

Catherine Neuwirth

List of Publications by Year in descending order

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85
papers

2,335
citations

172457

29
h-index

233421

45
g-index

90
all docs

90
docs citations

90
times ranked

2440
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Strains of <i>Pseudomonas aeruginosa</i> Overproducing MexAB-OprM and MexXY Efflux Pumps Simultaneously. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1797-1802.	3.2	226
2	Epidemiological study by pulsed-field gel electrophoresis of an outbreak of extended-spectrum beta-lactamase-producing <i>Klebsiella pneumoniae</i> in a geriatric hospital. <i>Journal of Clinical Microbiology</i> , 1994, 32, 301-305.	3.9	137
3	Occurrence of CTX-M Producing <i>Escherichia coli</i> in Soils, Cattle, and Farm Environment in France (Burgundy Region). <i>Frontiers in Microbiology</i> , 2012, 3, 83.	3.5	107
4	Outbreak of TEM-24-producing <i>Enterobacter aerogenes</i> in an intensive care unit and dissemination of the extended-spectrum beta-lactamase to other members of the family enterobacteriaceae. <i>Journal of Clinical Microbiology</i> , 1996, 34, 76-79.	3.9	103
5	Innate Aminoglycoside Resistance of <i>Achromobacter xylosoxidans</i> Is Due to AxyXY-OprZ, an RND-Type Multidrug Efflux Pump. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 603-605.	3.2	81
6	Detection of <i>Achromobacter xylosoxidans</i> in Hospital, Domestic, and Outdoor Environmental Samples and Comparison with Human Clinical Isolates. <i>Applied and Environmental Microbiology</i> , 2013, 79, 7142-7149.	3.1	77
7	Imipenem resistance in clinical isolates of <i>Proteus mirabilis</i> associated with alterations in penicillin-binding proteins. <i>Journal of Antimicrobial Chemotherapy</i> , 1995, 36, 335-342.	3.0	76
8	Epidemiology and resistance of <i>Achromobacter xylosoxidans</i> from cystic fibrosis patients in Dijon, Burgundy: First French data. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 170-176.	0.7	70
9	First Description of an RND-Type Multidrug Efflux Pump in <i>Achromobacter xylosoxidans</i> , AxyABM. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4912-4914.	3.2	64
10	Emergence of <i>Salmonella</i> genomic island 1 (SGI1) among <i>Proteus mirabilis</i> clinical isolates in Dijon, France. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1750-1756.	3.0	62
11	The new variant of <i>Salmonella</i> genomic island 1 (SGI1-V) from a <i>Proteus mirabilis</i> French clinical isolate harbours bla _{VEB-6} and qnrA1 in the multiple antibiotic resistance region. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2513-2520.	3.0	56
12	<i>Proteus</i> genomic island 1 (PGI1), a new resistance genomic island from two <i>Proteus mirabilis</i> French clinical isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3216-3220.	3.0	56
13	Evolving epidemiology and antimicrobial resistance in spontaneous bacterial peritonitis: a two-year observational study. <i>BMC Infectious Diseases</i> , 2014, 14, 287.	2.9	54
14	First Occurrence of an IMP Metallo- β -Lactamase in <i>Aeromonas caviae</i> : IMP-19 in an Isolate from France. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4486-4488.	3.2	49
15	Time to blood culture positivity: An independent predictor of infective endocarditis and mortality in patients with <i>Staphylococcus aureus</i> bacteraemia. <i>Clinical Microbiology and Infection</i> , 2019, 25, 481-488.	6.0	47
16	Multicentric evaluation of BioFire FilmArray Pneumonia Panel for rapid bacteriological documentation of pneumonia. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1308-1314.	6.0	41
17	Cephalosporin and fluoroquinolone combinations are highly associated with CTX-M β -lactamase-producing <i>Escherichia coli</i> : a case-control study in a French teaching hospital. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1746-1751.	6.0	39
18	Bacterial epidemiology and antimicrobial resistance in ascitic fluid: A 2-year retrospective study. <i>Scandinavian Journal of Infectious Diseases</i> , 2009, 41, 847-851.	1.5	36

