

# Fred C Tenover

## List of Publications by Citations

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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	Pulsed-field gel electrophoresis typing of oxacillin-resistant <i>Staphylococcus aureus</i> isolates from the United States: establishing a national database. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 5113-20	9.7	1209
80	Novel carbapenem-hydrolyzing beta-lactamase, KPC-1, from a carbapenem-resistant strain of <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2001</b> , 45, 1151-61	5.9	1169
79	Emergence of vancomycin resistance in <i>Staphylococcus aureus</i> . Glycopeptide-Intermediate <i>Staphylococcus aureus</i> Working Group. <i>New England Journal of Medicine</i> , <b>1999</b> , 340, 493-501	59.2	913
78	Infection with vancomycin-resistant <i>Staphylococcus aureus</i> containing the vanA resistance gene. <i>New England Journal of Medicine</i> , <b>2003</b> , 348, 1342-7	59.2	863
77	Mechanisms of antimicrobial resistance in bacteria. <i>American Journal of Medicine</i> , <b>2006</b> , 119, S3-10; discussion S62-70	2.4	834
76	Dissemination of new methicillin-resistant <i>Staphylococcus aureus</i> clones in the community. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 4289-94	9.7	733
75	Genetic analysis of a high-level vancomycin-resistant isolate of <i>Staphylococcus aureus</i> . <i>Science</i> , <b>2003</b> , 302, 1569-71	33.3	671
74	A clone of methicillin-resistant <i>Staphylococcus aureus</i> among professional football players. <i>New England Journal of Medicine</i> , <b>2005</b> , 352, 468-75	59.2	626
73	Changes in the prevalence of nasal colonization with <i>Staphylococcus aureus</i> in the United States, 2001-2004. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 197, 1226-34	7	592
72	Investigation of bioterrorism-related anthrax, United States, 2001: epidemiologic findings. <i>Emerging Infectious Diseases</i> , <b>2002</b> , 8, 1019-28	10.2	501
71	Prevalence of <i>Staphylococcus aureus</i> nasal colonization in the United States, 2001-2002. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 193, 172-9	7	467
70	Characterization of a strain of community-associated methicillin-resistant <i>Staphylococcus aureus</i> widely disseminated in the United States. <i>Journal of Clinical Microbiology</i> , <b>2006</b> , 44, 108-18	9.7	408
69	Changes in the epidemiology of methicillin-resistant <i>Staphylococcus aureus</i> in intensive care units in US hospitals, 1992-2003. <i>Clinical Infectious Diseases</i> , <b>2006</b> , 42, 389-91	11.6	403
68	The rationale for revising the Clinical and Laboratory Standards Institute vancomycin minimal inhibitory concentration interpretive criteria for <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , <b>2007</b> , 44, 1208-15	11.6	356
67	Cell wall thickening is a common feature of vancomycin resistance in <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 5-14	9.7	356
66	How to Select and Interpret Molecular Strain Typing Methods for Epidemiological Studies of Bacterial Infections: A Review for Healthcare Epidemiologists. <i>Infection Control and Hospital Epidemiology</i> , <b>1997</b> , 18, 426-439	2	317
65	Methicillin-resistant <i>Staphylococcus aureus</i> strain USA300: origin and epidemiology. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2009</b> , 64, 441-6	5.1	315

64	Epidemics of diarrhea caused by a clindamycin-resistant strain of <i>Clostridium difficile</i> in four hospitals. <i>New England Journal of Medicine</i> , <b>1999</b> , 341, 1645-51	59.2	309
63	Emergence of multidrug-resistant, community-associated, methicillin-resistant <i>Staphylococcus aureus</i> clone USA300 in men who have sex with men. <i>Annals of Internal Medicine</i> , <b>2008</b> , 148, 249-57	8	300
62	Characterization of staphylococci with reduced susceptibilities to vancomycin and other glycopeptides. <i>Journal of Clinical Microbiology</i> , <b>1998</b> , 36, 1020-7	9.7	298
61	Epidemic community-associated methicillin-resistant <i>Staphylococcus aureus</i> : recent clonal expansion and diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 1327-32	11.5	292
60	Vancomycin-resistant <i>Staphylococcus aureus</i> isolate from a patient in Pennsylvania. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2004</b> , 48, 275-80	5.9	287
59	Risk factors for colonization with methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) in patients admitted to an urban hospital: emergence of community-associated MRSA nasal carriage. <i>Clinical Infectious Diseases</i> , <b>2005</b> , 41, 159-66	11.6	281
58	Mechanisms of antimicrobial resistance in bacteria. <i>American Journal of Infection Control</i> , <b>2006</b> , 34, S3-10; discussion S64-73	3.8	280
57	Epidemiological and microbiological characterization of infections caused by <i>Staphylococcus aureus</i> with reduced susceptibility to vancomycin, United States, 1997-2001. <i>Clinical Infectious Diseases</i> , <b>2003</b> , 36, 429-39	11.6	257
56	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. <i>Infection Control and Hospital Epidemiology</i> , <b>1997</b> , 18, 426-39	2	205
55	Characterization of blaKPC-containing <i>Klebsiella pneumoniae</i> isolates detected in different institutions in the Eastern USA. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2009</b> , 63, 427-37	5.1	176
54	Emergence of community-associated methicillin-resistant <i>Staphylococcus aureus</i> at a Memphis, Tennessee Children's Hospital. <i>Pediatric Infectious Disease Journal</i> , <b>2004</b> , 23, 619-24	3.4	163
53	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> and healthcare risk factors. <i>Emerging Infectious Diseases</i> , <b>2006</b> , 12, 1991-3	10.2	159
52	Carbapenem-resistant strain of <i>Klebsiella oxytoca</i> harboring carbapenem-hydrolyzing beta-lactamase KPC-2. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2003</b> , 47, 3881-9	5.9	159
51	Carbapenem resistance in <i>Klebsiella pneumoniae</i> not detected by automated susceptibility testing. <i>Emerging Infectious Diseases</i> , <b>2006</b> , 12, 1209-13	10.2	146
50	An association between reduced susceptibility to daptomycin and reduced susceptibility to vancomycin in <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , <b>2006</b> , 42, 1652-3	11.6	145
49	Results of disk diffusion testing with cefoxitin correlate with presence of <i>mecA</i> in <i>Staphylococcus</i> spp. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 3818-23	9.7	130
48	Emergence of blaKPC-containing <i>Klebsiella pneumoniae</i> in a long-term acute care hospital: a new challenge to our healthcare system. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2009</b> , 64, 1102-10	5.1	126
47	<i>Staphylococcus aureus</i> with reduced susceptibility to vancomycin isolated from a patient with fatal bacteremia. <i>Emerging Infectious Diseases</i> , <b>1999</b> , 5, 147-9	10.2	124

