Nancy D Hanson

List of Publications by Year
in descending order

52 papers	4,809 citations	201385 27 h-index	189595 50 g-index
52 all docs	52 docs citations	52 times ranked	5224 citing authors

#	Article	IF	Citations
1	Intrapatient transfer of an uncommon carbapenemase in Nebraska. Infection Control and Hospital Epidemiology, 2021, , 1-2.	1.0	0
2	Draft Genome Sequences of the Clinical Isolates Kp 23 and KPM 20. Microbiology Resource Announcements, 2021, 10, .	0.3	2
3	OmpC regulation differs between ST131 and non-ST131 Escherichia coli clinical isolates and involves differential expression of the small RNA MicC. Journal of Antimicrobial Chemotherapy, 2020, 75, 1151-1158.	1.3	2
4	lptG contributes to changes in membrane permeability and the emergence of multidrug hypersusceptibility in a cystic fibrosis isolate of Pseudomonas aeruginosa. MicrobiologyOpen, 2019, 8, e844.	1.2	6
5	Draft Genome Assemblies of Clinical Isolates of Klebsiella pneumoniae V9011662 and Enterobacter hormaechei Entb306. Microbiology Resource Announcements, 2019, 8, .	0.3	2
6	High-Resolution Melting Analysis for Rapid Detection of Sequence Type 131 Escherichia coli. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	16
7	Impact of CLSI and EUCAST Cefepime breakpoint changes on the susceptibility reporting for Enterobacteriaceae. Diagnostic Microbiology and Infectious Disease, 2017, 89, 328-333.	0.8	5
8	Draft Genome Sequence of the Mucoid Pseudomonas aeruginosa Clinical Isolate PA34. Genome Announcements, 2017, 5, .	0.8	3
9	IMP-27, a Unique Metallo-Î²-Lactamase Identified in Geographically Distinct Isolates of Proteus mirabilis. Antimicrobial Agents and Chemotherapy, 2016, 60, 6418-6421.	1.4	20
10	Structural and Mutagenic Analysis of Metallo-Î²-Lactamase IMP-18. Antimicrobial Agents and Chemotherapy, 2016, 60, 5521-5526.	1.4	9
11	Evaluation of CTX-M steady-state mRNA, mRNA half-life and protein production in various STs ofEscherichia coli. Journal of Antimicrobial Chemotherapy, 2016, 71, 607-616.	1.3	11
12	The OpdQ porin of Pseudomonas aeruginosa is regulated by environmental signals associated with cystic fibrosis including nitrateâ€induced regulation involving the NarXL twoâ€component system. MicrobiologyOpen, 2015, 4, 967-982.	1.2	7
13	Identification of Gram-Negative Bacteria and Genetic Resistance Determinants from Positive Blood Culture Broths by Use of the Verigene Gram-Negative Blood Culture Multiplex Microarray-Based Molecular Assay. Journal of Clinical Microbiology, 2015, 53, 2460-2472.	1.8	124
14	Emergence of Carbapenem Resistance Due to the Novel Insertion Sequence ISPa8 in Pseudomonas aeruginosa. PLoS ONE, 2014, 9, e91299.	1.1	28
15	Multiplex High-Resolution Melting Analysis as a Diagnostic Tool for Detection of Plasmid-Mediated AmpC Â-Lactamase Genes. Journal of Clinical Microbiology, 2014, 52, 1262-1265.	1.8	17
16	Whole genome mapping of the first reported case of KPC-2â€“positive Klebsiella pneumoniae ST258 in Nebraska. Diagnostic Microbiology and Infectious Disease, 2014, 79, 384-386.	0.8	1
17	Rapid PCR amplification protocols decrease the turn-around time for detection of antibiotic resistance genes in Gram-negative pathogens. Diagnostic Microbiology and Infectious Disease, 2013, 77, 113-117.	0.8	8
18	Effect of drug treatment options on the mobility and expression of blaKPC. Journal of Antimicrobial Chemotherapy, 2013, 68, 2779-2785.	1.3	4

