

Anna Marchese

List of Publications by Year in descending order

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99
papers

6,657
citations

87888

38
h-index

64796

79
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101
all docs

101
docs citations

101
times ranked

9672
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictors of Mortality in Bloodstream Infections Caused by <i>Klebsiella pneumoniae</i> Carbapenemase-Producing <i>K. pneumoniae</i> : Importance of Combination Therapy. <i>Clinical Infectious Diseases</i> , 2012, 55, 943-950.	5.8	855
2	Antibacterial and antifungal activities of thymol: A brief review of the literature. <i>Food Chemistry</i> , 2016, 210, 402-414.	8.2	529
3	Infections caused by KPC-producing <i>Klebsiella pneumoniae</i> : differences in therapy and mortality in a multicentre study. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2133-2143.	3.0	434
4	Phytochemicals for human disease: An update on plant-derived compounds antibacterial activity. <i>Microbiological Research</i> , 2017, 196, 44-68.	5.3	402
5	Antimicrobial activity of eugenol and essential oils containing eugenol: A mechanistic viewpoint. <i>Critical Reviews in Microbiology</i> , 2017, 43, 668-689.	6.1	373
6	The ARESC study: an international survey on the antimicrobial resistance of pathogens involved in uncomplicated urinary tract infections. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 407-413.	2.5	315
7	Molecular Typing of Methicillin-Resistant <i>Staphylococcus aureus</i> by Pulsed-Field Gel Electrophoresis: Comparison of Results Obtained in a Multilaboratory Effort Using Identical Protocols and MRSA Strains. <i>Microbial Drug Resistance</i> , 2000, 6, 189-198.	2.0	267
8	Plants belonging to the genus <i>Thymus</i> as antibacterial agents: From farm to pharmacy. <i>Food Chemistry</i> , 2015, 173, 339-347.	8.2	251
9	<i>Vibrio</i> infections triggering mass mortality events in a warming Mediterranean Sea. <i>Environmental Microbiology</i> , 2010, 12, 2007-2019.	3.8	217
10	Bloodstream infections in critically ill patients with COVID-19. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13319.	3.4	203
11	Update on Monoterpenes as Antimicrobial Agents: A Particular Focus on p-Cymene. <i>Materials</i> , 2017, 10, 947.	2.9	194
12	European Emergence of Ciprofloxacin-Resistant <i>Escherichia coli</i> Clonal Groups O25:H4-ST 131 and O15:K52:H1 Causing Community-Acquired Uncomplicated Cystitis. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2605-2612.	3.9	144
13	Antibacterial Activity of Polyphenols. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 380-390.	1.6	138
14	Antifungal and antibacterial activities of allicin: A review. <i>Trends in Food Science and Technology</i> , 2016, 52, 49-56.	15.1	118
15	In vitro Activity of Rifaximin, Metronidazole and Vancomycin against <i>Clostridium difficile</i> and the Rate of Selection of Spontaneously Resistant Mutants against Representative Anaerobic and Aerobic Bacteria, Including Ammonia-Producing Species. <i>Chemotherapy</i> , 2000, 46, 253-266.	1.6	98
16	Nasopharyngeal Carriage of <i>Streptococcus pneumoniae</i> in Healthy Children: Implications for the Use of Heptavalent Pneumococcal Conjugate Vaccine. <i>Emerging Infectious Diseases</i> , 2002, 8, 479-484.	4.3	95
17	Effect of fosfomycin alone and in combination with N-acetylcysteine on <i>E. coli</i> biofilms. <i>International Journal of Antimicrobial Agents</i> , 2003, 22, 95-100.	2.5	92
18	Bloodstream infections caused by multidrug-resistant <i>Klebsiella pneumoniae</i> producing the carbapenem-hydrolysing VIM-1 metallo- β -lactamase: first Italian outbreak. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 61, 296-300.	3.0	85

