Fred C Tenover

List of Publications by Year in Descending Order

81 papers	16,483 citations	52 h-index	81 g-index
81 ext. papers	17,796 ext. citations	10.6 avg, IF	6.25 L-index

#	Paper	IF	Citations
81	Strains with Chromosomal Deletions Evade Detection with Molecular Methods. *Journal of Clinical Microbiology*, **2019**, 57,	9.7	10
80	Range Expansion and the Origin of USA300 North American Epidemic Methicillin-Resistant. *MBio*, **2018**, 9,	7.8	26
79	Prospective study of the feasibility of point-of-care testing strategy for carbapenem-resistant organism detection. *Endoscopy International Open*, **2018**, 6, E58-E63	3	3
78	Continued expansion of USA300-like methicillin-resistant Staphylococcus aureus (MRSA) among hospitalized patients in the United States. *Diagnostic Microbiology and Infectious Disease*, **2017**, 88, 342-347	2.9	19
77	Antimicrobial Susceptibility Testing Methods for Bacterial Pathogens **2017**, 1347-1357		
76	Parallel Epidemics of Community-Associated Methicillin-Resistant Staphylococcus aureus USA300 Infection in North and South America. *Journal of Infectious Diseases*, **2015**, 212, 1874-82	7	75
75	Characterization of nasal and blood culture isolates of methicillin-resistant Staphylococcus aureus from patients in United States Hospitals. *Antimicrobial Agents and Chemotherapy*, **2012**, 56, 1324-30	5.9	96
74	Methicillin-resistant Staphylococcus aureus (MRSA) nasal carriage in residents of Veterans Affairs long-term care facilities: role of antimicrobial exposure and MRSA acquisition. *Infection Control and Hospital Epidemiology*, **2012**, 33, 551-7	2	39
73	Activity of ACHN-490 against meticillin-resistant Staphylococcus aureus (MRSA) isolates from patients in US hospitals. *International Journal of Antimicrobial Agents*, **2011**, 38, 352-4	14.3	25
72	Developing molecular amplification methods for rapid diagnosis of respiratory tract infections caused by bacterial pathogens. *Clinical Infectious Diseases*, **2011**, 52 Suppl 4, S338-45	11.6	26
71	Complete nucleotide sequence analysis of plasmids in strains of Staphylococcus aureus clone USA300 reveals a high level of identity among isolates with closely related core genome sequences. *Journal of Clinical Microbiology*, **2010**, 48, 4504-11	9.7	56
70	Characterization of blaKPC-containing Klebsiella pneumoniae isolates detected in different institutions in the Eastern USA. *Journal of Antimicrobial Chemotherapy*, **2009**, 63, 427-37	5.1	176
69	Emergence of blaKPC-containing Klebsiella pneumoniae in a long-term acute care hospital: a new challenge to our healthcare system. *Journal of Antimicrobial Chemotherapy*, **2009**, 64, 1102-10	5.1	126
68	Identification of plasmid-mediated AmpC beta-lactamases in Escherichia coli, Klebsiella spp., and proteus species can potentially improve reporting of cephalosporin susceptibility testing results. *Journal of Clinical Microbiology*, **2009**, 47, 294-9	9.7	32
67	Comparison of typing results obtained for methicillin-resistant Staphylococcus aureus isolates with the DiversiLab system and pulsed-field gel electrophoresis. *Journal of Clinical Microbiology*, **2009**, 47, 2452-7	9.7	61
66	Characterisation of a Staphylococcus aureus strain with progressive loss of susceptibility to vancomycin and daptomycin during therapy. *International Journal of Antimicrobial Agents*, **2009**, 33, 564-8	14.3	54
65	Methicillin-resistant Staphylococcus aureus strain USA300: origin and epidemiology. *Journal of Antimicrobial Chemotherapy*, **2009**, 64, 441-6	5.1	315

