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	Retrospective Multicentric Study on Campylobacter spp. Bacteremia in France: The Campylobacteremia Study. Clinical Infectious Diseases, 2022, 75, 702-709.	5.8	13
2	Role of AxyABM overexpression in acquired resistance in Achromobacter xylosoxidans. Journal of Antimicrobial Chemotherapy, 2022, 77, 926-929.	3.0	7
3	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
4	Distribution of Achromobacter 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
5	Identification of Streptomyces spp. in a Clinical Sample: Always Contamination? Results of a French Retrospective Study. Open Forum Infectious Diseases, 2022, 9, .	0.9	1
6	Development of a database for the rapid and accurate routine identification of Achromobacter species by matrix-assisted laser desorption/ionizationâ€“time-of-flight mass spectrometry (MALDI-TOF MS). Clinical Microbiology and Infection, 2021, 27, 126.e1-126.e5.	6.0	15
7	Genomic islands related to Salmonella genomic island 1; integrative mobilisable elements in trmE mobilised in trans by A/C plasmids. Plasmid, 2021, 114, 102565.	1.4	10
8	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. Journal of Global Antimicrobial Resistance, 2021, 25, 193-198.	2.2	5
9	Matrix-Assisted Laser Desorption Ionizationâ€“Time of Flight Mass Spectrometry for Rapid Detection of Isolates Belonging to the Epidemic Clones Achromobacter xylosoxidans ST137 and Achromobacter ruhlandii DES from Cystic Fibrosis Patients. Journal of Clinical Microbiology, 2021, 59, e0094621.	3.9	4
10	Multicentric evaluation of BioFire FilmArray Pneumonia Panel for rapid bacteriological documentation of pneumonia. Clinical Microbiology and Infection, 2021, 27, 1308-1314.	6.0	41
11	Mobilisation of plasmid-mediated blaVEB-1 gene cassette into distinct genomic islands of Proteus mirabilis after ceftazidime exposure. Journal of Global Antimicrobial Resistance, 2021, 27, 26-30.	2.2	3
12	Peri-oral symptoms of immunodepression caused by COVID-19 infection. Journal of Stomatology, Oral and Maxillofacial Surgery, 2021, 122, 629.	1.3	0
13	Fluoroquinolone resistance in Achromobacter spp.: substitutions in QRDRs of GyrA, GyrB, ParC and ParE and implication of the RND efflux system AxyEF-OprN. Journal of Antimicrobial Chemotherapy, 2021, 76, 297-304.	3.0	6
14	16S rRNA PCR on clinical specimens: Impact on diagnosis and therapeutic management. MÃ©decine Et Maladies Infectieuses, 2020, 50, 63-73.	5.0	8
15	SGI0, a relative of Salmonella genomic islands SGI1 and SGI2, lacking a class 1 integron, found in Proteus mirabilis. Plasmid, 2020, 107, 102453.	1.4	11
16	New insights regarding Acinetobacter genomic island-related elements. International Journal of Antimicrobial Agents, 2020, 56, 106117.	2.5	5
17	Two New SGI1-LK Variants Found in Proteus mirabilis and Evolution of the SGI1-HKL Group of Salmonella Genomic Islands. MSphere, 2020, 5, .	2.9	12
18	Achromobacter xylosoxidans Infections after Prostate Biopsies, France, 2014. Emerging Infectious Diseases, 2019, 25, 2158-2159.	4.3	0

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19	Infected aneurysm after returning from Southeast Asia: think Burkholderia pseudomallei!. BMJ Case Reports, 2019, 12, e228856.	0.5	3
20	Study of 109 Achromobacter spp. isolates from 9 French CF centres reveals the circulation of a multiresistant clone of A. xylosoxidans belonging to ST 137. Journal of Cystic Fibrosis, 2019, 18, 804-807.	0.7	20
21	Carriage of a Single Strain of Nontoxigenic Corynebacterium diphtheriae bv. Belfanti () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Microbiology, 2019, 57, .	3.9	10
22	Time to blood culture positivity: An independent predictor of infective endocarditis and mortality in patients with Staphylococcus aureus bacteraemia. Clinical Microbiology and Infection, 2019, 25, 481-488.	6.0	47