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19	Oral microbiota and Alzheimer's disease: Do all roads lead to Rome?. <i>Pharmacological Research</i> , 2020, 151, 104582.	7.1	79
20	Spread of Carbapenem-Resistant Gram-Negatives and <i>Candida auris</i> during the COVID-19 Pandemic in Critically Ill Patients: One Step Back in Antimicrobial Stewardship?. <i>Microorganisms</i> , 2021, 9, 95.	3.6	77
21	Predictive Models for Identification of Hospitalized Patients Harboring KPC-Producing <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3514-3520.	3.2	75
22	Molecular Epidemiology of Penicillin-Resistant <i>Streptococcus pneumoniae</i> Isolates Recovered in Italy from 1993 to 1996. <i>Journal of Clinical Microbiology</i> , 1998, 36, 2944-2949.	3.9	72
23	The natural plant compound carvacrol as an antimicrobial and anti-biofilm agent: mechanisms, synergies and bio-inspired anti-infective materials. <i>Biofouling</i> , 2018, 34, 630-656.	2.2	69
24	Combined use of serum (1,3)- β -D-glucan and procalcitonin for the early differential diagnosis between candidaemia and bacteraemia in intensive care units. <i>Critical Care</i> , 2017, 21, 176.	5.8	65
25	In vitro activity of fosfomycin against Gram-negative urinary pathogens and the biological cost of fosfomycin resistance. <i>International Journal of Antimicrobial Agents</i> , 2003, 22, 53-59.	2.5	61
26	Population pharmacokinetics and probability of target attainment of meropenem in critically ill patients. <i>European Journal of Clinical Pharmacology</i> , 2016, 72, 839-848.	1.9	57
27	Environmental distribution of <i>Cryptococcus neoformans</i> and <i>C. gattii</i> around the Mediterranean basin. <i>FEMS Yeast Research</i> , 2016, 16, fow045.	2.3	57
28	Effect of combination therapy containing a high-dose carbapenem on mortality in patients with carbapenem-resistant <i>Klebsiella pneumoniae</i> bloodstream infection. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 244-248.	2.5	55
29	Bacteremic Pneumococcal Community-acquired Pneumonia in Children Less Than 5 Years of Age in Italy. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 705-710.	2.0	51
30	<i>Candida auris</i> Candidemia in Critically Ill, Colonized Patients: Cumulative Incidence and Risk Factors. <i>Infectious Diseases and Therapy</i> , 2022, 11, 1149-1160.	4.0	51
31	Influence of in vitro simulated gastroduodenal digestion on the antibacterial activity, metabolic profiling and polyphenols content of green tea (<i>Camellia sinensis</i>). <i>Food Research International</i> , 2014, 63, 182-191.	6.2	50
32	Molecular Epidemiological Investigation of a Nosocomial Cluster of <i>C. auris</i> : Evidence of Recent Emergence in Italy and Ease of Transmission during the COVID-19 Pandemic. <i>Journal of Fungi (Basel)</i> , 2022, 8, 1071.	0.0	10
33	Meropenem for treating KPC-producing <i>Klebsiella pneumoniae</i> bloodstream infections: Should we get to the PK/PD root of the paradox?. <i>Virulence</i> , 2017, 8, 66-73.	4.4	49
34	Susceptibility of <i>Streptococcus pneumoniae</i> strains isolated in Italy to penicillin and ten other antibiotics. <i>Journal of Antimicrobial Chemotherapy</i> , 1995, 36, 833-837.	3.0	48
35	The ERACE-PA Global Surveillance Program: Ceftolozane/tazobactam and Ceftazidime/avibactam in vitro Activity against a Global Collection of Carbapenem-resistant <i>Pseudomonas aeruginosa</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2533-2541.	2.9	48
36	Molecular analysis and susceptibility patterns of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) strains circulating in the community in the Ligurian area, a northern region of Italy: emergence of USA300 and EMRSA-15 clones. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 424-428.	2.5	47

