin-resistant <i>Staphylococcus Aureus</i> Clonal Complex CC398. <i>Annals of Vascular Surgery</i> , 2021, , .	0.4	0
83	Epidemiology, prevention and control of pertussis in Spain: New vaccination strategies for lifelong protection. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2022, 40, 195-203.	0.2	0