Paul D Fey

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7631188/publications.pdf

Version: 2024-02-01

114 papers	11,386 citations	50276 46 h-index	30087 103 g-index
118 all docs	118 docs citations	118 times ranked	13046 citing authors

#	Article	IF	Citations
1	Management of Adults With Hospital-acquired and Ventilator-associated Pneumonia: 2016 Clinical Practice Guidelines by the Infectious Diseases Society of America and the American Thoracic Society. Clinical Infectious Diseases, 2016, 63, e61-e111.	5.8	2,405
2	A Genetic Resource for Rapid and Comprehensive Phenotype Screening of Nonessential Staphylococcus aureus Genes. MBio, 2013, 4, e00537-12.	4.1	718
3	Ceftriaxone-Resistant Salmonella Infection Acquired by a Child from Cattle. New England Journal of Medicine, 2000, 342, 1242-1249.	27.0	481
4	Multicenter Evaluation of the BioFire FilmArray Gastrointestinal Panel for Etiologic Diagnosis of Infectious Gastroenteritis. Journal of Clinical Microbiology, 2015, 53, 915-925.	3.9	410
5	Current concepts in biofilm formation of Staphylococcus epidermidis. Future Microbiology, 2010, 5, 917-933.	2.0	360
6	Coagulase-Negative Staphylococcal Infections. Infectious Disease Clinics of North America, 2009, 23, 73-98.	5.1	338
7	Executive Summary: Management of Adults With Hospital-acquired and Ventilator-associated Pneumonia: 2016 Clinical Practice Guidelines by the Infectious Diseases Society of America and the American Thoracic Society. Clinical Infectious Diseases, 2016, 63, 575-582.	5.8	334
8	Comparative Molecular Analysis of Community- or Hospital-Acquired Methicillin-Resistant Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2003, 47, 196-203.	3.2	301
9	Extended Spectrum ??-Lactamase (ESBL)-Producing Enterobacteriaceae. Drugs, 2003, 63, 353-365.	10.9	293
10	Characterization of the Importance of Polysaccharide Intercellular Adhesin/Hemagglutinin of Staphylococcus epidermidis in the Pathogenesis of Biomaterial-Based Infection in a Mouse Foreign Body Infection Model. Infection and Immunity, 1999, 67, 2627-2632.	2.2	265
11	Methicillin Resistance Alters the Biofilm Phenotype and Attenuates Virulence in Staphylococcus aureus Device-Associated Infections. PLoS Pathogens, 2012, 8, e1002626.	4.7	237
12	Effect of silver-coated urinary catheters: Efficacy, cost-effectiveness, and antimicrobial resistance. American Journal of Infection Control, 2004, 32, 445-450.	2.3	229
13	Characterization of the Importance ofStaphylococcus epidermidisAutolysin and Polysaccharide Intercellular Adhesin in the Pathogenesis of Intravascular Catheterâ€“Associated Infection in a Rat Model. Journal of Infectious Diseases, 2001, 183, 1038-1042.	4.0	215
14	Characterization of Staphylococcus epidermidis Polysaccharide Intercellular Adhesin/Hemagglutinin in the Pathogenesis of Intravascular Catheter-Associated Infection in a Rat Model. Infection and Immunity, 1999, 67, 2656-2659.	2.2	214
15	Predicting the virulence of MRSA from its genome sequence. Genome Research, 2014, 24, 839-849.	5.5	210
16	Genetic Tools To Enhance the Study of Gene Function and Regulation in Staphylococcus aureus. Applied and Environmental Microbiology, 2013, 79, 2218-2224.	3.1	176
17	Association Between Vancomycin Minimum Inhibitory Concentration and Mortality Among Patients WithStaphylococcus aureusBloodstream Infections. JAMA - Journal of the American Medical Association, 2014, 312, 1552.	7.4	152
