

Fernando Alcaide

List of Publications by Year in descending order

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92
papers

3,479
citations

136740

32
h-index

155451

55
g-index

99
all docs

99
docs citations

99
times ranked

3319
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of embB in natural and acquired resistance to ethambutol in mycobacteria. Antimicrobial Agents and Chemotherapy, 1997, 41, 2270-2273.	1.4	146
2	Serious Complications of Bacteremia Caused by Viridans Streptococci in Neutropenic Patients with Cancer. Clinical Infectious Diseases, 2000, 31, 1126-1130.	2.9	136
3	Rapid Detection of Mycobacterium tuberculosis Complex and Rifampin Resistance in Smear-Negative Clinical Samples by Use of an Integrated Real-Time PCR Method. Journal of Clinical Microbiology, 2011, 49, 1137-1139.	1.8	136
4	The Mycobacterium xenopi GyrA protein splicing element: characterization of a minimal intein. Journal of Bacteriology, 1997, 179, 6378-6382.	1.0	131
5	Bacteremia Due to Viridans Streptococci That Are Highly Resistant to Penicillin: Increase Among Neutropenic Patients with Cancer. Clinical Infectious Diseases, 1995, 20, 1169-1173.	2.9	122
6	Bacteremic Pneumonia in Neutropenic Patients With Cancer. Archives of Internal Medicine, 1998, 158, 868.	4.3	118
7	Heterogeneity and clonality among isolates of Mycobacterium kansasii: implications for epidemiological and pathogenicity studies. Journal of Clinical Microbiology, 1997, 35, 1959-1964.	1.8	110
8	In vitro activities of 22 beta-lactam antibiotics against penicillin-resistant and penicillin-susceptible viridans group streptococci isolated from blood. Antimicrobial Agents and Chemotherapy, 1995, 39, 2243-2247.	1.4	107
9	A Global Gene Pool for High-Level Cephalosporin Resistance in Commensal Streptococcus Species and Streptococcus pneumoniae. Journal of Infectious Diseases, 1997, 176, 1001-1012.	1.9	106
10	Daily Rifapentine for Treatment of Pulmonary Tuberculosis. A Randomized, Dose-Ranging Trial. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 333-343.	2.5	102
11	Substitution of Rifapentine for Rifampin During Intensive Phase Treatment of Pulmonary Tuberculosis: Study 29 of the Tuberculosis Trials Consortium. Journal of Infectious Diseases, 2012, 206, 1030-1040.	1.9	98
12	Evaluation of the BACTEC MGIT 960 and the MB/BacT Systems for Recovery of Mycobacteria from Clinical Specimens and for Species Identification by DNA AccuProbe. Journal of Clinical Microbiology, 2000, 38, 398-401.	1.8	96
13	Fluoroquinolone Resistance Mutations in the <i>parC</i> , <i>parE</i> , and <i>gyrA</i> Genes of Clinical Isolates of Viridans Group Streptococci. Antimicrobial Agents and Chemotherapy, 1998, 42, 2792-2798.	1.4	94
14	Group B Streptococcal Disease in Nonpregnant Adults: Incidence, Clinical Characteristics, and Outcome. European Journal of Clinical Microbiology and Infectious Diseases, 2004, 23, 168-173.	1.3	84
15	How to: identify non-tuberculous Mycobacterium species using MALDI-TOF mass spectrometry. Clinical Microbiology and Infection, 2018, 24, 599-603.	2.8	83
16	Evaluation of the Xpert MTB/RIF Ultra Assay for Direct Detection of Mycobacterium tuberculosis Complex in Smear-Negative Extrapulmonary Samples. Journal of Clinical Microbiology, 2018, 56, .	1.8	80
17	Effectiveness of an Integrated Real-Time PCR Method for Detection of the Mycobacterium tuberculosis Complex in Smear-Negative Extrapulmonary Samples in an Area of Low Tuberculosis Prevalence. Journal of Clinical Microbiology, 2012, 50, 513-515.	1.8	79
18	High rates of resistance to cephalosporins among viridans-group streptococci causing bacteraemia in neutropenic cancer patients. Journal of Antimicrobial Chemotherapy, 2001, 47, 87-91.	1.3	62