46	Vancomycin-resistant <i>Staphylococcus aureus</i> in the absence of vancomycin exposure. <i>Clinical Infectious Diseases</i> , <b>2004</b> , 38, 1049-55	11.6	120
45	Characterization of <i>Staphylococcus aureus</i> isolates from nasal cultures collected from individuals in the United States in 2001 to 2004. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 2837-41	9.7	97
44	Characterization of nasal and blood culture isolates of methicillin-resistant <i>Staphylococcus aureus</i> from patients in United States Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 1324-30	5.9	96
43	Epidemiologic distribution of the arginine catabolic mobile element among selected methicillin-resistant and methicillin-susceptible <i>Staphylococcus aureus</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 1981-4	9.7	93
42	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. <i>Journal of Clinical Microbiology</i> , <b>2001</b> , 39, 241-50	9.7	83
41	Detection of Tn917-like sequences within a Tn916-like conjugative transposon (Tn3872) in erythromycin-resistant isolates of <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>1998</b> , 42, 2312-8	5.9	80
40	Parallel Epidemics of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Infection in North and South America. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1874-82	7	75
39	Antimicrobial susceptibility testing of <i>Bacillus anthracis</i> : comparison of results obtained by using the National Committee for Clinical Laboratory Standards broth microdilution reference and Etest agar gradient diffusion methods. <i>Journal of Clinical Microbiology</i> , <b>2002</b> , 40, 1902-7	9.7	73
38	Multicenter evaluation of epidemiological typing of methicillin-resistant <i>Staphylococcus aureus</i> strains by repetitive-element PCR analysis. The European Study Group on Epidemiological Markers of the ESCMID. <i>Journal of Clinical Microbiology</i> , <b>2000</b> , 38, 3527-33	9.7	69
37	Trends in incidence of late-onset methicillin-resistant <i>Staphylococcus aureus</i> infection in neonatal intensive care units: data from the National Nosocomial Infections Surveillance System, 1995-2004. <i>Pediatric Infectious Disease Journal</i> , <b>2009</b> , 28, 577-81	3.4	67
36	Mechanisms of decreased susceptibility to cefpodoxime in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 3829-36	5.9	66
35	In vitro activities of Daptomycin, Linezolid, and Quinupristin-Dalfopristin against a challenge panel of <i>Staphylococci</i> and <i>Enterococci</i> , including vancomycin-intermediate <i>Staphylococcus aureus</i> and vancomycin-resistant <i>Enterococcus faecium</i> . <i>Microbial Drug Resistance</i> , <b>2003</b> , 9, 389-93	2.9	65
34	Comparison of typing results obtained for methicillin-resistant <i>Staphylococcus aureus</i> isolates with the DiversiLab system and pulsed-field gel electrophoresis. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 2452-7	9.7	61
33	Comparison of Tn1546-like elements in vancomycin-resistant <i>Staphylococcus aureus</i> isolates from Michigan and Pennsylvania. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 470-2	5.9	59
32	Complete nucleotide sequence analysis of plasmids in strains of <i>Staphylococcus aureus</i> clone USA300 reveals a high level of identity among isolates with closely related core genome sequences. <i>Journal of Clinical Microbiology</i> , <b>2010</b> , 48, 4504-11	9.7	56
31	Glycopeptide-intermediate <i>Staphylococcus aureus</i> : evaluation of a novel screening method and results of a survey of selected U.S. hospitals. <i>Journal of Clinical Microbiology</i> , <b>1999</b> , 37, 3590-3	9.7	56
30	Characterisation of a <i>Staphylococcus aureus</i> strain with progressive loss of susceptibility to vancomycin and daptomycin during therapy. <i>International Journal of Antimicrobial Agents</i> , <b>2009</b> , 33, 564-8	14.3	54
29	Multiple-locus variable-number tandem-repeat assay analysis of methicillin-resistant <i>Staphylococcus aureus</i> strains. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 2215-9	9.7	51