18	Identification of Common Subpopulations of Non-Sorbitol-Fermenting, Î²-Glucuronidase-Negative Escherichia coli O157:H7 from Bovine Production Environments and Human Clinical Samples. Applied and Environmental Microbiology, 2004, 70, 6846-6854.	3.1	148

#	Article	IF	Citations
19	What Is the Efficacy and Safety of Colistin for the Treatment of Ventilator-Associated Pneumonia? A Systematic Review and Meta-Regression. Clinical Infectious Diseases, 2012, 54, 670-680.	5.8	136
20	Amino Acid Catabolism in Staphylococcus aureus and the Function of Carbon Catabolite Repression. MBio, 2017, 8, .	4.1	136
21	Outbreak of Bloodstream Infection Temporally Associated with the Use of an Intravascular Needleless Valve. Clinical Infectious Diseases, 2007, 44, 1408-1414.	5.8	130
22	Staphylococcus aureus Biofilms Induce Macrophage Dysfunction Through Leukocidin AB and Alpha-Toxin. MBio, 2015, 6, .	4.1	130
23	Cell Wall Thickening Is Not a Universal Accompaniment of the Daptomycin Nonsusceptibility Phenotype in Staphylococcus aureus : Evidence for Multiple Resistance Mechanisms. Antimicrobial Agents and Chemotherapy, 2010, 54, 3079-3085.	3.2	128
24	Staphylococcus aureus Biofilm Metabolism and the Influence of Arginine on Polysaccharide Intercellular Adhesin Synthesis, Biofilm Formation, and Pathogenesis. Infection and Immunity, 2007, 75, 4219-4226.	2.2	123
25	Clonal Analysis of Staphylococcus epidermidis Isolates Carrying or Lacking Biofilm-Mediating Genes by Multilocus Sequence Typing. Journal of Clinical Microbiology, 2005, 43, 4751-4757.	3.9	122
26	Prevalence of Non-O157:H7 Shiga Toxin-Producing Escherichia coli in Diarrheal Stool Samples from Nebraska. Emerging Infectious Diseases, 2000, 6, 530-533.	4.3	118
27	Evaluation of Vancomycin and Daptomycin Potency Trends (MIC Creep) against Methicillin-Resistant Staphylococcus aureus Isolates Collected in Nine U.S. Medical Centers from 2002 to 2006. Antimicrobial Agents and Chemotherapy, 2009, 53, 4127-4132.	3.2	113
28	Accumulation-Associated Protein Enhances Staphylococcus epidermidis Biofilm Formation under Dynamic Conditions and Is Required for Infection in a Rat Catheter Model. Infection and Immunity, 2015, 83, 214-226.	2.2	109
29	Staphylococcus epidermidis agr Quorum-Sensing System: Signal Identification, Cross Talk, and Importance in Colonization. Journal of Bacteriology, 2014, 196, 3482-3493.	2.2	101
30	Modality of bacterial growth presents unique targets: how do we treat biofilm-mediated infections?. Current Opinion in Microbiology, 2010, 13, 610-615.	5.1	99
31	A Staphylococcal GGDEF Domain Protein Regulates Biofilm Formation Independently of Cyclic Dimeric GMP. Journal of Bacteriology, 2008, 190, 5178-5189.	2.2	95
32	Use of Microfluidic Technology To Analyze Gene Expression during Staphylococcus aureus Biofilm Formation Reveals Distinct Physiological Niches. Applied and Environmental Microbiology, 2013, 79, 3413-3424.	3.1	93
33	CcpA Regulates Arginine Biosynthesis in Staphylococcus aureus through Repression of Proline Catabolism. PLoS Pathogens, 2012, 8, e1003033.	4.7	91
34	Implementation and performance of the BioFire FilmArrayÂ® Blood Culture Identification panel with antimicrobial treatment recommendations for bloodstream infections at a midwestern academic tertiary hospital. Diagnostic Microbiology and Infectious Disease, 2015, 81, 96-101.	1.8	88
35	Daptomycin non-susceptible meticillin-resistant Staphylococcus aureus USA 300 isolate. Journal of Medical Microbiology, 2008, 57, 1036-1038.	1.8	83
