

# George Sakoulas

## List of Publications by Citations

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92  
papers

3,322  
citations

33  
h-index

56  
g-index

138  
ext. papers

3,950  
ext. citations

6.2  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
92	Induction of daptomycin heterogeneous susceptibility in <i>Staphylococcus aureus</i> by exposure to vancomycin. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1581-5	5.9	226
91	Use of antistaphylococcal beta-lactams to increase daptomycin activity in eradicating persistent bacteremia due to methicillin-resistant <i>Staphylococcus aureus</i> : role of enhanced daptomycin binding. <i>Clinical Infectious Diseases</i> , 2011, 53, 158-63	11.6	197
90	Comparative effectiveness of nafcillin or cefazolin versus vancomycin in methicillin-susceptible <i>Staphylococcus aureus</i> bacteremia. <i>BMC Infectious Diseases</i> , 2011, 11, 279	4	169
89	Azithromycin Synergizes with Cationic Antimicrobial Peptides to Exert Bactericidal and Therapeutic Activity Against Highly Multidrug-Resistant Gram-Negative Bacterial Pathogens. <i>EBioMedicine</i> , 2015, 2, 690-8	8.8	148
88	Reduced susceptibility of <i>Staphylococcus aureus</i> to vancomycin and platelet microbicidal protein correlates with defective autolysis and loss of accessory gene regulator (agr) function. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2687-92	5.9	144
87	Perspectives on Daptomycin resistance, with emphasis on resistance in <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , 2007, 45, 601-8	11.6	142
86	Ampicillin enhances daptomycin- and cationic host defense peptide-mediated killing of ampicillin- and vancomycin-resistant <i>Enterococcus faecium</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 838-49	5.9	132
85	Adaptation of methicillin-resistant <i>Staphylococcus aureus</i> in the face of vancomycin therapy. <i>Clinical Infectious Diseases</i> , 2006, 42 Suppl 1, S40-50	11.6	125
84	Antimicrobial salvage therapy for persistent staphylococcal bacteremia using daptomycin plus ceftaroline. <i>Clinical Therapeutics</i> , 2014, 36, 1317-33	3.5	118
83	High-dose daptomycin for treatment of complicated gram-positive infections: a large, multicenter, retrospective study. <i>Pharmacotherapy</i> , 2011, 31, 527-36	5.8	112
82	Nafcillin enhances innate immune-mediated killing of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Molecular Medicine</i> , 2014, 92, 139-49	5.5	93
81	637. $\beta$ -Lactam (BL) Antibiotics Promote an IL-1 $\beta$ Response in Patients with <i>Staphylococcus aureus</i> Bacteremia (SaB). <i>Open Forum Infectious Diseases</i> , 2018, 5, S232-S232	1	78
80	2390. Avibactam Sensitizes NDM <i>Klebsiella pneumoniae</i> to Innate Immune Killing by Human Cathelicidin LL-37, Serum, Neutrophils, and Platelets. <i>Open Forum Infectious Diseases</i> , 2018, 5, S712-S713	1	78
79	Clinical Data on Daptomycin plus Ceftaroline versus Standard of Care Monotherapy in the Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63,	5.9	76
78	Elevated serum interleukin-10 at time of hospital admission is predictive of mortality in patients with <i>Staphylococcus aureus</i> bacteremia. <i>Journal of Infectious Diseases</i> , 2012, 206, 1604-11	7	76
77	$\beta$ -Lactam combinations with daptomycin provide synergy against vancomycin-resistant <i>Enterococcus faecalis</i> and <i>Enterococcus faecium</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1738-43	5.1	75
76	Daptomycin nonsusceptibility in <i>Staphylococcus aureus</i> with reduced vancomycin susceptibility is independent of alterations in MprF. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2223-5	5.9	68