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19	Rapid Detection and Statistical Differentiation of KPC Gene Variants in Gram-Negative Pathogens by Use of High-Resolution Melting and ScreenClust Analyses. Journal of Clinical Microbiology, 2013, 51, 61-65.	1.8	22
20	Rapid Screening of Transformants Using the Streck PhilisaÂ® Thermal Cycler. BioTechniques, 2013, 55, 274.	0.8	1
21	Point mutations in the inc antisense RNA gene are associated with increased plasmid copy number, expression of blaCMY-2 and resistance to piperacillin/tazobactam in Escherichia coli. Journal of Antimicrobial Chemotherapy, 2012, 67, 339-345.	1.3	24
22	Association of IS5 with divergent tandem blaCMY-2 genes in clinical isolates of Escherichia coli. Journal of Antimicrobial Chemotherapy, 2011, 66, 1734-1738.	1.3	10
23	bla _{KPC} RNA Expression Correlates with Two Transcriptional Start Sites but Not Always with Gene Copy Number in Four Genera of Gram-Negative Pathogens. Antimicrobial Agents and Chemotherapy, 2011, 55, 3936-3938.	1.4	33
24	Dissemination and Molecular Epidemiology of KPC-Producing Klebsiella pneumoniae Collected in Puerto Rico Medical Center Hospitals during a 1-Year Period. Epidemiology Research International, 2011, 2011, 1-8.	0.2	4
25	Multiple genotypic changes in hypersusceptible strains of Pseudomonas aeruginosa isolated from cystic fibrosis patients do not always correlate with the phenotype. Journal of Antimicrobial Chemotherapy, 2009, 64, 294-300.	1.3	37
26	Characterization of CTX-M ESBLs in Enterobacter cloacae, Escherichia coli and Klebsiella pneumoniae clinical isolates from Cairo, Egypt. BMC Infectious Diseases, 2009, 9, 84.	1.3	39
27	Antibacterial-ResistantPseudomonas aeruginosa: Clinical Impact and Complex Regulation of Chromosomally Encoded Resistance Mechanisms. Clinical Microbiology Reviews, 2009, 22, 582-610.	5.7	1,446
28	Surveillance of Community-Based Reservoirs Reveals the Presence of CTX-M, Imported AmpC, and OXA-30 Î²-Lactamases in Urine Isolates of Klebsiella pneumoniae and Escherichia coli in a U.S. Community. Antimicrobial Agents and Chemotherapy, 2008, 52, 3814-3816.	1.4	42
29	Klebsiella pneumoniae Isolate Producing at Least Eight Different Î²-Lactamases, Including AmpC and KPC Î²-Lactamases. Antimicrobial Agents and Chemotherapy, 2007, 51, 800-801.	1.4	38
30	Identification of plasmid-mediated extended-spectrum and AmpC Î²-lactamases in Enterobacter spp. isolated from dogs. Journal of Medical Microbiology, 2007, 56, 426-434.	0.7	40
31	Pharmacodynamics and Antibacterial Resistance. Infectious Disease and Therapy, 2007, , 463-486.	0.0	0
32	Model System To Evaluate the Effect of ampD Mutations on AmpC-Mediated Î²-Lactam Resistance. Antimicrobial Agents and Chemotherapy, 2006, 50, 2030-2037.	1.4	51
33	Identification of blaCMY-7 and associated plasmid-mediated resistance genes in multidrug-resistant Escherichia coli isolated from dogs at a veterinary teaching hospital in Australia. Journal of Antimicrobial Chemotherapy, 2006, 57, 840-848.	1.3	42
34	Emergence and spread of two distinct clonal groups of multidrug-resistant Escherichia coli in a veterinary teaching hospital in Australia. Journal of Medical Microbiology, 2006, 55, 1125-1134.	0.7	42
35	Prevalence of Newer Â-Lactamases in Gram-Negative Clinical Isolates Collected in the United States from 2001 to 2002. Journal of Clinical Microbiology, 2006, 44, 3318-3324.	1.8	105
36	Failure of Cefepime Therapy in Treatment of Klebsiella pneumoniae Bacteremia. Journal of Clinical Microbiology, 2005, 43, 4891-4894.	1.8	45

