Isabel Garcia

List of Publications by Year
in descending order

58 papers	1,721 citations	257450 24 h-index	302126 39 g-index
61 all docs	61 docs citations	61 times ranked	1474 citing authors

#	Article	IF	Citations
1	Interaction of plasmid and host quinolone resistance. Journal of Antimicrobial Chemotherapy, 2003, 51, 1037-1039.	3.0	102
2	Fluorometric measurement of ofloxacin uptake by human polymorphonuclear leukocytes. Antimicrobial Agents and Chemotherapy, 1989, 33, 653-656.	3.2	86
3	In vitro effect photodynamic therapy with differents photosensitizers on cariogenic microorganisms. BMC Microbiology, 2015, 15, 187.	3.3	77
4	Antimicrobial photodynamic activity of hypericin against methicillin-susceptible and resistant Staphylococcus aureus biofilms. Future Microbiology, 2015, 10, 347-356.	2.0	74
5	Detection of the plasmid-mediated quinolone resistance determinant qnr among clinical isolates of Klebsiella pneumoniae producing AmpC-type Â-lactamase. Journal of Antimicrobial Chemotherapy, 2003, 52, 703-706.	3.0	71
6	Mutant Prevention Concentrations of Fluoroquinolones for Enterobacteriaceae Expressing the Plasmid-Carried Quinolone Resistance Determinant qnrA1. Antimicrobial Agents and Chemotherapy, 2007, 51, 2236-2239.	3.2	70
7	Zinc Eluted from Siliconized Latex Urinary Catheters Decreases OprD Expression, Causing Carbapenem Resistance in Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2003, 47, 2313-2315.	3.2	69
8	Correlation of quinolone resistance levels and differences in basal and quinolone-induced expression from three qnrA-containing plasmids. Clinical Microbiology and Infection, 2006, 12, 440-445.	6.0	62
9	Energy-Dependent Accumulation of Norfloxacin and Porin Expression in Clinical Isolates of Klebsiella pneumoniae and Relationship to Extended-Spectrum Î²-Lactamase Production. Antimicrobial Agents and Chemotherapy, 2002, 46, 3926-3932.	3.2	60
10	Qnr-like pentapeptide repeat proteins in Gram-positive bacteria. Journal of Antimicrobial Chemotherapy, 2008, 61, 1240-1243.	3.0	60
11	Uptake and intracellular activity of an optically active ofloxacin isomer in human neutrophils and tissue culture cells. Antimicrobial Agents and Chemotherapy, 1990, 34, 277-280.	3.2	59
12	Uptake and Intracellular Activity of Moxifloxacin in Human Neutrophils and Tissue-Cultured Epithelial Cells. Antimicrobial Agents and Chemotherapy, 1999, 43, 12-15.	3.2	58
13	Uptake and intracellular activity of sparfloxacin in human polymorphonuclear leukocytes and tissue culture cells. Antimicrobial Agents and Chemotherapy, 1992, 36, 1053-1056.	3.2	53
14	Uptake and intracellular activity of trovafloxacin in human phagocytes and tissue-cultured epithelial cells. Antimicrobial Agents and Chemotherapy, 1997, 41, 274-277.	3.2	51
15	Energy-Dependent Accumulation of Fluoroquinolones in Quinolone-Resistant Klebsiella pneumoniae Strains. Antimicrobial Agents and Chemotherapy, 1998, 42, 1850-1852.	3.2	46
16	Antimicrobial photodynamic activity of Rose Bengal, alone or in combination with Gentamicin, against planktonic and biofilm Staphylococcus aureus. Photodiagnosis and Photodynamic Therapy, 2018, 21, 211-216.	2.6	45
17	Bactericidal Effect of Photodynamic Therapy, Alone or in Combination with Mupirocin or Linezolid, on Staphylococcus aureus. Frontiers in Microbiology, 2017, 8, 1002.	3.5	39
18	Factors affecting the intracellular accumulation and activity of azithromycin. Journal of Antimicrobial Chemotherapy, 1995, 35, 85-93.	3.0	38