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37	Changing epidemiology of candidaemia: Increase in fluconazole-resistant <i>Candida parapsilosis</i> . <i>Mycoses</i> , 2020, 63, 361-368.	4.0	45
38	Fundamental niche prediction of the pathogenic yeasts <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> in Europe. <i>Environmental Microbiology</i> , 2017, 19, 4318-4325.	3.8	44
39	Detection of <i>Streptococcus pneumoniae</i> and Identification of Pneumococcal Serotypes by Real-Time Polymerase Chain Reaction Using Blood Samples from Italian Children 5 Years of Age with Community-Acquired Pneumonia. <i>Microbial Drug Resistance</i> , 2011, 17, 419-424.	2.0	41
40	Impact of a mixed educational and semi-restrictive antimicrobial stewardship project in a large teaching hospital in Northern Italy. <i>Infection</i> , 2017, 45, 849-856.	4.7	37
41	Genotypes and population genetics of <i>Cryptococcus neoformans</i> and <i>Cryptococcus gattii</i> species complexes in Europe and the mediterranean area. <i>Fungal Genetics and Biology</i> , 2019, 129, 16-29.	2.1	37
42	Analysis of clinical management of infected breast implants and of factors associated to successful breast pocket salvage in infections occurring after breast reconstruction. <i>International Journal of Infectious Diseases</i> , 2018, 71, 67-72.	3.3	33
43	Phenotypic and genotypic characterization of <i>Staphylococci</i> causing breast peri-implant infections in oncologic patients. <i>BMC Microbiology</i> , 2015, 15, 26.	3.3	27
44	Does the adoption of EUCAST susceptibility breakpoints affect the selection of antimicrobials to treat acute community-acquired respiratory tract infections?. <i>BMC Infectious Diseases</i> , 2012, 12, 181.	2.9	26
45	Antistaphylococcal activity of cefdinir, a new oral third-generation cephalosporin, alone and in combination with other antibiotics, at supra- and sub-MIC levels. <i>Journal of Antimicrobial Chemotherapy</i> , 1995, 35, 53-66.	3.0	24
46	Risk factors for infections due to carbapenem-resistant <i>Klebsiella pneumoniae</i> after open heart surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 762-768.	1.1	23
47	Hypoalbuminemia as a predictor of acute kidney injury during colistin treatment. <i>Scientific Reports</i> , 2018, 8, 11968.	3.3	23
48	Enterococcal bloodstream infections in critically ill patients with COVID-19: a case series. <i>Annals of Medicine</i> , 2021, 53, 1779-1786.	3.8	22
49	VIM-1-Producing <i>Pseudomonas mosselii</i> Isolates in Italy, Predating Known VIM-Producing Index Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2216-2217.	3.2	21
50	Impact of carbapenem-resistant <i>Klebsiella pneumoniae</i> (CR-KP) infections in kidney transplantation. <i>Transplant Infectious Disease</i> , 2017, 19, e12757.	1.7	21
51	Identification of a New Delhi metallo-β-lactamase-4 (NDM-4)-producing <i>Escherichia coli</i> in Italy. <i>BMC Microbiology</i> , 2014, 14, 148.	3.3	20
52	Antistaphylococcal activity and metabolite profiling of manuka honey (<i>Leptospermum scoparium</i> L.) after in vitro simulated digestion. <i>Food and Function</i> , 2016, 7, 1664-1670.	4.6	19
53	Role of Global Surveillance in Combating Bacterial Resistance. <i>Drugs</i> , 2001, 61, 167-173.	10.9	18
54	Microbiological rationale for the utilisation of prulifloxacin, a new fluoroquinolone, in the eradication of serious infections caused by <i>Pseudomonas aeruginosa</i> . <i>International Journal of Antimicrobial Agents</i> , 2005, 26, 366-372.	2.5	17