23	Identification of AGI1-A, a variant of Acinetobacter genomic island 1 (AGI1), in a French clinical isolate belonging to the Enterobacter cloacae complex. Journal of Antimicrobial Chemotherapy, 2019, 74, 311-314.	3.0	18
24	Genomic context of resistance genes within a French clinical MDR Proteus mirabilis: identification of the novel genomic resistance island GIPmi1. Journal of Antimicrobial Chemotherapy, 2018, 73, 1808-1811.	3.0	29
25	A voltammetric test for the rapid discrimination of Î²-lactamase-producing Enterobacteriaceae in blood cultures. Talanta, 2018, 184, 210-218.	5.5	6
26	Exposition des eaux souterraines peu profondes Ã Escherichia coli rÃ©sistant aux antibiotiquesÂ: approche hydrochimique pour identifier les sources et les voies de transfert. Houille Blanche, 2018, 104, 5-12.	0.3	0
27	Two new Salmonella genomic islands 1 from Proteus mirabilis and description of blaCTX-M-15 on a variant (SGI1-K7). Journal of Antimicrobial Chemotherapy, 2018, 73, 1804-1807.	3.0	16
28	Dissemination of CTX-M-Producing Escherichia coli in Freshwater Fishes From a French Watershed (Burgundy). Frontiers in Microbiology, 2018, 9, 3239.	3.5	20
29	Streptococcus pyogenes: an unusual cause of salpingitis. Case report and review of the literature. Infection, 2017, 45, 697-702.	4.7	3
30	â€œDoes the Salmonella Genomic Island 1 (SGI1) confer invasiveness properties to human isolates?â€• BMC Infectious Diseases, 2017, 17, 741.	2.9	4
31	Nosocomial Infections with IMP-19â˜Producing Pseudomonas aeruginosa Linked to Contaminated Sinks, France. Emerging Infectious Diseases, 2017, 23, 304-307.	4.3	27
32	Role of AxyZ Transcriptional Regulator in Overproduction of AxyXY-OprZ Multidrug Efflux System in Achromobacter Species Mutants Selected by Tobramycin. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	16
33	Nosocomial Infections with IMP-19â˜Producing Pseudomonas aeruginosa Linked to Contaminated Sinks, France. Emerging Infectious Diseases, 2017, 23, 304-307.	4.3	1
34	Outbreak of Extended-Spectrum Beta-Lactamase Producing Enterobacter cloacae with High MICs of Quaternary Ammonium Compounds in a Hematology Ward Associated with Contaminated Sinks. Frontiers in Microbiology, 2016, 7, 1070.	3.5	34
35	Occurence of ArmA and RmtB Aminoglycoside Resistance 16S rRNA Methylases in Extended-Spectrum Î²-Lactamases Producing Escherichia coli in Algerian Hospitals. Frontiers in Microbiology, 2016, 7, 1409.	3.5	19
36	Distribution of the species of Achromobacter in a French Cystic Fibrosis Centre and multilocus sequence typing analysis reveal the predominance of A. xylosoxidans and clonal relationships between some clinical and environmental isolates. Journal of Cystic Fibrosis, 2016, 15, 486-494.	0.7	33

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37	Mobilization of theSalmonellagenomic island SGI1 and theProteusgenomic island PGI1 by the A/C₂plasmid carryingbla_{TEM-24}harboured by various clinical species of Enterobacteriaceae. Journal of Antimicrobial Chemotherapy, 2016, 71, 2167-2170.	3.0	30
38	Achromobacter xylosoxidans is the predominant Achromobacter species isolated from diverse non-respiratory samples. Epidemiology and Infection, 2016, 144, 3527-3530.	2.1	18
39	Factors associated with 12Âweek case-fatality in Staphylococcus aureus bacteraemia: a prospective cohort study. Clinical Microbiology and Infection, 2016, 22, 948.e1-948.e7.	6.0	30
40	BMR-02 - Ã‰tude de la sensibilitÃ© Ã la tÃ©mocilline chez les entÃ©robactÃ©ries productrices de Î²-lactamases Ã spectre Ã©largi isolÃ©es des urines et facteurs de risque de rÃ©sistance liÃ©s au patient. MÃ©decine Et Maladies Infectieuses, 2016, 46, 24.	5.0	0
41	Distribution of innate efflux-mediated aminoglycoside resistance among different Achromobacter species. New Microbes and New Infections, 2016, 10, 1-5.	1.6	19
42	Survey of multidrug resistance integrative mobilizable elements SGI1 and PGI1 inProteus mirabilisin humans and dogs in France, 2010â€“13. Journal of Antimicrobial Chemotherapy, 2015, 70, 2543-2546.	3.0	34