75	Ceftaroline restores daptomycin activity against daptomycin-nonsusceptible vancomycin-resistant Enterococcus faecium. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1494-500	5.9	67
74	Novel bacterial metabolite merochlorin A demonstrates in vitro activity against multi-drug resistant methicillin-resistant <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2012, 7, e29439	3.7	58
73	Treatment of high-level gentamicin-resistant <i>Enterococcus faecalis</i> endocarditis with daptomycin plus ceftaroline. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4042-5	5.9	50
72	When sepsis persists: a review of MRSA bacteraemia salvage therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 576-86	5.1	47
71	Daptomycin in combination with other antibiotics for the treatment of complicated methicillin-resistant <i>Staphylococcus aureus</i> bacteremia. <i>Clinical Therapeutics</i> , 2014, 36, 1303-16	3.5	47
70	Heterogeneity of mprF sequences in methicillin-resistant <i>Staphylococcus aureus</i> clinical isolates: role in cross-resistance between daptomycin and host defense antimicrobial peptides. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7462-7	5.9	47
69	Avoiding the perfect storm: the biologic and clinical case for reevaluating the 7-day expectation for methicillin-resistant <i>Staphylococcus aureus</i> bacteremia before switching therapy. <i>Clinical Infectious Diseases</i> , 2014, 59, 1455-61	11.6	45
68	Evaluation of the novel combination of daptomycin plus ceftriaxone against vancomycin-resistant enterococci in an in vitro pharmacokinetic/pharmacodynamic simulated endocardial vegetation model. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2148-54	5.1	45
67	Clinical outcomes of patients receiving daptomycin for the treatment of <i>Staphylococcus aureus</i> infections and assessment of clinical factors for daptomycin failure: a retrospective cohort study utilizing the Cubicin Outcomes Registry and Experience. <i>Clinical Therapeutics</i> , 2009, 31, 1936-45	3.5	44
66	Evaluation of endocarditis caused by methicillin-susceptible <i>Staphylococcus aureus</i> developing nonsusceptibility to daptomycin. <i>Journal of Clinical Microbiology</i> , 2008, 46, 220-4	9.7	41
65	Daptomycin in the treatment of bacteremia. <i>American Journal of Medicine</i> , 2007, 120, S21-7	2.4	41
64	Penicillin Binding Protein 1 Is Important in the Compensatory Response of <i>Staphylococcus aureus</i> to Daptomycin-Induced Membrane Damage and Is a Potential Target for $\beta$ -Lactam-Daptomycin Synergy. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 451-8	5.9	38
63	Standard susceptibility testing overlooks potent azithromycin activity and cationic peptide synergy against MDR <i>Stenotrophomonas maltophilia</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1264-9	5.1	36
62	Potent synergy of ceftobiprole plus daptomycin against multiple strains of <i>Staphylococcus aureus</i> with various resistance phenotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3006-10	5.1	36
61	In vitro activity of daptomycin in combination with $\beta$ -lactams, gentamicin, rifampin, and tigecycline against daptomycin-nonsusceptible enterococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4279-88	5.9	36
60	Vancomycin plus ceftaroline shows potent in vitro synergy and was successfully utilized to clear persistent daptomycin-non-susceptible MRSA bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 311-3	5.1	34
59	Increased Endovascular <i>Staphylococcus aureus</i> Inoculum Is the Link Between Elevated Serum Interleukin 10 Concentrations and Mortality in Patients With Bacteremia. <i>Clinical Infectious Diseases</i> , 2017, 64, 1406-1412	11.6	32
58	Efficacy of ceftolozane/tazobactam versus levofloxacin in the treatment of complicated urinary tract infections (cUTIs) caused by levofloxacin-resistant pathogens: results from the ASPECT-cUTI trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2014-21	5.1	30

57	Multicenter Cohort of Patients With Methicillin-Resistant Bacteremia Receiving Daptomycin Plus Ceftaroline Compared With Other MRSA Treatments. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofz538	1	30
56	Clinical Outcomes of Daptomycin for Vancomycin-resistant Enterococcus Bacteremia. <i>Clinical Therapeutics</i> , <b>2015</b> , 37, 1443-1453.e2	3.5	28
55	Heterogeneity of genetic pathways toward daptomycin nonsusceptibility in <i>Staphylococcus aureus</i> determined by adjunctive antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 2799-806	5.9	25
54	Mortality Risk Profiling of <i>Staphylococcus aureus</i> Bacteremia by Multi-omic Serum Analysis Reveals Early Predictive and Pathogenic Signatures. <i>Cell</i> , <b>2020</b> , 182, 1311-1327.e14	56.2	22
53	Intravenous Immunoglobulin Plus Methylprednisolone Mitigate Respiratory Morbidity in Coronavirus Disease 2019 <b>2020</b> , 2, e0280		20
52	Interaction of Antibiotics with Innate Host Defense Factors against Serotype Newport. <i>MSphere</i> , <b>2017</b> , 2,	5	20
51	Cefazolin and Ertapenem, a Synergistic Combination Used To Clear Persistent <i>Staphylococcus aureus</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6609-6618	5.9	19
50	Omadacycline for Acute Bacterial Skin and Skin Structure Infections. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 69, S23-S32	11.6	19
49	Agranulocytosis with ceftaroline high-dose monotherapy or combination therapy with clindamycin. <i>Pharmacotherapy</i> , <b>2015</b> , 35, 608-12	5.8	19
48	Is a Reported Penicillin Allergy Sufficient Grounds to Forgo the Multidimensional Antimicrobial Benefits of $\beta$ -Lactam Antibiotics?. <i>Clinical Infectious Diseases</i> , <b>2019</b> , 68, 157-164	11.6	18
47	Examining the use of ceftaroline in the treatment of <i>Streptococcus pneumoniae</i> meningitis with reference to human cathelicidin LL-37. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 2428-31	5.9	14
46	Surprising synergy of dual translation inhibition vs. <i>Acinetobacter baumannii</i> and other multidrug-resistant bacterial pathogens. <i>EBioMedicine</i> , <b>2019</b> , 46, 193-201	8.8	13
45	Evidence To Support Continuation of Statin Therapy in Patients with <i>Staphylococcus aureus</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	12
44	<i>Listeria monocytogenes</i> endocarditis: case report, review of the literature, and laboratory evaluation of potential novel antibiotic synergies. <i>International Journal of Antimicrobial Agents</i> , <b>2018</b> , 51, 468-478	14.3	12
43	Classical $\beta$ -Lactamase Inhibitors Potentiate the Activity of Daptomycin against Methicillin-Resistant <i>Staphylococcus aureus</i> and Colistin against <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	12
42	Use of Intravenous Immunoglobulin (Prevagen or Octagam) for the Treatment of COVID-19: Retrospective Case Series. <i>Respiration</i> , <b>2020</b> , 99, 1145-1153	3.7	12
41	Cefazolin and Ertapenem Salvage Therapy Rapidly Clears Persistent Methicillin-Susceptible <i>Staphylococcus aureus</i> Bacteremia. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 1413-1418	11.6	12
40	Avibactam Sensitizes Carbapenem-Resistant NDM-1-Producing <i>Klebsiella pneumoniae</i> to Innate Immune Clearance. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 484-493	7	11