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55	Treatment of severe infections due to metallo-β-lactamases-producing Gram-negative bacteria. <i>Future Microbiology</i> , 2020, 15, 1489-1505.	2.0	17
56	Clinical and Microbiological Characterization of Late Breast Implant Infections after Reconstructive Breast Cancer Surgery. <i>Surgical Infections</i> , 2015, 16, 636-644.	1.4	16
57	Pleiotropic effect of sodium arsenite on <i>Escherichia coli</i> . <i>Research in Microbiology</i> , 2004, 155, 275-282.	2.1	15
58	Multidrug-Resistant Gram-Positive Pathogens. <i>Drugs</i> , 1997, 54, 11-20.	10.9	14
59	Comparative activities of amoxicillin and 10 other oral drugs against penicillin-susceptible and -resistant <i>Streptococcus pneumoniae</i> strains recently isolated in Italy. <i>Clinical Microbiology and Infection</i> , 1998, 4, 170-173.	6.0	12
60	Molecular characterization of hospital-acquired methicillin-resistant <i>Staphylococcus aureus</i> strains in pediatric outbreaks using variable tandem repeat analysis with <i>spa</i> and <i>ClfB</i> typing. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 69, 213-217.	1.8	12
61	The effect of sub-inhibitory concentrations of rifaximin on urease production and on other virulence factors expressed by <i>Klebsiella pneumoniae</i> , <i>Proteus mirabilis</i> , <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> . <i>Journal of Chemotherapy</i> , 2017, 29, 67-73.	1.5	12
62	Antimicrobial activity of faropenem, a new oral penem, against lower respiratory tract pathogens. <i>Clinical Microbiology and Infection</i> , 1999, 5, 282-287.	6.0	11
63	Non-fermentative gram-negative bloodstream infection in northern Italy: a multicenter cohort study. <i>BMC Infectious Diseases</i> , 2021, 21, 806.	2.9	11
64	Isolation of <i>Candida auris</i> from invasive and non-invasive samples of a patient suffering from vascular disease, Italy, July 2019. <i>Eurosurveillance</i> , 2019, 24, .	7.0	11
65	Recent findings from multinational resistance surveys: are we "PROTEKTed" from resistance?. <i>International Journal of Antimicrobial Agents</i> , 2007, 29, S2-S5.	2.5	10
66	<i>Bordetella holmesii</i> endocarditis in a patient with systemic lupus erythematosus treated with immunosuppressive agents. <i>Journal of Chemotherapy</i> , 2012, 24, 240-242.	1.5	10
67	European survey of glycopeptide susceptibility in <i>Staphylococcus</i> spp.. <i>Clinical Microbiology and Infection</i> , 1999, 5, 547-553.	6.0	9
68	First Report of Chronic Pulmonary Infection by KPC-3-Producing and Colistin-Resistant <i>Klebsiella pneumoniae</i> Sequence Type 258 (ST258) in an Adult Patient with Cystic Fibrosis: TABLE 1. <i>Journal of Clinical Microbiology</i> , 2015, 53, 1442-1444.	3.9	9
69	The role of <i>gyrA</i> , <i>gyrB</i> , and <i>dnaA</i> functions in bacterial conjugation. <i>Annals of Microbiology</i> , 2016, 66, 223-228.	2.6	9
70	Application of DoE approach in the development of mini-capsules, based on biopolymers and manuka honey polar fraction, as powder formulation for the treatment of skin ulcers. <i>International Journal of Pharmaceutics</i> , 2017, 516, 266-277.	5.2	9
71	Characterization of <i>Staphylococcus aureus</i> small colony variant strains isolated from Italian patients attending a regional cystic fibrosis care centre. <i>New Microbiologica</i> , 2015, 38, 235-43.	0.1	9
72	Characterization of Fluoroquinolone-Resistant <i>Escherichia coli</i> Causing Septicemic Colibacillosis in Calves in Italy: Emergence of a Multiresistant O78 Clonal Group. <i>Microbial Drug Resistance</i> , 2012, 18, 94-99.	2.0	8