64	The Epidemiology of Bacterial Resistance to Antimicrobial Agents **2009**, 91-104		1
63	Trends in incidence of late-onset methicillin-resistant Staphylococcus aureus infection in neonatal intensive care units: data from the National Nosocomial Infections Surveillance System, 1995-2004. *Pediatric Infectious Disease Journal*, **2009**, 28, 577-81	3.4	67
62	Antimicrobial Susceptibility Testing Methods for Bacterial Pathogens **2009**, 1151-1159		1
61	Epidemic community-associated methicillin-resistant Staphylococcus aureus: recent clonal expansion and diversification. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 1327-32	11.5	292
60	Importance of bacterial burden among methicillin-resistant Staphylococcus aureus carriers in a long-term care facility. *Infection Control and Hospital Epidemiology*, **2008**, 29, 143-8	2	40
59	Characterization of Staphylococcus aureus isolates from nasal cultures collected from individuals in the United States in 2001 to 2004. *Journal of Clinical Microbiology*, **2008**, 46, 2837-41	9.7	97
58	Overlapping population structures of nasal isolates of Staphylococcus aureus from healthy Dutch and American individuals. *Journal of Clinical Microbiology*, **2008**, 46, 235-41	9.7	39
57	Changes in the prevalence of nasal colonization with Staphylococcus aureus in the United States, 2001-2004. *Journal of Infectious Diseases*, **2008**, 197, 1226-34	7	592
56	Emergence of multidrug-resistant, community-associated, methicillin-resistant Staphylococcus aureus clone USA300 in men who have sex with men. *Annals of Internal Medicine*, **2008**, 148, 249-57	8	300
55	Vancomycin-resistant Staphylococcus aureus: a perfect but geographically limited storm?. *Clinical Infectious Diseases*, **2008**, 46, 675-7	11.6	25
54	Rapid multiplex PCR assay for identification of USA300 community-associated methicillin-resistant Staphylococcus aureus isolates. *Journal of Clinical Microbiology*, **2007**, 45, 141-6	9.7	35
53	Epidemiologic distribution of the arginine catabolic mobile element among selected methicillin-resistant and methicillin-susceptible Staphylococcus aureus isolates. *Journal of Clinical Microbiology*, **2007**, 45, 1981-4	9.7	93
52	Multiple-locus variable-number tandem-repeat assay analysis of methicillin-resistant Staphylococcus aureus strains. *Journal of Clinical Microbiology*, **2007**, 45, 2215-9	9.7	51
51	The rationale for revising the Clinical and Laboratory Standards Institute vancomycin minimal inhibitory concentration interpretive criteria for Staphylococcus aureus. *Clinical Infectious Diseases*, **2007**, 44, 1208-15	11.6	356
50	Community-associated methicillin-resistant Staphylococcus aureus: It's not just in communities anymore. *Clinical Microbiology Newsletter*, **2006**, 28, 33-36	1.1	11
49	An association between reduced susceptibility to daptomycin and reduced susceptibility to vancomycin in Staphylococcus aureus. *Clinical Infectious Diseases*, **2006**, 42, 1652-3	11.6	145
48	Prevalence of Staphylococcus aureus nasal colonization in the United States, 2001-2002. *Journal of Infectious Diseases*, **2006**, 193, 172-9	7	467
47	Changes in the epidemiology of methicillin-resistant Staphylococcus aureus in intensive care units in US hospitals, 1992-2003. *Clinical Infectious Diseases*, **2006**, 42, 389-91	11.6	403