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19	Mycobacteria Clumping Increase Their Capacity to Damage Macrophages. <i>Frontiers in Microbiology</i> , 2016, 7, 1562.	1.5	60
20	Current treatment of nontuberculous mycobacteriosis: an update. <i>Expert Opinion on Pharmacotherapy</i> , 2012, 13, 967-986.	0.9	57
21	In vitro activities of eight macrolide antibiotics and RP-59500 (quinupristin-dalfopristin) against viridans group streptococci isolated from blood of neutropenic cancer patients. <i>Antimicrobial Agents and Chemotherapy</i> , 1996, 40, 2117-2120.	1.4	56
22	<i>Mycobacterium chelonae</i> tenosynovitis of the hand. <i>Seminars in Arthritis and Rheumatism</i> , 2004, 34, 617-622.	1.6	56
23	Tuberculosis-related mortality in people living with HIV in Europe and Latin America: an international cohort study. <i>Lancet HIV</i> , 2016, 3, e120-e131.	2.1	53
24	Direct detection in clinical samples of multiple gene mutations causing resistance of <i>Mycobacterium tuberculosis</i> to isoniazid and rifampicin using fluorogenic probes. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 860-865.	1.3	51
25	Comparative In Vitro Activities of Linezolid, Telithromycin, Clarithromycin, Levofloxacin, Moxifloxacin, and Four Conventional Antimycobacterial Drugs against <i>Mycobacterium kansasii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4562-4565.	1.4	48
26	Characterization of mutations in streptomycin-resistant <i>Mycobacterium tuberculosis</i> clinical isolates in the area of Barcelona. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2341-2346.	1.3	45
27	Multicenter Laboratory Evaluation of the MB/BacT <i>Mycobacterium</i> Detection System and the BACTEC MGIT 960 System in Comparison with the BACTEC 460TB System for Susceptibility Testing of <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2007, 45, 1766-1770.	1.8	44
28	Tuberculosis transmission patterns among Spanish-born and foreign-born populations in the city of Barcelona. <i>Clinical Microbiology and Infection</i> , 2010, 16, 568-574.	2.8	44
29	Comparison of the 2-step tuberculin skin test and the quantiFERON-TB gold in-tube test for the screening of tuberculosis infection before liver transplantation. <i>Liver Transplantation</i> , 2011, 17, 1205-1211.	1.3	44
30	Long-term relapses after 12-month treatment for <i>Mycobacterium kansasii</i> lung disease. <i>European Respiratory Journal</i> , 2009, 33, 148-152.	3.1	42
31	Lab-on-Chip-Based Platform for Fast Molecular Diagnosis of Multidrug-Resistant Tuberculosis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3876-3880.	1.8	41
32	Usefulness of a New Mycobacteriophage-Based Technique for Rapid Diagnosis of Pulmonary Tuberculosis. <i>Journal of Clinical Microbiology</i> , 2003, 41, 2867-2871.	1.8	32
33	Advances in rapid diagnosis of tuberculosis disease and anti-tuberculous drug resistance. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2011, 29, 34-40.	0.3	32
34	Characterization of the embB gene in <i>Mycobacterium tuberculosis</i> isolates from Barcelona and rapid detection of main mutations related to ethambutol resistance using a low-density DNA array. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 947-954.	1.3	32
35	In Vitro Activities of the New Ketolide HMR 3647 (Telithromycin) in Comparison with Those of Eight Other Antibiotics against Viridans Group Streptococci Isolated from Blood of Neutropenic Patients with Cancer. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 624-626.	1.4	31
36	Factors Associated with Differences between Conventional Contact Tracing and Molecular Epidemiology in Study of Tuberculosis Transmission and Analysis in the City of Barcelona, Spain. <i>Journal of Clinical Microbiology</i> , 2009, 47, 198-204.	1.8	29