36	Arginine Deiminase in Staphylococcus epidermidis Functions To Augment Biofilm Maturation through pH Homeostasis. Journal of Bacteriology, 2014, 196, 2277-2289.	2.2	82

#	Article	IF	Citations
37	Urease is an essential component of the acid response network of Staphylococcus aureus and is required for a persistent murine kidney infection. PLoS Pathogens, 2019, 15, e1007538.	4.7	82
38	Tricarboxylic Acid Cycle-Dependent Regulation of Staphylococcus epidermidis Polysaccharide Intercellular Adhesin Synthesis. Journal of Bacteriology, 2008, 190, 7621-7632.	2.2	73
39	Tricarboxylic Acid Cycle-Dependent Attenuation of Staphylococcus aureus In Vivo Virulence by Selective Inhibition of Amino Acid Transport. Infection and Immunity, 2009, 77, 4256-4264.	2.2	66
40	The intercellular adhesin locus ica is present in clinical isolates of Staphylococcus aureus from bacteremic patients with infected and uninfected prosthetic joints. Medical Microbiology and Immunology, 2001, 189, 127-131.	4.8	64
41	The <scp>Ktr</scp> potassium transport system in <scp>S</scp>taphylococcus aureus and its role in cell physiology, antimicrobial resistance and pathogenesis. Molecular Microbiology, 2013, 89, 760-773.	2.5	61
42	Clinical evaluation of the BioFireÂ® Respiratory Panel 2.1 and detection of SARS-CoV-2. Journal of Clinical Virology, 2020, 129, 104538.	3.1	60
43	The metalloprotease <scp>S</scp>ep<scp>A</scp> governs processing of accumulationâ€associated protein and shapes intercellular adhesive surface properties in <scp>S</scp>taphylococcus epidermidis. Molecular Microbiology, 2017, 103, 860-874.	2.5	50
44	Outbreak of Vancomycin-ResistantEnterococcus faeciumin a Neonatal Intensive Care Unit. Infection Control and Hospital Epidemiology, 2001, 22, 301-303.	1.8	49
45	Role for the A Domain of Unprocessed Accumulation-Associated Protein (Aap) in the Attachment Phase of the Staphylococcus epidermidis Biofilm Phenotype. Journal of Bacteriology, 2014, 196, 4268-4275.	2.2	49
46	Effect of LY333328 against vancomycin-resistant Enterococcus faecium in a rat central venous catheter-associated infection model. Journal of Antimicrobial Chemotherapy, 2001, 47, 705-707.	3.0	48
47	A Dysfunctional Tricarboxylic Acid Cycle Enhances Fitness of Staphylococcus epidermidis During Î²-Lactam Stress. MBio, 2013, 4, .	4.1	48
48	KPC-4 Is Encoded within a Truncated Tn4401in an IncL/M Plasmid, pNE1280, Isolated from Enterobacter cloacae and Serratia marcescens. Antimicrobial Agents and Chemotherapy, 2013, 57, 37-41.	3.2	48
49	Complete Genome Sequence of Francisella tularensis Subspecies holarctica FTNF002-00. PLoS ONE, 2009, 4, e7041.	2.5	47
50	Molecular Surveillance Identifies Multiple Transmissions of Typhoid in West Africa. PLoS Neglected Tropical Diseases, 2016, 10, e0004781.	3.0	46
51	SalmonellaBacteremia Among Children in Central and Northwest Nigeria, 2008â€“2015. Clinical Infectious Diseases, 2015, 61, S325-S331.	5.8	44
52	Rifampicin enhances activity of daptomycin and vancomycin against both a polysaccharide intercellular adhesin (PIA)-dependent and -independent Staphylococcus epidermidis biofilm. Journal of Antimicrobial Chemotherapy, 2010, 65, 2164-2171.	3.0	42
53	Range Expansion and the Origin of USA300 North American Epidemic Methicillin-Resistant Staphylococcus aureus. MBio, 2018, 9, .	4.1	42
54	Vancomycin-Intermediate Staphylococcus aureus Strains Have Impaired Acetate Catabolism: Implications for Polysaccharide Intercellular Adhesin Synthesis and Autolysis. Antimicrobial Agents and Chemotherapy, 2007, 51, 616-622.	3.2	41