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19	Chorioamnionitis with intact membranes caused by <i>Capnocytophaga sputigena</i> : European Journal of Obstetrics, Gynecology and Reproductive Biology, 1999, 83, 109-112.	1.1	34
20	Survey of multidrug resistance integrative mobilizable elements SGI1 and PGI1 in <i>Proteus mirabilis</i> in humans and dogs in France, 2010-2013. Journal of Antimicrobial Chemotherapy, 2015, 70, 2543-2546.	3.0	34
21	Outbreak of Extended-Spectrum Beta-Lactamase Producing <i>Enterobacter cloacae</i> with High MICs of Quaternary Ammonium Compounds in a Hematology Ward Associated with Contaminated Sinks. Frontiers in Microbiology, 2016, 7, 1070.	3.5	34
22	Description of a 2,683-Base-Pair Plasmid Containing <i>qnrD</i> in Two <i>Providencia rettgeri</i> Isolates. Antimicrobial Agents and Chemotherapy, 2012, 56, 565-568.	3.2	33
23	Distribution of the species of <i>Achromobacter</i> in a French Cystic Fibrosis Centre and multilocus sequence typing analysis reveal the predominance of <i>A. xylosoxidans</i> and clonal relationships between some clinical and environmental isolates. Journal of Cystic Fibrosis, 2016, 15, 486-494.	0.7	33
24	Efficacy and pharmacodynamics of simulated human-like treatment with levofloxacin on experimental pneumonia induced with penicillin-resistant pneumococci with various susceptibilities to fluoroquinolones. Journal of Antimicrobial Chemotherapy, 2002, 50, 349-360.	3.0	32
25	High Prevalence of Extended-Spectrum-Cephalosporin-Resistant Enterobacteriaceae in Poultry Meat in Switzerland: Emergence of CMY-2- and VEB-6-Possessing <i>Proteus mirabilis</i> . Antimicrobial Agents and Chemotherapy, 2013, 57, 6406-6408.	3.2	32
26	VEB-1 in <i>Achromobacter xylosoxidans</i> from Cystic Fibrosis Patient, France. Emerging Infectious Diseases, 2006, 12, 1737-1739.	4.3	30
27	Mobilization of the <i>Salmonella</i> genomic island SGI1 and the <i>Proteus</i> genomic island PGI1 by the A/C ₂ plasmid carrying <i>bla</i> _{TEM-24} harboured by various clinical species of Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2016, 71, 2167-2170.	3.0	30
28	Factors associated with 12-week case-fatality in <i>Staphylococcus aureus</i> bacteraemia: a prospective cohort study. Clinical Microbiology and Infection, 2016, 22, 948.e1-948.e7.	6.0	30
29	Presumed pseudobacteremia outbreak resulting from contamination of proportional disinfectant dispenser. European Journal of Clinical Microbiology and Infectious Diseases, 2007, 26, 195-198.	2.9	29
30	Genomic context of resistance genes within a French clinical MDR <i>Proteus mirabilis</i> : identification of the novel genomic resistance island GIPmi1. Journal of Antimicrobial Chemotherapy, 2018, 73, 1808-1811.	3.0	29
31	Genetic analysis of a multiresistant strain of <i>Pseudomonas aeruginosa</i> producing PER-1 β -lactamase. Clinical Microbiology and Infection, 2006, 12, 270-278.	6.0	28
32	Nosocomial Infections with IMP-19 Producing <i>Pseudomonas aeruginosa</i> Linked to Contaminated Sinks, France. Emerging Infectious Diseases, 2017, 23, 304-307.	4.3	27
33	TEM-89 β -Lactamase Produced by a <i>Proteus mirabilis</i> Clinical Isolate: New Complex Mutant (CMT 3) with Mutations in both TEM-59 (IRT-17) and TEM-3. Antimicrobial Agents and Chemotherapy, 2001, 45, 3591-3594.	3.2	25
34	Tertebra Osteomyelitis Due to <i>Capnocytophaga</i> Species in Immunocompetent Patients: Report of Two Cases and Review. Clinical Infectious Diseases, 1996, 22, 1099-1101.	5.8	24
35	Evidence of In Vivo Transfer of a Plasmid Encoding the Extended-Spectrum β -Lactamase TEM-24 and Other Resistance Factors among Different Members of the Family Enterobacteriaceae. Journal of Clinical Microbiology, 2001, 39, 1985-1988.	3.9	23
36	Study of 109 <i>Achromobacter</i> spp. isolates from 9 French CF centres reveals the circulation of a multiresistant clone of <i>A. xylosoxidans</i> belonging to ST 137. Journal of Cystic Fibrosis, 2019, 18, 804-807.	0.7	20