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37	Evolution of cutaneous tuberculosis over the past 30 years in a tertiary hospital on the European Mediterranean coast. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 131-136.	0.6	28
38	Pulmonary Infections with Nontuberculous Mycobacteria, Catalonia, Spain, 1994–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1091-1094.	2.0	28
39	Detection of latent tuberculosis by the tuberculin skin test and a whole-blood interferon- γ release assay, and the development of active tuberculosis in HIV-seropositive persons. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 59-65.	0.8	27
40	Diagnosis of tuberculosis infection by tuberculin skin test and a whole-blood interferon- γ release assay in patients considered for anti-tumor necrosis factor therapy. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 71, 57-65.	0.8	27
41	Evaluation of Two Protein Extraction Protocols Based on Freezing and Mechanical Disruption for Identifying Nontuberculous Mycobacteria by Matrix-Assisted Laser Desorption Ionization–Time of Flight Mass Spectrometry from Liquid and Solid Cultures. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	26
42	Evaluation of MALDI Biotyper Interpretation Criteria for Accurate Identification of Nontuberculous Mycobacteria. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	26
43	Trehalose Polyphosphates, External Cell Wall Lipids in <i>Mycobacterium abscessus</i> , Are Associated with the Formation of Clumps with Cording Morphology, Which Have Been Associated with Virulence. <i>Frontiers in Microbiology</i> , 2017, 8, 1402.	1.5	25
44	Incidence and molecular typing of <i>Mycobacterium kansasii</i> in a defined geographical area in Catalonia, Spain. <i>Epidemiology and Infection</i> , 2004, 132, 425-432.	1.0	24
45	Evaluation of the VersaTREK System Compared to the Bactec MGIT 960 System for First-Line Drug Susceptibility Testing of <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2012, 50, 488-491.	1.8	23
46	Molecular Analysis of Isoniazid and Rifampin Resistance in <i>Mycobacterium tuberculosis</i> Isolates Recovered from Barcelona. <i>Microbial Drug Resistance</i> , 2005, 11, 107-114.	0.9	22
47	Increasing isolation of rapidly growing mycobacteria in a low-incidence setting of environmental mycobacteria, 1994–2015. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 1425-1432.	1.3	22
48	Use of a Mycobacteriophage-Based Assay for Rapid Assessment of Susceptibilities of <i>Mycobacterium tuberculosis</i> Isolates to Isoniazid and Influence of Resistance Level on Assay Performance. <i>Journal of Clinical Microbiology</i> , 2006, 44, 201-205.	1.8	21
49	Multicentre study on the reproducibility of MALDI-TOF MS for nontuberculous mycobacteria identification. <i>Scientific Reports</i> , 2022, 12, 1237.	1.6	20
50	Absence of Ribosomal RNA of <i>Mycobacterium tuberculosis</i> Complex in Sarcoidosis. <i>Archives of Dermatology</i> , 2005, 141, 57-9.	1.7	19
51	Major differences in organization and availability of health care and medicines for HIV/TB coinfecting patients across Europe. <i>HIV Medicine</i> , 2015, 16, 544-552.	1.0	19
52	Major Challenges in Clinical Management of TB/HIV Coinfected Patients in Eastern Europe Compared with Western Europe and Latin America. <i>PLoS ONE</i> , 2015, 10, e0145380.	1.1	19
53	QuantiFERON-TB Gold In-Tube as a Confirmatory Test for Tuberculin Skin Test in Tuberculosis Contact Tracing: A Noninferiority Clinical Trial. <i>Clinical Infectious Diseases</i> , 2018, 66, 396-403.	2.9	18
54	Microbiological monitoring of flexible bronchoscopes after high-level disinfection and flushing channels with alcohol: Results and costs. <i>Respiratory Medicine</i> , 2015, 109, 1079-1085.	1.3	17

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55	Impact of updating the MALDI-TOF MS database on the identification of nontuberculous mycobacteria. <i>Journal of Mass Spectrometry</i> , 2017, 52, 597-602.	0.7	16
56	Inteins in mycobacterial GyrA are a taxonomic character. <i>Microbiology (United Kingdom)</i> , 1998, 144, 589-591.	0.7	15
57	Clinical Significance of Indeterminate QuantiFERON-TB Gold Plus Assay Results in Hospitalized COVID-19 Patients with Severe Hyperinflammatory Syndrome. <i>Journal of Clinical Medicine</i> , 2021, 10, 918.	1.0	15
58	GeneXpert® for smear-negative pulmonary tuberculosis: does it play a role in low-burden countries?. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 325-326.	0.8	14
59	<i>Mycobacterium kansasii</i> disease among patients infected with human immunodeficiency virus type 1: improved prognosis in the era of highly active antiretroviral therapy. <i>International Journal of Tuberculosis and Lung Disease</i> , 2003, 7, 673-7.	0.6	14
60	Silent Mutation in <i>rpoB</i> Detected from Clinical Samples with Rifampin-Susceptible <i>Mycobacterium tuberculosis</i> . <i>Journal of Clinical Microbiology</i> , 2011, 49, 3722-3722.	1.8	13
61	Antimicrobial resistance of <i>Streptococcus pneumoniae</i> : comparison of the in vitro activity of 16 antibiotics. <i>Current Therapeutic Research</i> , 1996, 57, 57-64.	0.5	11
62	Draft Genome Sequences of <i>Mycobacterium setense</i> Type Strain DSM-45070 and the Nonpathogenic Strain <i>Manresensis</i> , Isolated from the Bank of the Cardener River in Manresa, Catalonia, Spain. <i>Genome Announcements</i> , 2015, 3, .	0.8	11
63	Métodos de determinación de sensibilidad a los antimicrobianos en micobacterias. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2017, 35, 529-535.	0.3	11
64	Detection of streptomycin and quinolone resistance in <i>Mycobacterium tuberculosis</i> by a low-density DNA array. <i>Tuberculosis</i> , 2013, 93, 508-514.	0.8	10
65	Multiple Cranial Osteolytic Lesions due to <i>Mycobacterium kansasii</i> in a Patient with AIDS. <i>Scandinavian Journal of Infectious Diseases</i> , 1998, 30, 305-306.	1.5	9
66	Direct Detection of <i>Mycobacterium tuberculosis</i> Complex in Clinical Samples by a Molecular Method Based on GenoQuick Technology. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2089-2091.	1.8	9
67	Tuberculosis in solid organ transplant patients. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2012, 30, 34-39.	0.3	9
68	Epidemiology of <i>Mycobacterium kansasii</i> . <i>Annals of Internal Medicine</i> , 1999, 131, 310.	2.0	9
69	Delayed diagnosis of tuberculosis in persons living with HIV in Eastern Europe: associated factors and effect on mortality—a multicentre prospective cohort study. <i>BMC Infectious Diseases</i> , 2021, 21, 1038.	1.3	9
70	Molecular techniques in the diagnosis of drug-resistant tuberculosis. <i>Annals of the Academy of Medicine, Singapore</i> , 1997, 26, 647-50.	0.2	8
71	Detection of Minority Variants and Mixed Infections in <i>Mycobacterium tuberculosis</i> by Direct Whole-Genome Sequencing on Noncultured Specimens Using a Specific-DNA Capture Strategy. <i>MSphere</i> , 2021, 6, e0074421.	1.3	8
72	Polyclonality among clinical strains of non-pigmented rapidly growing mycobacteria: phenotypic and genotypic differences and their potential implications. <i>Clinical Microbiology and Infection</i> , 2015, 21, 348.e1-348.e4.	2.8	7