46	Characterization of a strain of community-associated methicillin-resistant Staphylococcus aureus widely disseminated in the United States. *Journal of Clinical Microbiology*, **2006**, 44, 108-18	9.7	408
45	Mechanisms of antimicrobial resistance in bacteria. *American Journal of Medicine*, **2006**, 119, S3-10; discussion S62-70	2.4	834
44	Mechanisms of antimicrobial resistance in bacteria. *American Journal of Infection Control*, **2006**, 34, S3-10; discussion S64-73	3.8	280
43	Community-associated methicillin-resistant Staphylococcus aureus and healthcare risk factors. *Emerging Infectious Diseases*, **2006**, 12, 1991-3	10.2	159
42	Carbapenem resistance in Klebsiella pneumoniae not detected by automated susceptibility testing. *Emerging Infectious Diseases*, **2006**, 12, 1209-13	10.2	146
41	A clone of methicillin-resistant Staphylococcus aureus among professional football players. *New England Journal of Medicine*, **2005**, 352, 468-75	59.2	626
40	The real vancomycin-resistant Staphylococcus aureus has arrived. *Clinical Microbiology Newsletter*, **2005**, 27, 35-40	1.1	13
39	Risk factors for colonization with methicillin-resistant Staphylococcus aureus (MRSA) in patients admitted to an urban hospital: emergence of community-associated MRSA nasal carriage. *Clinical Infectious Diseases*, **2005**, 41, 159-66	11.6	281
38	Results of disk diffusion testing with cefoxitin correlate with presence of mecA in Staphylococcus spp. *Journal of Clinical Microbiology*, **2005**, 43, 3818-23	9.7	130
37	Comparison of Tn1546-like elements in vancomycin-resistant Staphylococcus aureus isolates from Michigan and Pennsylvania. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 470-2	5.9	59
36	Vancomycin-resistant Staphylococcus aureus isolate from a patient in Pennsylvania. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 275-80	5.9	287
35	Vancomycin-resistant Staphylococcus aureus in the absence of vancomycin exposure. *Clinical Infectious Diseases*, **2004**, 38, 1049-55	11.6	120
34	Confronting bacterial resistance in healthcare settings: a crucial role for microbiologists. *Nature Reviews Microbiology*, **2004**, 2, 251-8	22.2	32
33	Emergence of community-associated methicillin-resistant Staphylococcus aureus at a Memphis, Tennessee Children's Hospital. *Pediatric Infectious Disease Journal*, **2004**, 23, 619-24	3.4	163
32	Comparison of PCR assay to culture for surveillance detection of vancomycin-resistant enterococci. *Journal of Clinical Microbiology*, **2003**, 41, 4805-7	9.7	38
31	Carbapenem-resistant strain of Klebsiella oxytoca harboring carbapenem-hydrolyzing beta-lactamase KPC-2. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 3881-9	5.9	159
30	Antimicrobial susceptibility testing of carbapenems: multicenter validity testing and accuracy levels of five antimicrobial test methods for detecting resistance in Enterobacteriaceae and Pseudomonas aeruginosa isolates. *Journal of Clinical Microbiology*, **2003**, 41, 351-8	9.7	44
29	Antimicrobial proficiency testing of National Nosocomial Infections Surveillance System hospital laboratories. *Infection Control and Hospital Epidemiology*, **2003**, 24, 356-61	2	24