43	Amperometric detection of extended-spectrum Î²-lactamase activity: application to the characterization of resistant E. coli strains. Analyst, The, 2015, 140, 3551-3556.	3.5	17
44	Proteus genomic island 1 (PGI1), a new resistance genomic island from two Proteus mirabilis French clinical isolates. Journal of Antimicrobial Chemotherapy, 2014, 69, 3216-3220.	3.0	56
45	Evolving epidemiology and antimicrobial resistance in spontaneous bacterial peritonitis: a two-year observational study. BMC Infectious Diseases, 2014, 14, 287.	2.9	54
46	Successful control of a Methicillin-resistant Staphylococcus aureus outbreak in a neonatal intensive care unit: a retrospective, before-after study. BMC Infectious Diseases, 2013, 13, 440.	2.9	13
47	Emergence of Salmonella genomic island 1 (SGI1) among Proteus mirabilis clinical isolates in Dijon, France. Journal of Antimicrobial Chemotherapy, 2013, 68, 1750-1756.	3.0	62
48	Epidemiology and resistance of Achromobacter xylosoxidans from cystic fibrosis patients in Dijon, Burgundy: First French data. Journal of Cystic Fibrosis, 2013, 12, 170-176.	0.7	70
49	Innate Aminoglycoside Resistance of Achromobacter xylosoxidans Is Due to AxyXY-OprZ, an RND-Type Multidrug Efflux Pump. Antimicrobial Agents and Chemotherapy, 2013, 57, 603-605.	3.2	81
50	Detection of Achromobacter xylosoxidans in Hospital, Domestic, and Outdoor Environmental Samples and Comparison with Human Clinical Isolates. Applied and Environmental Microbiology, 2013, 79, 7142-7149.	3.1	77
51	High Prevalence of Extended-Spectrum-Cephalosporin-Resistant Enterobacteriaceae in Poultry Meat in Switzerland: Emergence of CMY-2- and VEB-6-Possessing Proteus mirabilis. Antimicrobial Agents and Chemotherapy, 2013, 57, 6406-6408.	3.2	32
52	Description of a 2,683-Base-Pair Plasmid Containing qnrD in Two Providencia rettgeri Isolates. Antimicrobial Agents and Chemotherapy, 2012, 56, 565-568.	3.2	33
53	Occurrence of CTX-M Producing Escherichia coli in Soils, Cattle, and Farm Environment in France (Burgundy Region). Frontiers in Microbiology, 2012, 3, 83.	3.5	107
54	The new variant of Salmonella genomic island 1 (SGI1-V) from a Proteus mirabilis French clinical isolate harbours blaVEB-6 and qnrA1 in the multiple antibiotic resistance region. Journal of Antimicrobial Chemotherapy, 2011, 66, 2513-2520.	3.0	56

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55	Cephalosporin and fluoroquinolone combinations are highly associated with CTX-M Î²-lactamase-producing Escherichia coli: a caseâ€“control study in a French teaching hospital. Clinical Microbiology and Infection, 2011, 17, 1746-1751.	6.0	39
56	First Description of an RND-Type Multidrug Efflux Pump in Achromobacter xylosoxidans, AxyABM. Antimicrobial Agents and Chemotherapy, 2011, 55, 4912-4914.	3.2	64
57	157 Control of methicillin-resistant staphylococcus aureus infections in two neonatal care units. BMJ Quality and Safety, 2010, 19, A49-A50.	3.7	0
58	In VitroSynergistic Activity of Combined Piperacillin and Tobramycin Against Clinical Strains ofAchromobacter xylosoxidans. Journal of Chemotherapy, 2010, 22, 139-141.	1.5	3
59	Bacterial epidemiology and antimicrobial resistance in ascitic fluid: A 2-year retrospective study. Scandinavian Journal of Infectious Diseases, 2009, 41, 847-851.	1.5	36
60	In VitroCombinations of Five Intravenous Antibiotics with Dalfopristin-Quinupristin AgainstStaphylococcus aureusin a 3-Dimensional Model. Journal of Chemotherapy, 2008, 20, 684-689.	1.5	5
61	First Occurrence of an IMP Metallo-Î²-Lactamase in Aeromonas caviae : IMP-19 in an Isolate from France. Antimicrobial Agents and Chemotherapy, 2007, 51, 4486-4488.	3.2	49
62	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
63	VEB-1 inAchromobacter xylosoxidansfrom Cystic Fibrosis Patient, France. Emerging Infectious Diseases, 2006, 12, 1737-1739.	4.3	30
64	Genetic analysis of a multiresistant strain of Pseudomonas aeruginosa producing PER-1 Î²-lactamase. Clinical Microbiology and Infection, 2006, 12, 270-278.	6.0	28