28	Optimization of computer software settings improves accuracy of pulsed-field gel electrophoresis macrorestriction fragment pattern analysis. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 3035-42	9.7	51
27	Antimicrobial susceptibility testing of carbapenems: multicenter validity testing and accuracy levels of five antimicrobial test methods for detecting resistance in Enterobacteriaceae and <i>Pseudomonas aeruginosa</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 351-8	9.7	44
26	Importance of bacterial burden among methicillin-resistant <i>Staphylococcus aureus</i> carriers in a long-term care facility. <i>Infection Control and Hospital Epidemiology</i> , <b>2008</b> , 29, 143-8	2	40
25	Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) nasal carriage in residents of Veterans Affairs long-term care facilities: role of antimicrobial exposure and MRSA acquisition. <i>Infection Control and Hospital Epidemiology</i> , <b>2012</b> , 33, 551-7	2	39
24	Overlapping population structures of nasal isolates of <i>Staphylococcus aureus</i> from healthy Dutch and American individuals. <i>Journal of Clinical Microbiology</i> , <b>2008</b> , 46, 235-41	9.7	39
23	Comparison of PCR assay to culture for surveillance detection of vancomycin-resistant enterococci. <i>Journal of Clinical Microbiology</i> , <b>2003</b> , 41, 4805-7	9.7	38
22	Rapid multiplex PCR assay for identification of USA300 community-associated methicillin-resistant <i>Staphylococcus aureus</i> isolates. <i>Journal of Clinical Microbiology</i> , <b>2007</b> , 45, 141-6	9.7	35
21	Identification of plasmid-mediated AmpC beta-lactamases in <i>Escherichia coli</i> , <i>Klebsiella</i> spp., and proteus species can potentially improve reporting of cephalosporin susceptibility testing results. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 294-9	9.7	32
20	Confronting bacterial resistance in healthcare settings: a crucial role for microbiologists. <i>Nature Reviews Microbiology</i> , <b>2004</b> , 2, 251-8	22.2	32
19	Range Expansion and the Origin of USA300 North American Epidemic Methicillin-Resistant. <i>MBio</i> , <b>2018</b> , 9,	7.8	26
18	Developing molecular amplification methods for rapid diagnosis of respiratory tract infections caused by bacterial pathogens. <i>Clinical Infectious Diseases</i> , <b>2011</b> , 52 Suppl 4, S338-45	11.6	26
17	Activity of ACHN-490 against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) isolates from patients in US hospitals. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 38, 352-4	14.3	25
16	Vancomycin-resistant <i>Staphylococcus aureus</i> : a perfect but geographically limited storm?. <i>Clinical Infectious Diseases</i> , <b>2008</b> , 46, 675-7	11.6	25
15	Antimicrobial proficiency testing of National Nosocomial Infections Surveillance System hospital laboratories. <i>Infection Control and Hospital Epidemiology</i> , <b>2003</b> , 24, 356-61	2	24
14	Detection of antimicrobial resistance by small rural hospital microbiology laboratories: comparison of survey responses with current NCCLS laboratory standards. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2003</b> , 47, 303-11	2.9	23
13	Vancomycin-resistant enterococci colonization in patients at seven hemodialysis centers. <i>Kidney International</i> , <b>2001</b> , 60, 1511-6	9.9	23
12	Continued expansion of USA300-like methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) among hospitalized patients in the United States. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2017</b> , 88, 342-347	2.9	19
11	The real vancomycin-resistant <i>Staphylococcus aureus</i> has arrived. <i>Clinical Microbiology Newsletter</i> , <b>2005</b> , 27, 35-40	1.1	13

10	Community-associated methicillin-resistant <i>Staphylococcus aureus</i> : It's not just in communities anymore. <i>Clinical Microbiology Newsletter</i> , <b>2006</b> , 28, 33-36	1.1	11
9	VRSA, VISA, and GISA: The dilemma behind the name game. <i>Clinical Microbiology Newsletter</i> , <b>2000</b> , 22, 49-53	1.1	11
8	Strains with Chromosomal Deletions Evade Detection with Molecular Methods. <i>Journal of Clinical Microbiology</i> , <b>2019</b> , 57,	9.7	10
7	Prospective study of the feasibility of point-of-care testing strategy for carbapenem-resistant organism detection. <i>Endoscopy International Open</i> , <b>2018</b> , 6, E58-E63	3	3
6	The Epidemiology of Bacterial Resistance to Antimicrobial Agents <b>2009</b> , 91-104		1
5	The Epidemiology of <i>Staphylococcus</i> Infections 526-534		1
4	Antimicrobial Susceptibility Testing Methods for Bacterial Pathogens <b>2009</b> , 1151-1159		1
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