#	Article	IF	Citations
55	Adequate Disinfection of a Split-Septum Needleless Intravascular Connector with a 5-Second Alcohol Scrub. Infection Control and Hospital Epidemiology, 2012, 33, 661-665.	1.8	41
56	Safety Considerations in the Laboratory Testing of Specimens Suspected or Known to Contain Ebola Virus. American Journal of Clinical Pathology, 2015, 143, 4-5.	0.7	40
57	Versatility of Biofilm Matrix Molecules in Staphylococcus epidermidis Clinical Isolates and Importance of Polysaccharide Intercellular Adhesin Expression during High Shear Stress. MSphere, 2016, 1, .	2.9	39
58	Automated Real-Time Collection of Pathogen-Specific Diagnostic Data: Syndromic Infectious Disease Epidemiology. JMIR Public Health and Surveillance, 2018, 4, e59.	2.6	39
59	Comparison of FilmArray and Quantitative Real-Time Reverse Transcriptase PCR for Detection of Zaire Ebolavirus from Contrived and Clinical Specimens. Journal of Clinical Microbiology, 2015, 53, 2956-2960.	3.9	35
60	Vancomycin Susceptibility Trends and Prevalence of Heterogeneous Vancomycin-Intermediate Staphylococcus aureus in Clinical Methicillin-Resistant S. aureus Isolates. Journal of Clinical Microbiology, 2011, 49, 269-274.	3.9	34
61	The conserved regulatory RNA RsaE down-regulates the arginine degradation pathway in Staphylococcus aureus. Nucleic Acids Research, 2018, 46, 8803-8816.	14.5	34
62	Î²-Lactam Resistance andEnterobacteriaceae, United States. Emerging Infectious Diseases, 2005, 11, 1464-1466.	4.3	31
63	Nitrite Derived from Endogenous Bacterial Nitric Oxide Synthase Activity Promotes Aerobic Respiration. MBio, 2017, 8, .	4.1	31
64	Protease-Mediated Growth of Staphylococcus aureus on Host Proteins Is opp3 Dependent. MBio, 2019, 10, .	4.1	31
65	Yield Improvement of the Anti-MRSA Antibiotics WAP-8294A by CRISPR/dCas9 Combined with Refactoring Self-Protection Genes in Lysobacter enzymogenes OH11. ACS Synthetic Biology, 2018, 7, 258-266.	3.8	30
66	Francisella tularensisBacteria Associated with Feline Tularemia in the United States. Emerging Infectious Diseases, 2014, 20, 2068-71.	4.3	28
67	An 18 kDa Scaffold Protein Is Critical for Staphylococcus epidermidis Biofilm Formation. PLoS Pathogens, 2015, 11, e1004735.	4.7	28
68	Identification of the main glutamine and glutamate transporters in Staphylococcus aureus and their impact on câ€diâ€AMP production. Molecular Microbiology, 2020, 113, 1085-1100.	2.5	27
69	The acid response network of Staphylococcus aureus. Current Opinion in Microbiology, 2020, 55, 67-73.	5.1	27
70	[19] In Vivo Models to evaluate adhesion and biofilm formation by staphylococcus epidermidis. Methods in Enzymology, 2001, 336, 206-215.	1.0	26
71	AraC-Type Regulator Rbf Controls the Staphylococcus epidermidis Biofilm Phenotype by Negatively Regulating the icaADBC Repressor SarR. Journal of Bacteriology, 2016, 198, 2914-2924.	2.2	25
72	Impaired Alanine Transport or Exposure to d-Cycloserine Increases the Susceptibility of MRSA to Î²-lactam Antibiotics. Journal of Infectious Diseases, 2020, 221, 1000-1016.	4.0	25

#	Article	IF	Citations
73	Staphylococcus aureus ATP Synthase Promotes Biofilm Persistence by Influencing Innate Immunity. MBio, 2020, 11, .	4.1	25
74	Expanding the Coverage of the Metabolome with Nitrogen-Based NMR. Analytical Chemistry, 2018, 90, 4521-4528.	6.5	23
75	Implications of Culture-Independent Panel-Based Detection of Cyclospora cayetanensis. Journal of Clinical Microbiology, 2013, 51, 3909-3909.	3.9	21