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73	QuantIFERON [®] -TB Gold In-Tube for contact screening in BCG-vaccinated adults: A longitudinal cohort study. <i>PLoS ONE</i> , 2017, 12, e0183258.	1.1	7
74	Use of a commercial double-test tablet (Rosco PGUA/indole) for screening of <i>Escherichia coli</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 1992, 15, 291-294.	0.8	6
75	Methods for determining the antimicrobial susceptibility of mycobacteria. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2017, 35, 527-533.	0.2	6
76	Diagnóstico microbiológico actual de la tuberculosis. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2017, 35, 399-402.	0.3	6
77	Healthcare delivery for HIV-positive people with tuberculosis in Europe. <i>HIV Medicine</i> , 2021, 22, 283-293.	1.0	6
78	Evaluation of the Fully Automated Chemiluminescence Analyzer Liaison XL for the Performance of the QuantiFERON-TB Gold Plus Assay in an Area with a Low Incidence of Tuberculosis. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0060321.	1.8	6
79	Identification of Recent Tuberculosis Exposure Using QuantiFERON-TB Gold Plus, a Multicenter Study. <i>Microbiology Spectrum</i> , 2021, 9, e0097221.	1.2	6
80	Impaired fitness of <i>Mycobacterium tuberculosis</i> resistant isolates in a cell culture model of murine macrophages. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2277-2280.	1.3	5
81	First Human Isolate of <i>Mycobacterium poriferae</i> in the Sputum of a Patient with Chronic Bronchitis. <i>Journal of Clinical Microbiology</i> , 2011, 49, 3107-3108.	1.8	5
82	Characterization of the embB gene in <i>Mycobacterium tuberculosis</i> isolates from Barcelona and rapid detection of main mutations related to ethambutol resistance using a low-density DNA array--authors' response. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2299-2300.	1.3	5
83	Detection of interleukin-2 is not useful for distinguishing between latent and active tuberculosis in clinical practice: a prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2016, 22, 1007.e1-1007.e5.	2.8	5
84	Myocardial abscess at a distant zone from the active valvular infection. <i>Journal of Cardiovascular Surgery</i> , 1998, 39, 227-8.	0.3	2
85	First human isolate of <i>Mycobacterium madagascariense</i> in the sputum of a patient with tracheobronchitis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, e35-6.	1.4	1
86	Multiplex Real-Time PCR-short TUB Assay for Detection of the <i>Mycobacterium tuberculosis</i> Complex in Smear-Negative Clinical Samples with Low Mycobacterial Loads. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	1
87	Infectiousness of patients with smear-negative pulmonary tuberculosis, assessed by Real-time Polymerase Chain Reaction, Xpert [®] -MTB/RIF. <i>Journal of Infection</i> , 2020, 80, 298-300.	1.7	1
88	Fluoroquinolone Resistance Mutations in the DNA Topoisomerase II Genes of Viridans Group Streptococci Clinical Isolates. <i>Drugs</i> , 1999, 58, 125-127.	4.9	0
89	Introduction. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2011, 29, 1.	0.3	0
90	Current microbiological diagnosis of tuberculosis. <i>Enfermedades Infecciosas Y Microbiología Clínica (English Ed)</i> , 2017, 35, 399-402.	0.2	0

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91	Utilidad de las técnicas de biología molecular en el diagnóstico de las infecciones cutáneas. Piel, 2019, 34, 40-44.	0.0	0
92	Additional data about the influence of an inhibitory factor on growth of Mycobacterium kansasii in BACTEC 12B medium. Journal of Clinical Microbiology, 1996, 34, 484-484.	1.8	0