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37	Dissemination of CTX-M-Producing <i>Escherichia coli</i> in Freshwater Fishes From a French Watershed (Burgundy). <i>Frontiers in Microbiology</i> , 2018, 9, 3239.	3.5	20
38	Occurrence of ArmA and RmtB Aminoglycoside Resistance 16S rRNA Methylases in Extended-Spectrum β -Lactamases Producing <i>Escherichia coli</i> in Algerian Hospitals. <i>Frontiers in Microbiology</i> , 2016, 7, 1409.	3.5	19
39	Distribution of innate efflux-mediated aminoglycoside resistance among different <i>Achromobacter</i> species. <i>New Microbes and New Infections</i> , 2016, 10, 1-5.	1.6	19
40	<i>Achromobacter xylosoxidans</i> is the predominant <i>Achromobacter</i> species isolated from diverse non-respiratory samples. <i>Epidemiology and Infection</i> , 2016, 144, 3527-3530.	2.1	18
41	Identification of AGI1-A, a variant of <i>Acinetobacter</i> genomic island 1 (AGI1), in a French clinical isolate belonging to the <i>Enterobacter cloacae</i> complex. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 311-314.	3.0	18
42	Myocarditis due to <i>Salmonella virchow</i> and sudden infant death. <i>Lancet</i> , The, 1999, 354, 1004.	13.7	17
43	Fractional Maximal Effect Method for In Vitro Synergy between Amoxicillin and Ceftriaxone and between Vancomycin and Ceftriaxone against <i>Enterococcus faecalis</i> and Penicillin-Resistant <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 3328-3333.	3.2	17
44	Amperometric detection of extended-spectrum β -lactamase activity: application to the characterization of resistant <i>E. coli</i> strains. <i>Analyst</i> , The, 2015, 140, 3551-3556.	3.5	17
45	Two new <i>Salmonella</i> genomic islands 1 from <i>Proteus mirabilis</i> and description of blaCTX-M-15 on a variant (SGI1-K7). <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1804-1807.	3.0	16
46	Role of AxyZ Transcriptional Regulator in Overproduction of AxyXY-OprZ Multidrug Efflux System in <i>Achromobacter</i> Species Mutants Selected by Tobramycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	16
47	In vivo activity and pharmacodynamics of cefotaxime or ceftriaxone in combination with fosfomycin in fibrin clots infected with highly penicillin-resistant <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1995, 39, 1736-1743.	3.2	15
48	Development of a database for the rapid and accurate routine identification of <i>Achromobacter</i> species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF MS). <i>Clinical Microbiology and Infection</i> , 2021, 27, 126.e1-126.e5.	6.0	15
49	Survey of Enterobacteriaceae Producing Extended-Spectrum β -Lactamases in a Slovak Hospital: Dominance of SHV-2a and Characterization of TEM-132. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3066-3069.	3.2	13
50	Successful control of a Methicillin-resistant <i>Staphylococcus aureus</i> outbreak in a neonatal intensive care unit: a retrospective, before-after study. <i>BMC Infectious Diseases</i> , 2013, 13, 440.	2.9	13
51	Retrospective Multicentric Study on <i>Campylobacter</i> spp. Bacteremia in France: The Campylobacteremia Study. <i>Clinical Infectious Diseases</i> , 2022, 75, 702-709.	5.8	13
52	Characterization of TEM-56, a Novel β -Lactamase Produced by a <i>Klebsiella pneumoniae</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 453-455.	3.2	12
53	Two New SGI1-LK Variants Found in <i>Proteus mirabilis</i> and Evolution of the SGI1-HKL Group of <i>Salmonella</i> Genomic Islands. <i>MSphere</i> , 2020, 5, .	2.9	12
54	In vivo activity and pharmacodynamics of amoxicillin in combination with fosfomycin in fibrin clots infected with highly penicillin-resistant <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 1996, 40, 2062-2066.	3.2	11