39	Characterization of genetic changes associated with daptomycin nonsusceptibility in <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , <b>2018</b> , 13, e0198366	3.7	11
38	Human cathelicidin LL-37 resistance and increased daptomycin MIC in methicillin-resistant <i>Staphylococcus aureus</i> strain USA600 (ST45) are associated with increased mortality in a hospital setting. <i>Journal of Clinical Microbiology</i> , <b>2014</b> , 52, 2172-4	9.7	11
37	Current Paradigms of Combination therapy in Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Bacteremia: Does it Work, Which Combination and For Which Patients?. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	11
36	Treatment of Multidrug-Resistant Vancomycin-Resistant <i>Enterococcus faecium</i> Hardware-Associated Vertebral Osteomyelitis with Oritavancin plus Ampicillin. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	10
35	The Two-Component System AgrAC Displays Four Distinct Genomic Arrangements That Delineate Genomic Virulence Factor Signatures. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1082	5.7	10
34	Interleukin (IL)-1 and IL-10 Host Responses in Patients With <i>Staphylococcus aureus</i> Bacteremia Determined by Antimicrobial Therapy. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 70, 2634-2640	11.6	10
33	Impact of cefazolin co-administration with vancomycin to reduce development of vancomycin-intermediate <i>Staphylococcus aureus</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2018</b> , 91, 363-370	2.9	10
32	Randomized Prospective Open Label Study Shows No Impact on Clinical Outcome of Adding Losartan to Hospitalized COVID-19 Patients with Mild Hypoxemia. <i>Infectious Diseases and Therapy</i> , <b>2021</b> , 10, 1323-1330	6.2	9
31	Telavancin for refractory MRSA bacteraemia in intermittent haemodialysis recipients. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 764-767	5.1	8
30	Repurposed drugs block toxin-driven platelet clearance by the hepatic Ashwell-Morell receptor to clear bacteremia. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	8
29	$\beta$ -Lactamase Inhibitors Enhance the Synergy between $\beta$ -Lactam Antibiotics and Daptomycin against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2017</b> , 61,	5.9	7
28	Ticagrelor Increases Platelet-Mediated <i>Staphylococcus aureus</i> Killing, Resulting in Clearance of Bacteremia. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1566-1569	7	6
27	Environmental conditions dictate differential evolution of vancomycin resistance in <i>Staphylococcus aureus</i> . <i>Communications Biology</i> , <b>2021</b> , 4, 793	6.7	6
26	Genetic Determinants Enabling Medium-Dependent Adaptation to Nafcillin in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>MSystems</i> , <b>2020</b> , 5,	7.6	6
25	Antibiotics and Innate Immunity: A Cooperative Effort Toward the Successful Treatment of Infections. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, ofaa302	1	5
24	Distinct Subpopulations of Intravalvular Methicillin-Resistant <i>Staphylococcus aureus</i> with Variable Susceptibility to Daptomycin in Tricuspid Valve Endocarditis. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	4
23	Humanized Exposures of a $\beta$ -Lactam- $\beta$ -Lactamase Inhibitor, Tazobactam, versus Non- $\beta$ -Lactam- $\beta$ -Lactamase Inhibitor, Avibactam, with or without Colistin, against <i>Acinetobacter baumannii</i> in Murine Thigh and Lung Infection Models. <i>Pharmacology</i> , <b>2018</b> , 101, 255-261	2.3	4
22	Reduced Production of Bacterial Membrane Vesicles Predicts Mortality in ST45/USA600 Methicillin-Resistant Bacteremia. <i>Antibiotics</i> , <b>2019</b> , 9,	4.9	4