28	Pulsed-field gel electrophoresis typing of oxacillin-resistant Staphylococcus aureus isolates from the United States: establishing a national database. *Journal of Clinical Microbiology*, **2003**, 41, 5113-20	9.7	1209
27	Genetic analysis of a high-level vancomycin-resistant isolate of Staphylococcus aureus. *Science*, **2003**, 302, 1569-71	33.3	671
26	Detection of antimicrobial resistance by small rural hospital microbiology laboratories: comparison of survey responses with current NCCLS laboratory standards. *Diagnostic Microbiology and Infectious Disease*, **2003**, 47, 303-11	2.9	23
25	In vitro activities of Daptomycin, Linezolid, and Quinupristin-Dalfopristin against a challenge panel of Staphylococci and Enterococci, including vancomycin-intermediate staphylococcus aureus and vancomycin-resistant Enterococcus faecium. *Microbial Drug Resistance*, **2003**, 9, 389-93	2.9	65
24	Infection with vancomycin-resistant Staphylococcus aureus containing the vanA resistance gene. *New England Journal of Medicine*, **2003**, 348, 1342-7	59.2	863
23	Epidemiological and microbiological characterization of infections caused by Staphylococcus aureus with reduced susceptibility to vancomycin, United States, 1997-2001. *Clinical Infectious Diseases*, **2003**, 36, 429-39	11.6	257
22	Optimization of computer software settings improves accuracy of pulsed-field gel electrophoresis macrorestriction fragment pattern analysis. *Journal of Clinical Microbiology*, **2003**, 41, 3035-42	9.7	51
21	Cell wall thickening is a common feature of vancomycin resistance in Staphylococcus aureus. *Journal of Clinical Microbiology*, **2003**, 41, 5-14	9.7	356
20	Investigation of bioterrorism-related anthrax, United States, 2001: epidemiologic findings. *Emerging Infectious Diseases*, **2002**, 8, 1019-28	10.2	501
19	Dissemination of new methicillin-resistant Staphylococcus aureus clones in the community. *Journal of Clinical Microbiology*, **2002**, 40, 4289-94	9.7	733
18	Mechanisms of decreased susceptibility to cefpodoxime in Escherichia coli. *Antimicrobial Agents and Chemotherapy*, **2002**, 46, 3829-36	5.9	66
17	Antimicrobial susceptibility testing of Bacillus anthracis: comparison of results obtained by using the National Committee for Clinical Laboratory Standards broth microdilution reference and Etest agar gradient diffusion methods. *Journal of Clinical Microbiology*, **2002**, 40, 1902-7	9.7	73
16	Vancomycin-resistant enterococci colonization in patients at seven hemodialysis centers. *Kidney International*, **2001**, 60, 1511-6	9.9	23
15	Ability of laboratories to detect emerging antimicrobial resistance: proficiency testing and quality control results from the World Health Organization's external quality assurance system for antimicrobial susceptibility testing. *Journal of Clinical Microbiology*, **2001**, 39, 241-50	9.7	83
14	Novel carbapenem-hydrolyzing beta-lactamase, KPC-1, from a carbapenem-resistant strain of Klebsiella pneumoniae. *Antimicrobial Agents and Chemotherapy*, **2001**, 45, 1151-61	5.9	1169
13	VRSA, VISA, and GISA: The dilemma behind the name game. *Clinical Microbiology Newsletter*, **2000**, 22, 49-53	1.1	11
12	Multicenter evaluation of epidemiological typing of methicillin-resistant Staphylococcus aureus strains by repetitive-element PCR analysis. The European Study Group on Epidemiological Markers of the ESCMID. *Journal of Clinical Microbiology*, **2000**, 38, 3527-33	9.7	69
11	Staphylococcus aureus with reduced susceptibility to vancomycin isolated from a patient with fatal bacteremia. *Emerging Infectious Diseases*, **1999**, 5, 147-9	10.2	124

10	Epidemics of diarrhea caused by a clindamycin-resistant strain of Clostridium difficile in four hospitals. *New England Journal of Medicine*, **1999**, 341, 1645-51	59.2	309
9	Emergence of vancomycin resistance in Staphylococcus aureus. Glycopeptide-Intermediate Staphylococcus aureus Working Group. *New England Journal of Medicine*, **1999**, 340, 493-501	59.2	913
8	Glycopeptide-intermediate Staphylococcus aureus: evaluation of a novel screening method and results of a survey of selected U.S. hospitals. *Journal of Clinical Microbiology*, **1999**, 37, 3590-3	9.7	56
7	Detection of Tn917-like sequences within a Tn916-like conjugative transposon (Tn3872) in erythromycin-resistant isolates of Streptococcus pneumoniae. *Antimicrobial Agents and Chemotherapy*, **1998**, 42, 2312-8	5.9	80
6	Characterization of staphylococci with reduced susceptibilities to vancomycin and other glycopeptides. *Journal of Clinical Microbiology*, **1998**, 36, 1020-7	9.7	298
5	How to Select and Interpret Molecular Strain Typing Methods for Epidemiological Studies of Bacterial Infections: A Review for Healthcare Epidemiologists. *Infection Control and Hospital Epidemiology*, **1997**, 18, 426-439	2	317
4	How to select and interpret molecular strain typing methods for epidemiological studies of bacterial infections: a review for healthcare epidemiologists. Molecular Typing Working Group of the Society for Healthcare Epidemiology of America. *Infection Control and Hospital Epidemiology*, **1997**, 18, 426-39	2	205
3	The Epidemiology of Staphylococcus Infections526-534		1
2	Emergence, Spread, and Extinction of Pathogenic Bacterial Clones185-195		
1	Heroes, Saints, and Microbes35-42		