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55	First isolation of CTX-M15-producing <i>Escherichia coli</i> from two French patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 471-473.	3.0	11
56	One New LEN Enzyme and Two New OKP Enzymes in <i>Klebsiella pneumoniae</i> Clinical Isolates and Proposed Nomenclature for Chromosomal β -Lactamases of This Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3097-3098.	3.2	11
57	SG10, a relative of <i>Salmonella</i> genomic islands SG11 and SG12, lacking a class 1 integron, found in <i>Proteus mirabilis</i> . <i>Plasmid</i> , 2020, 107, 102453.	1.4	11
58	Carriage of a Single Strain of Nontoxicogenic <i>Corynebacterium diphtheriae</i> bv. Belfanti () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 <i>Microbiology</i> , 2019, 57, .	3.9	10
59	Genomic islands related to <i>Salmonella</i> genomic island 1; integrative mobilisable elements in <i>trmE</i> mobilised in trans by A/C plasmids. <i>Plasmid</i> , 2021, 114, 102565.	1.4	10
60	Outer membrane protein profiles of clonally related <i>Klebsiella pneumoniae</i> isolates that differ in cefoxitin resistance. <i>FEMS Microbiology Letters</i> , 2005, 243, 197-203.	1.8	8
61	16S rRNA PCR on clinical specimens: Impact on diagnosis and therapeutic management. <i>Médecine Et Maladies Infectieuses</i> , 2020, 50, 63-73.	5.0	8
62	Role of <i>AxyABM</i> overexpression in acquired resistance in <i>Achromobacter xylosoxidans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 926-929.	3.0	7
63	Étude du portage nasopharyngé de <i>Streptococcus pneumoniae</i> et d' <i>Haemophilus influenzae</i> et de leur sensibilité aux antibiotiques chez des enfants fréquentant des crèches collectives. <i>Médecine Et Maladies Infectieuses</i> , 2000, 30, 510-514.	5.0	6
64	A voltammetric test for the rapid discrimination of β -lactamase-producing <i>Enterobacteriaceae</i> in blood cultures. <i>Talanta</i> , 2018, 184, 210-218.	5.5	6
65	Fluoroquinolone resistance in <i>Achromobacter</i> spp.: substitutions in QRDRs of <i>GyrA</i> , <i>GyrB</i> , <i>ParC</i> and <i>ParE</i> and implication of the RND efflux system <i>AxyEF-OprN</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 297-304.	3.0	6
66	In Vitro Combinations of Five Intravenous Antibiotics with Dalfopristin-Quinupristin Against <i>Staphylococcus aureus</i> in a 3-Dimensional Model. <i>Journal of Chemotherapy</i> , 2008, 20, 684-689.	1.5	5
67	New insights regarding <i>Acinetobacter</i> genomic island-related elements. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106117.	2.5	5
68	In vitro antimicrobial activity of daptomycin alone and in adjunction with either amoxicillin, cefotaxime or rifampicin against the main pathogens responsible for bacterial meningitis in adults. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 25, 193-198.	2.2	5
69	Does the <i>Salmonella</i> Genomic Island 1 (SGI1) confer invasiveness properties to human isolates? <i>BMC Infectious Diseases</i> , 2017, 17, 741.	2.9	4
70	Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry for Rapid Detection of Isolates Belonging to the Epidemic Clones <i>Achromobacter xylosoxidans</i> ST137 and <i>Achromobacter ruhlandii</i> DES from Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0094621.	3.9	4
71	In Vitro Synergistic Activity of Combined Piperacillin and Tobramycin Against Clinical Strains of <i>Achromobacter xylosoxidans</i> . <i>Journal of Chemotherapy</i> , 2010, 22, 139-141.	1.5	3
72	<i>Streptococcus pyogenes</i> : an unusual cause of salpingitis. Case report and review of the literature. <i>Infection</i> , 2017, 45, 697-702.	4.7	3