21	Synergistic Effects of Pulsed Lavage and Antimicrobial Therapy Against Biofilms in an Model. <i>Frontiers in Medicine</i> , <b>2020</b> , 7, 527	4.9	4
20	1347. Omadacycline for Acute Bacterial Skin and Skin Structure Infections: Integrated Analysis of Randomized Clinical Trials. <i>Open Forum Infectious Diseases</i> , <b>2018</b> , 5, S412-S412	1	4
19	Daptomycin for soft tissue infection and neutropenia in a myelogenous leukemia patient who failed prior vancomycin therapy. <i>Clinical Advances in Hematology and Oncology</i> , <b>2008</b> , 6, 813-5	0.6	4
18	Differential Effects of Penicillin Binding Protein Deletion on the Susceptibility of Enterococcus faecium to Cationic Peptide Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 6132-9	5.9	3
17	Is the Success of Cefazolin plus Ertapenem in Methicillin-Susceptible Bacteremia Based on Release of Interleukin 1-beta?. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2022</b> , aac0216621	5.9	2
16	Impact of Clopidogrel on Clinical Outcomes in Patients with Staphylococcus aureus Bacteremia: a National Retrospective Cohort Study.. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2022</b> , e0211721	5.9	2
15	Proton-pump inhibitors do not influence clinical outcomes in patients with bacteremia. <i>Therapeutic Advances in Gastroenterology</i> , <b>2019</b> , 12, 1756284819834273	4.7	1
14	Genome Sequence Comparison of Staphylococcus aureus TX0117 and a Beta-Lactamase-Cured Derivative Shows Increased Cationic Peptide Resistance Accompanying Mutations in and. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	1
13	Reply to Eschenauer et al. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 60, 671-2	11.6	1
12	1044Efficacy of Ceftolozane/Tazobactam vs Levofloxacin in the Treatment of Complicated Urinary Tract Infections (cUTI) caused by Levofloxacin-resistant Pathogens: Results from the ASPECT-cUTI Trial. <i>Open Forum Infectious Diseases</i> , <b>2014</b> , 1, S306-S306	1	1
11	Comment on: Failure of combination therapy with daptomycin and synergistic ceftriaxone for enterococcal endocarditis. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 1272-3	5.1	1
10	255. Ticagrelor Aids Platelet-Mediated Clearance in a Refractory Staphylococcus aureus Endovascular Infection with Septic Emboli. <i>Open Forum Infectious Diseases</i> , <b>2020</b> , 7, S126-S127	1	1
9	Case Commentary: Imipenem/Cilastatin and Fosfomycin for Refractory Methicillin-Resistant Infection: a Novel Combination Therapy. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 65,	5.9	1
8	Clinical Efficacy of Patients With Secondary Bacteremia Treated With Omadacycline: Results From Phase 3 Acute Bacterial Skin and Skin Structure Infections and Community-Acquired Bacterial Pneumonia Studies. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab136	1	1
7	Reply to Kalil et al., "Is Daptomycin plus Ceftaroline Associated with Better Clinical Outcomes than Standard of Care Monotherapy for Staphylococcus aureus Bacteremia?". <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	1
6	Vancomycin or Daptomycin for Outpatient Parenteral Antibiotic Therapy: Does It Make a Difference in Patient Satisfaction?. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab418	1	1
5	Potent Activity of Ertapenem Plus Cefazolin Within Staphylococcal Biofilms: A Contributing Factor in the Treatment of Methicillin-Susceptible Endocarditis.. <i>Open Forum Infectious Diseases</i> , <b>2022</b> , 9, ofac159	1	1
4	Approaching 65 Years: Is It Time to Consider Retirement of Vancomycin for Treating Methicillin-Resistant Endovascular Infections?. <i>Open Forum Infectious Diseases</i> , <b>2022</b> , 9, ofac137	1	1

## LIST OF PUBLICATIONS

- 3 Dissecting Out the Direct Impacts of Large-Scale Antimicrobial Stewardship Interventions on Clinical Outcomes: Can Confounding Be Overcome?. *Clinical Infectious Diseases*, **2017**, 65, 1956-1957 11.6
- 2 264. Anti-platelet Therapy Significantly Reduces Inpatient Mortality in Patients with *Staphylococcus aureus* Bacteremia. *Open Forum Infectious Diseases*, **2020**, 7, S131-S131 1
- 1 New Guidelines Endorse Old Recommendations for Invasive Enterococcal Infections. *Clinical Infectious Diseases*, **2016**, 63, 281-2 11.6