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73	Simultaneous photoablative and photodynamic 810-nm diode laser therapy as an adjunct to non-surgical periodontal treatment: an in-vitro study. <i>Minerva Stomatologica: A Journal on Dentistry and Maxillofacial Surgery</i> , 2020, 69, 1-7.	1.3	8
74	Emergence of a KPC-3-Producing <i>Escherichia coli</i> ST69 as a Cause of Bloodstream Infections in Italy. <i>Microbial Drug Resistance</i> , 2015, 21, 342-344.	2.0	7
75	Clinical consequences of very major errors with semi-automated testing systems for antimicrobial susceptibility of carbapenem-resistant Enterobacterales. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1290.e1-1290.e4.	6.0	7
76	Chemical Characterization and in Vitro Antibacterial Activity of <i>Myrcianthes hallii</i> (O. Berg) McVaugh (Myrtaceae), a Traditional Plant Growing in Ecuador. <i>Materials</i> , 2016, 9, 454.	2.9	6
77	Reduced Incidence of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Infections in Cardiac Surgery Patients after Implementation of an Antimicrobial Stewardship Project. <i>Antibiotics</i> , 2019, 8, 132.	3.7	6
78	Elevated MICs of Susceptible Anti-Pseudomonal Cephalosporins in Non-Carbapenemase-Producing, Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> : Implications for Dose Optimization. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0120421.	3.2	6
79	In vitro activity of quinupristin/dalfopristin against selected bacterial pathogens isolated in Italy. <i>Clinical Microbiology and Infection</i> , 1999, 5, 488-495.	6.0	5
80	Postantibiotic Effect and Delay of Regrowth in Strains Carrying Mutations That Save Proteins or RNA. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 4022-4025.	3.2	5
81	Trends in the Incidence and Antibiotic Resistance of Enterococcal Bloodstream Isolates: A 7-Year Retrospective Multicenter Epidemiological Study in Italy. <i>Microbial Drug Resistance</i> , 2021, 27, 529-535.	2.0	5
82	Impiego del sistema URO-QUICK per l'esecuzione rapida di antibiogrammi direttamente su campioni di urine. <i>Microbiologia Medica</i> , 2004, 19, .	0.1	3
83	Multicenter, Prospective Validation of a Phenotypic Algorithm to Guide Carbapenemase Testing in Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> Using the ERACE-PA Global Surveillance Program. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab617.	0.9	3
84	In vitro activity of ABT773, a new ketolide derivative exhibiting innovative microbiological properties against well-characterised antibiotic resistant pathogens in Italy. <i>International Journal of Antimicrobial Agents</i> , 2004, 23, 11-16.	2.5	2
85	A Fatal Case of Nosocomial Legionnaires' Disease: Implications From an Extensive Environmental Investigation and Isolation of the Bacterium From Blood Culture. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1483-1485.	1.8	2
86	Buruli ulcer in a traveller returning from Madagascar: the first report of <i>Mycobacterium ulcerans</i> infection from the region. <i>Journal of Travel Medicine</i> , 2021, 28, .	3.0	2
87	Levels of beta-D-glucan in <i>Candida auris</i> supernatants, an in vitro and in vivo preliminary study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1154.e1-1154.e3.	6.0	2
88	Impiego del sistema Uro-Quick per l'identificazione di resistenze ben caratterizzate agli antibiotici veicolate da diverse specie batteriche. <i>Microbiologia Medica</i> , 2003, 18, .	0.1	1
89	Evaluation of the Uro-Quick system for antibiotic susceptibility tests of strains collected from intensive care units. <i>Annals of Microbiology</i> , 2006, 56, 179-183.	2.6	1
90	Epidemiology and outcome of <i>Klebsiella pneumoniae</i> carbapenemase-producing <i>Klebsiella pneumoniae</i> (KPC-KP) infections in cardiac surgery patients: a brief narrative review. <i>Journal of Chemotherapy</i> , 2019, 31, 359-366.	1.5	1

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91	Identificazione e resistenza agli antibiotici di ceppi ben caratterizzati analizzati in laboratori liguri. <i>Microbiologia Medica</i> , 2004, 19, .	0.1	0
92	In vitro interaction between ceftazidime and vancomycin/teicoplanin in the presence of azithromycin against <i>Pseudomonas aeruginosa</i> . <i>Annals of Microbiology</i> , 2007, 57, 439-442.	2.6	0
93	Evaluation of post-antibiotic effect in Gram-negative and Gram-positive bacteria. <i>Microbiologia Medica</i> , 2008, 23, .	0.1	0
94	eReply. Diagnostic intricacies and fortuitous treatment approaches for carbapenem-resistant <i>Klebsiella pneumoniae</i> . <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 768.2-768.	1.1	0
95	A pain in the back: anaerobic vertebral spondylitis of hematogenous origin. <i>Infection</i> , 2016, 44, 823-824.	4.7	0
96	The peculiar behavior of dnaA, gyrA and gyrB temperature-sensitive mutants and their Hfr derivatives made recA, rnhA or both mutants. <i>Journal of Biological Research (Italy)</i> , 2017, 90, .	0.1	0
97	Characterization of high frequency of recombination strains selected by integrative suppression of $\Phi\text{C}^{\text{TM}}\text{lac}$ in dnaA, gyrA and gyrB temperature sensitive mutants. <i>Journal of Biological Research (Italy)</i> , 2017, 90, .	0.1	0
98	Isolation of an <i>Escherichia coli</i> mutant susceptible to a quinolone in an anaerobic environment. <i>Mental Illness</i> , 2018, 9, .	0.8	0
99	Environmental factors associated with etiology of microbiologically confirmed reconstructive breast implant infections: impact on clinical management and treatment. <i>New Microbiologica</i> , 2020, 43, 78-81.	0.1	0