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19	Comparative penetration of lomefloxacin and other quinolones into human phagocytes. American Journal of Medicine, 1992, 92, S48-S51.	1.5	35
20	Uptake and intracellular activity of fluconazole in human polymorphonuclear leukocytes. Antimicrobial Agents and Chemotherapy, 1993, 37, 187-190.	3.2	33
21	Activity of ciprofloxacin and levofloxacin in experimental pneumonia caused by Klebsiella pneumoniae deficient in porins, expressing active efflux and producing QnrA1. Clinical Microbiology and Infection, 2008, 14, 691-697.	6.0	33
22	Fluorometric and high-performance liquid chromatographic measurement of quinolone uptake by human neutrophils. European Journal of Clinical Microbiology and Infectious Diseases, 1991, 10, 969-971.	2.9	30
23	Photodynamic therapy using methylene blue, combined or not with gentamicin, against Staphylococcus aureus and Pseudomonas aeruginosa. Photodiagnosis and Photodynamic Therapy, 2020, 31, 101810.	2.6	27
24	Characterisation of integrons containing the plasmid-mediated quinolone resistance gene qnrA1 in Klebsiella pneumoniae. International Journal of Antimicrobial Agents, 2007, 29, 705-709.	2.5	26
25	Intracellular penetration and activity of BAY Y 3118 in human polymorphonuclear leukocytes. Antimicrobial Agents and Chemotherapy, 1994, 38, 2426-2429.	3.2	24
26	Uptake and intracellular activity of ofloxacin isomers in human phagocytic and non-phagocytic cells. International Journal of Antimicrobial Agents, 2000, 15, 201-205.	2.5	24
27	Uptake and Intracellular Activity of Linezolid in Human Phagocytes and Nonphagocytic Cells. Antimicrobial Agents and Chemotherapy, 2002, 46, 4013-4015.	3.2	24
28	Uptake and intracellular activity of ketolide HMR 3647 in human phagocytic and non-phagocytic cells. Clinical Microbiology and Infection, 2001, 7, 65-69.	6.0	23
29	Intracellular Penetration and Activity of Gemifloxacin in Human Polymorphonuclear Leukocytes. Antimicrobial Agents and Chemotherapy, 2000, 44, 3193-3195.	3.2	22
30	Is reduced vancomycin susceptibility a factor associated with poor prognosis in MSSA bacteraemia?. Journal of Antimicrobial Chemotherapy, 2015, 70, 2652-2660.	3.0	19
31	Photodynamic Inactivation of Staphylococcus aureus Biofilms Using a Hexanuclear Molybdenum Complex Embedded in Transparent polyHEMA Hydrogels. ACS Biomaterials Science and Engineering, 2020, 6, 6995-7003.	5.2	19
32	Photodynamic Therapy Combined with Antibiotics or Antifungals against Microorganisms That Cause Skin and Soft Tissue Infections: A Planktonic and Biofilm Approach to Overcome Resistances. Pharmaceuticals, 2021, 14, 603.	3.8	17
33	Azithromycin uptake by tissue cultured epithelial cells. Journal of Antimicrobial Chemotherapy, 1997, 39, 293-295.	3.0	16
34	Uptake and intracellular activity of voriconazole in human polymorphonuclear leucocytes. Journal of Antimicrobial Chemotherapy, 2005, 55, 785-787.	3.0	16
35	Effect of siliconized latex urinary catheters on the activity of carbapenems against Pseudomonas aeruginosa strains with defined mutations in ampC, oprD, and genes coding for efflux systems. International Journal of Antimicrobial Agents, 2003, 22, 122-127.	2.5	15
36	Entry of lomefloxacin and temafloxacin into human neutrophils, peritoneal macrophages, and tissue culture cells. Diagnostic Microbiology and Infectious Disease, 1992, 15, 393-398.	1.8	13