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73	Infected aneurysm after returning from Southeast Asia: think <i>Burkholderia pseudomallei</i> !. BMJ Case Reports, 2019, 12, e228856.	0.5	3
74	Mobilisation of plasmid-mediated bla _{VEB-1} gene cassette into distinct genomic islands of <i>Proteus mirabilis</i> after ceftazidime exposure. Journal of Global Antimicrobial Resistance, 2021, 27, 26-30.	2.2	3
75	Distribution of <i>Achromobacter</i> Species in 12 French Cystic Fibrosis Centers in 2020 by a Retrospective MALDI-TOF MS Spectrum Analysis. Journal of Clinical Microbiology, 2022, 60, e0242221.	3.9	3
76	Overview of Salmonella Genomic Island 1-Related Elements Among Gamma-Proteobacteria Reveals Their Wide Distribution Among Environmental Species. Frontiers in Microbiology, 2022, 13, 857492.	3.5	2
77	Bactericidal activity of cefodizime on Enterobacteriaceae in an in- vitro model simulating plasma pharmacokinetics in humans. Journal of Antimicrobial Chemotherapy, 1997, 39, 157-162.	3.0	1
78	Nosocomial Infections with IMP-19 ⁺ -Producing <i>Pseudomonas aeruginosa</i> Linked to Contaminated Sinks, France. Emerging Infectious Diseases, 2017, 23, 304-307.	4.3	1
79	Identification of <i>Streptomyces</i> spp. in a Clinical Sample: Always Contamination? Results of a French Retrospective Study. Open Forum Infectious Diseases, 2022, 9, .	0.9	1
80	In-vivo activity and pharmacodynamics of cefotaxime in combination with vancomycin in fibrin clots infected with highly penicillin-resistant <i>Streptococcus pneumoniae</i> . Journal of Antimicrobial Chemotherapy, 1996, 38, 655-670.	3.0	0
81	157 Control of methicillin-resistant staphylococcus aureus infections in two neonatal care units. BMJ Quality and Safety, 2010, 19, A49-A50.	3.7	0
82	BMR-02 - Étude de la sensibilité à la ticamocilline chez les entérobactéries productrices de β -lactamases à spectre élargi isolées des urines et facteurs de risque de résistance liés au patient. Médecine Et Maladies Infectieuses, 2016, 46, 24.	5.0	0
83	Exposition des eaux souterraines peu profondes à <i>Escherichia coli</i> résistant aux antibiotiques: approche hydrochimique pour identifier les sources et les voies de transfert. Houille Blanche, 2018, 104, 5-12.	0.3	0
84	<i>Achromobacter xylosoxidans</i> Infections after Prostate Biopsies, France, 2014. Emerging Infectious Diseases, 2019, 25, 2158-2159.	4.3	0
85	Peri-oral symptoms of immunodepression caused by COVID-19 infection. Journal of Stomatology, Oral and Maxillofacial Surgery, 2021, 122, 629.	1.3	0