65	Outer membrane protein profiles of clonally relatedKlebsiella pneumoniaeisolates that differ in cefoxitin resistance. FEMS Microbiology Letters, 2005, 243, 197-203.	1.8	8
66	One New LEN Enzyme and Two New OKP Enzymes in Klebsiella pneumoniae Clinical Isolates and Proposed Nomenclature for Chromosomal Î²-Lactamases of This Species. Antimicrobial Agents and Chemotherapy, 2005, 49, 3097-3098.	3.2	11
67	Survey of Enterobacteriaceae Producing Extended-Spectrum Î²-Lactamases in a Slovak Hospital: Dominance of SHV-2a and Characterization of TEM-132. Antimicrobial Agents and Chemotherapy, 2005, 49, 3066-3069.	3.2	13
68	Clinical Strains of Pseudomonas aeruginosa Overproducing MexAB-OprM and MexXY Efflux Pumps Simultaneously. Antimicrobial Agents and Chemotherapy, 2004, 48, 1797-1802.	3.2	226
69	First isolation of CTX-M15-producing Escherichia coli from two French patients. Journal of Antimicrobial Chemotherapy, 2003, 51, 471-473.	3.0	11
70	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
71	Fractional Maximal Effect Method for In Vitro Synergy between Amoxicillin and Ceftriaxone and between Vancomycin and Ceftriaxone against Enterococcus faecalis and Penicillin-Resistant Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2001, 45, 3328-3333.	3.2	17
72	TEM-89 Î²-Lactamase Produced by a Proteus mirabilis 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

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73	Evidence of In Vivo Transfer of a Plasmid Encoding the Extended-Spectrum Î²-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
74	Characterization of TEM-56, a Novel Î²-Lactamase Produced by a Klebsiella pneumoniae Clinical Isolate. Antimicrobial Agents and Chemotherapy, 2000, 44, 453-455.	3.2	12
75	Ã‰tude du portage nasopharyngÃ© de Streptococcus pneumoniae et d'Haemophilus influenzae et de leur sensibilitÃ© aux antibiotiques chez des enfants frÃ©quentant des crÃ¨ches collectives. MÃ©decine Et Maladies Infectieuses, 2000, 30, 510-514.	5.0	6
76	Chorioamnionitis with intact membranes caused by Capnocytophaga sputigena:. European Journal of Obstetrics, Gynecology and Reproductive Biology, 1999, 83, 109-112.	1.1	34
77	Myocarditis due to Salmonella virchow and sudden infant death. Lancet, The, 1999, 354, 1004.	13.7	17
78	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
79	In vivo activity and pharmacodynamics of amoxicillin in combination with fosfomycin in fibrin clots infected with highly penicillin-resistant Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 1996, 40, 2062-2066.	3.2	11
80	Tertebral Osteomyelitis Due to Capnocytophaga Species in Immunocompetent Patients: Report of Two Cases and Review. Clinical Infectious Diseases, 1996, 22, 1099-1101.	5.8	24
81	In-vivo activity and phannacodynamics of cefotaxime in combination with vancomycin in fibrin clots infected with highly penicillin-resistant Streptococcus pneumoniae. Journal of Antimicrobial Chemotherapy, 1996, 38, 655-670.	3.0	0
82	Outbreak of TEM-24-producing Enterobacter aerogenes in an intensive care unit and dissemination of the extended-spectrum beta-lactamase to other members of the family enterobacteriaceae. Journal of Clinical Microbiology, 1996, 34, 76-79.	3.9	103
83	In vivo activity and pharmacodynamics of cefotaxime or ceftriaxone in combination with fosfomycin in fibrin clots infected with highly penicillin-resistant Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 1995, 39, 1736-1743.	3.2	15
84	Imipenem resistance in clinical isolates of Proteus mirabilis associated with alterations in penicillin-binding proteins. Journal of Antimicrobial Chemotherapy, 1995, 36, 335-342.	3.0	76
85	Epidemiological study by pulsed-field gel electrophoresis of an outbreak of extended-spectrum beta-lactamase-producing Klebsiella pneumoniae in a geriatric hospital. Journal of Clinical Microbiology, 1994, 32, 301-305.	3.9	137