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37	Activity of sparfloxacin on Staphylococcus epidermidis attached to plastic catheters. Journal of Antimicrobial Chemotherapy, 1995, 36, 425-430.	3.0	12
38	Effect of Linezolid on the Phagocytic Functions of Human Polymorphonuclear Leukocytes. Chemotherapy, 2003, 49, 163-166.	1.6	11
39	Accumulation and activity of cethromycin (ABT-773) within human polymorphonuclear leucocytes. Journal of Antimicrobial Chemotherapy, 2003, 52, 24-28.	3.0	11
40	Comparative effect of photodynamic therapy on separated or mixed cultures of Streptococcus mutans and Streptococcus sanguinis. Photodiagnosis and Photodynamic Therapy, 2017, 19, 98-102.	2.6	11
41	Interaction of aminoglycosides and cephalosporins against Pseudomonas aeruginosa. Correlation between interaction index and killing curve. Journal of Antimicrobial Chemotherapy, 1988, 22, 175-183.	3.0	10
42	Penetration of Cefuroxime and Ceftazidime into Human Lungs. Chemotherapy, 1988, 34, 1-7.	1.6	10
43	Effect of paclitaxel alone or in combination on the intracellular penetration and activity of quinolones in human neutrophils. Journal of Antimicrobial Chemotherapy, 1996, 38, 859-863.	3.0	10
44	Differences between Two New Quinolones (Gemifloxacin and Trovafloxacin) and Ciprofloxacin in Their Concentration-Dependent Killing of <i>Streptococcus pneumoniae</i>. Chemotherapy, 2001, 47, 409-414.	1.6	10
45	Characterization of a clinical isolate of Haemophilus influenzae with a high level of fluoroquinolone resistance. Journal of Antimicrobial Chemotherapy, 2006, 57, 577-578.	3.0	10
46	Intracellular Penetration and Activity of DX-619 in Human Polymorphonuclear Leukocytes. Antimicrobial Agents and Chemotherapy, 2006, 50, 3173-3174.	3.2	10
47	A dynamic in vitro model for evaluating antimicrobial activity against bacterial biofilms using a new device and clinical-used catheters. Journal of Microbiological Methods, 2010, 83, 307-311.	1.6	8
48	Activity of cefepime and carbapenems in experimental pneumonia caused by porin-deficient Klebsiella pneumoniae producing FOX-5 Î²-lactamase. Clinical Microbiology and Infection, 2005, 11, 31-38.	6.0	7
49	Survival and resistance to imipenem of Pseudomonas aeruginosa on latex gloves. Journal of Antimicrobial Chemotherapy, 2006, 57, 1010-1012.	3.0	7
50	Effects of antimicrobial and antineoplastic drugs on the uptake of sparfloxacin by human neutrophils. Journal of Antimicrobial Chemotherapy, 1994, 34, 171-174.	3.0	5
51	Effect of antimicrobial agents on the uptake of ofloxacin and its optically active isomer (â€”)-ofloxacin by human polymorphonuclear leucocytes. Journal of Antimicrobial Chemotherapy, 1991, 28, 727-730.	3.0	4
52	Effect of several antimicrobial agents on ciprofloxacin uptake by human neutrophils. European Journal of Clinical Microbiology and Infectious Diseases, 1992, 11, 260-262.	2.9	4
53	Resistencia a quinolonas y betalactÃ¡micos en Salmonella enterica, y su relaciÃ³n con mutaciones en las topoisomerasas, alteraciones en la permeabilidad celular y expresiÃ³n de un mecanismo de expulsiÃ³n activa. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2004, 22, 204-211.	0.5	4
54	Local imipenem activity against Pseudomonas aeruginosa decreases in vivo in the presence of siliconized latex. European Journal of Clinical Microbiology and Infectious Diseases, 2011, 30, 289-291.	2.9	3

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55	Effect of antimicrobial and antineoplastic drugs on the uptake of fluconazole by human neutrophils and tissue culture cells. European Journal of Clinical Microbiology and Infectious Diseases, 1993, 12, 944-947.	2.9	1
56	Zinc eluted from siliconized latex urinary catheters does not affect the in vitro activity of antifungal agents against Candida spp.. International Journal of Antimicrobial Agents, 2005, 26, 96-98.	2.5	1
57	Intracellular penetration and activity of UB-8902 in human polymorphonuclear leukocytes. Enfermedades Infecciosas Y MicrobiologÃa ClÃnica, 2010, 28, 612-614.	0.5	1
58	Effect of Phagocytosis of Bacteria on the Uptake of Sparf loxacin by Human Neutrophils. Chemotherapy, 1996, 42, 465-467.	1.6	0