76	Complete Genome Sequence of Staphylococcus epidermidis 1457. Genome Announcements, 2017, 5, .	0.8	21
77	Antimicrobial Activities and Postantibiotic Effects of Clarithromycin, 14-Hydroxy-Clarithromycin, and Azithromycin in Epithelial Cell Lining Fluid against Clinical Isolates ofHaemophilus influenzaeandStreptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 1999, 43, 1291-1293.	3.2	18
78	Resistance to Acute Macrophage Killing Promotes Airway Fitness of Prevalent Community-Acquired Staphylococcus aureus Strains. Journal of Immunology, 2016, 196, 4196-4203.	0.8	18
79	Evaluation of the bacterial burden of gel nails, standard nail polish, and natural nails on the hands of health care workers. American Journal of Infection Control, 2018, 46, 1356-1359.	2.3	18
80	Glycan-Dependent Corneocyte Adherence of Staphylococcus epidermidis Mediated by the Lectin Subdomain of Aap. MBio, 2021, 12, e0290820.	4.1	18
81	Accumulation of Succinyl Coenzyme A Perturbs the Methicillin-Resistant Staphylococcus aureus (MRSA) Succinylome and Is Associated with Increased Susceptibility to Beta-Lactam Antibiotics. MBio, 2021, 12, e0053021.	4.1	16
82	Staphylococcus epidermidis and Other Coagulase-Negative Staphylococci. , 2015, , 2272-2282.e5.		15
83	The major autolysin is redundant forStaphylococcus aureusUSA300 LAC JE2 virulence in a murine device-related infection model. FEMS Microbiology Letters, 2016, 363, fnw087.	1.8	15
84	Determination of the Chromosomal Relationship between mecA and gyrA in Methicillin-Resistant Coagulase-Negative Staphylococci. Antimicrobial Agents and Chemotherapy, 1998, 42, 306-312.	3.2	15
85	Infection Control Experience in a Cooperative Care Center for Transplant Patients. Infection Control and Hospital Epidemiology, 2008, 29, 424-429.	1.8	12
86	Large Direct Repeats Flank Genomic Rearrangements between a New Clinical Isolate of Francisella tularensis subsp. tularensis A1 and Schu S4. PLoS ONE, 2010, 5, e9007.	2.5	12
87	Effect of Clinical Variables on the Volume of Blood Collected for Blood Cultures in an Adult Patient Population. Infection Control and Hospital Epidemiology, 2017, 38, 1493-1497.	1.8	12
88	Microbial colonization of intravascular catheter connectors in hospitalized patients. American Journal of Infection Control, 2019, 47, 1489-1492.	2.3	12
89	An integrated computational and experimental study to investigate Staphylococcus aureus metabolism. Npj Systems Biology and Applications, 2020, 6, 3.	3.0	12
90	In vitro activities of parenteral beta-lactam antimicrobials against TEM-10-, TEM-26- and SHV-5-derived extended-spectrum beta-lactamases expressed in an isogenic Escherichia coli host. Journal of Antimicrobial Chemotherapy, 2000, 46, 461-464.	3.0	11

#	Article	IF	Citations
91	Hardwiring diagnostic stewardship using electronic ordering restrictions for gastrointestinal pathogen testing. Infection Control and Hospital Epidemiology, 2019, 40, 668-673.	1.8	11
92	Catabolic Ornithine Carbamoyltransferase Activity Facilitates Growth of Staphylococcus aureus in Defined Medium Lacking Glucose and Arginine. MBio, 2022, 13, e0039522.	4.1	9
93	Molecular epidemiology in the public health and hospital environments. Clinics in Laboratory Medicine, 2003, 23, 885-901.	1.4	8
94	Francisella tularensis Subtype A.II Genomic Plasticity in Comparison with Subtype A.I. PLoS ONE, 2015, 10, e0124906.	2.5	8