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37	Phenotypic and Molecular Detection of CTX-M-Î²-Lactamases Produced by Escherichia coli and Klebsiella spp. Journal of Clinical Microbiology, 2004, 42, 5715-5721.	1.8	262
38	Population-Based Laboratory Surveillance for Escherichia coli-Producing Extended-Spectrum Â-Lactamases: Importance of Community Isolates with blaCTX-M Genes. Clinical Infectious Diseases, 2004, 38, 1736-1741.	2.9	173
39	Promoter Sequences Necessary for High-Level Expression of the Plasmid-Associated ampC Î²-Lactamase Gene bla MIR-1. Antimicrobial Agents and Chemotherapy, 2004, 48, 4177-4182.	1.4	15
40	Insertional inactivation ofoprD in clinical isolates ofPseudomonas aeruginosaleading to carbapenem resistance. FEMS Microbiology Letters, 2004, 236, 137-143.	0.7	91
41	Insertional inactivation of oprD in clinical isolates of Pseudomonas aeruginosa leading to carbapenem resistance. FEMS Microbiology Letters, 2004, 236, 137-143.	0.7	51
42	Association between Handling of Pet Treats and Infection with Salmonella enterica Serotype Newport Expressing the AmpC Î²-Lactamase, CMY-2. Journal of Clinical Microbiology, 2003, 41, 4578-4582.	1.8	100
43	AmpC Â-lactamases: what do we need to know for the future?. Journal of Antimicrobial Chemotherapy, 2003, 52, 2-4.	1.3	104
44	Occurrence of Extended-Spectrum and AmpC Beta-Lactamases in Bloodstream Isolates of Klebsiella pneumoniae: Isolates Harbor Plasmid-Mediated FOX-5 and ACT-1 AmpC Beta-Lactamases. Journal of Clinical Microbiology, 2003, 41, 772-777.	1.8	76
45	Factors influencing gene expression and resistance for Gram-negative organisms expressing plasmid-encoded ampC genes of Enterobacter origin. Journal of Antimicrobial Chemotherapy, 2003, 51, 1141-1151.	1.3	36
46	Analyses of ampC gene expression in Serratia marcescens reveal new regulatory properties. Journal of Antimicrobial Chemotherapy, 2003, 51, 791-802.	1.3	39
47	Occurrence of Newer Î²-Lactamases in Klebsiella pneumoniae Isolates from 24 U.S. Hospitals. Antimicrobial Agents and Chemotherapy, 2002, 46, 3837-3842.	1.4	99
48	The ACT-1 plasmid-encoded AmpC beta-lactamase is inducible: detection in a complex beta-lactamase background. Journal of Antimicrobial Chemotherapy, 2002, 49, 557-560.	1.3	35
49	Unusual Salmonella enterica serotype Typhimurium isolate producing CMY-7, SHV-9 and OXA-30 beta-lactamases. Journal of Antimicrobial Chemotherapy, 2002, 49, 1011-1014.	1.3	57
50	Detection of Plasmid-Mediated AmpC Â-Lactamase Genes in Clinical Isolates by Using Multiplex PCR. Journal of Clinical Microbiology, 2002, 40, 2153-2162.	1.8	1,324
51	Enzymatic characterization of TEM-63, a TEM-type extended spectrum Î²-lactamase expressed in three different genera of Enterobacteriaceae from South Africa. Diagnostic Microbiology and Infectious Disease, 2001, 40, 199-201.	0.8	8
52	Molecular characterization of a multiply resistant Klebsiella pneumoniae encoding ESBLs and a plasmid-mediated AmpC. Journal of Antimicrobial Chemotherapy, 1999, 44, 377-380.	1.3	53