95	Susceptibility of Nosocomial Staphylococcus aureus to Chlorhexidine After Implementation of a Hospital-wide Antiseptic Bathing Regimen. Infection Control and Hospital Epidemiology, 2017, 38, 873-875.	1.8	8
96	Methods to Generate a Sequence-Defined Transposon Mutant Library in Staphylococcus epidermidis Strain 1457. Methods in Molecular Biology, 2014, 1106, 135-142.	0.9	8
97	Pulsed Field Gel Electrophoresis of Staphylococcus epidermidis. Methods in Molecular Biology, 2014, 1106, 55-60.	0.9	7
98	Evaluation of Vancomycin and Daptomycin Potency Trends (MIC Creep) against Methicillin-Resistant Staphylococcus aureus Isolates Collected in Nine U.S. Medical Centers from 2002 to 2006. Antimicrobial Agents and Chemotherapy, 2010, 54, 1383-1383.	3.2	6
99	Nontyphoidal Salmonella enterica Nonsusceptible to Both Levofloxacin and Ceftriaxone in Nebraska, United States 2014â€“2015. Foodborne Pathogens and Disease, 2018, 15, 235-238.	1.8	6
100	Generation of a Transposon Mutant Library in Staphylococcus aureus and Staphylococcus epidermidis Using bursa aurealis. Methods in Molecular Biology, 2014, 1373, 103-110.	0.9	5
101	First Records of Established Populations of Ixodes scapularis (Acari: Ixodidae) Collected From Three Nebraska Counties. Journal of Medical Entomology, 2020, 57, 939-941.	1.8	5
102	Utility of repeat testing for COVID-19: Laboratory stewardship when the stakes are high. Infection Control and Hospital Epidemiology, 2021, 42, 338-340.	1.8	4
103	Take my breath away. ELife, 2017, 6, .	6.0	4
104	291. Effect of Previous Antibiotic Exposure on the Yield of Bone Biopsy Culture in Patients With Osteomyelitis. Open Forum Infectious Diseases, 2018, 5, S119-S120.	0.9	2
105	Construction of a Sequence-Defined Transposon Mutant Library in Staphylococcus aureus. Methods in Molecular Biology, 2019, 2016, 29-37.	0.9	2
106	Whole-Genome Sequences of Staphylococcus aureus Isolates from Positive Blood Cultures. Microbiology Resource Announcements, 2021, 10, e0089821.	0.6	1
107	Prolonged severe acute respiratory coronavirus virus 2 (SARS-CoV-2) viral shedding in lower-respiratory specimens of critically ill patients does not correlate with nasopharyngeal swab results. Infection Control and Hospital Epidemiology, 2023, 44, 678-679.	1.8	1
108	Conjugative Transfer in Staphylococcus aureus. Methods in Molecular Biology, 2015, 1373, 83-87.	0.9	0

#	Article	IF	Citations
109	Implementation of an Instantaneous Pathogen Specific Surveillance System. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
110	Susceptibility of Nosocomial Staphylococcus aureus to Chlorhexidine After Implementation of a Hospital-Wide Antiseptic Bathing Regimen. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
111	Microbial Colonization of an Intravascular Catheter Connector in Hospitalized Patients With Active Intravenous Infusions. Open Forum Infectious Diseases, 2016, 3, .	0.9	0
112	1095. The Value of Hardwiring Diagnostic Stewardship in the Electronic Health Record: Electronic Ordering Restrictions for PCR-Based Rapid Diagnostic Testing of Diarrheal Illnesses. Open Forum Infectious Diseases, 2018, 5, S328-S328.	0.9	0
113	2686. strong›Bloodstream Infection Survey in High-Risk Oncology Patients (BISHOP) with Fever and Neutropenia (FN): Viridans Group Streptococcus Emerges as an Important Pathogen. Open Forum Infectious Diseases, 2019, 6, S943-S944.	0.9	0
114	Î²-Lactam Resistance andEnterobacteriaceae, United States. Emerging Infectious Diseases, 2005, 12, 1464-1466.	4.3	0