

Yanqiong Xiong

List of Publications by Year in descending order

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82
papers

3,724
citations

109137

35
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138251

58
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84
all docs

84
docs citations

84
times ranked

4296
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Genetic Factors Involved in Human Endothelial Cells Damage, an Important Phenotype Correlated with Persistent Endovascular Infection. <i>Antibiotics</i> , 2022, 11, 316.	1.5	3
2	Deimmunized Lysostaphin Synergizes with Small-Molecule Chemotherapies and Resensitizes Methicillin-Resistant <i>Staphylococcus aureus</i> to β -Lactam Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	11
3	Impact of Bicarbonate on PBP2a Production, Maturation, and Functionality in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	9
4	Efficacy of Antistaphylococcal Lysin LSVT-1701 in Combination with Daptomycin in Experimental Left-Sided Infective Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0050821.	1.4	4
5	Proteoglycan 4 (lubricin) is a highly sialylated glycoprotein associated with cardiac valve damage in animal models of infective endocarditis. <i>Glycobiology</i> , 2021, , .	1.3	3
6	Role of the <i>Staphylococcus aureus</i> Extracellular Loop of GraS in Resistance to Distinct Human Defense Peptides in PMN and Invasive Cardiovascular infections. <i>Infection and Immunity</i> , 2021, 89, e0034721.	1.0	5
7	New Mechanistic Insights into Purine Biosynthesis with Second Messenger c-di-AMP in Relation to Biofilm-Related Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Infections. <i>MBio</i> , 2021, 12, e0208121.	1.8	12
8	Globally deimmunized lysostaphin evades human immune surveillance and enables highly efficacious repeat dosing. <i>Science Advances</i> , 2020, 6, .	4.7	22
9	Effect of the Lysin Exebacase on Cardiac Vegetation Progression in a Rabbit Model of Methicillin-Resistant <i>Staphylococcus aureus</i> Endocarditis as Determined by Echocardiography. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	14
10	Impact of the Novel Prophage ϕ SA169 on Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Endovascular Infection. <i>MSystems</i> , 2020, 5, .	1.7	5
11	Ability of Bicarbonate Supplementation To Sensitize Selected Methicillin-Resistant <i>Staphylococcus aureus</i> Strains to β -Lactam Antibiotics in an <i>Ex Vivo</i> Simulated Endocardial Vegetation Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	16
12	Scope and Predictive Genetic/Phenotypic Signatures of Bicarbonate (NaHCO_3) Responsiveness and β -Lactam Sensitization in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	13
13	The Stringent Response Contributes to Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Endovascular Infection Through the Purine Biosynthetic Pathway. <i>Journal of Infectious Diseases</i> , 2020, 222, 1188-1198.	1.9	19
14	Efficacy of ARV-1502, a Proline-Rich Antimicrobial Peptide, in a Murine Model of Bacteremia Caused by Multi-Drug Resistant (MDR) <i>Acinetobacter baumannii</i> . <i>Molecules</i> , 2019, 24, 2820.	1.7	8
15	Hypericin enhances β -lactam antibiotics activity by inhibiting <i>sarA</i> expression in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1174-1182.	5.7	26
16	The Antistaphylococcal Lysin, CF-301, Activates Key Host Factors in Human Blood To Potentiate Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteriolysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	51
17	In vitro and in vivo activity of d-serine in combination with β -lactam antibiotics against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 496-504.	5.7	27
18	MgrA Governs Adherence, Host Cell Interaction, and Virulence in a Murine Model of Bacteremia Due to <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2019, 220, 1019-1028.	1.9	16

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19	Recognition of specific sialoglycan structures by oral streptococci impacts the severity of endocardial infection. <i>PLoS Pathogens</i> , 2019, 15, e1007896.	2.1	27
20	Phenotypic and Genotypic Characteristics of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Related to Persistent Endovascular Infection. <i>Antibiotics</i> , 2019, 8, 71.	1.5	9
21	Bicarbonate Resensitization of Methicillin-Resistant <i>Staphylococcus aureus</i> to β -Lactam Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	27
22	Daphnetin: A Novel Anti- <i>Helicobacter pylori</i> Agent. <i>International Journal of Molecular Sciences</i> , 2019, 20, 850.	1.8	24
23	Linezolid and Rifampicin Combination to Combat cfr-Positive Multidrug-Resistant MRSA in Murine Models of Bacteremia and Skin and Skin Structure Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 3080.	1.5	5
24	Increased activity of linezolid in combination with rifampicin in a murine pneumonia model due to MRSA. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1899-1907.	1.3	15
25	Prevalence of cfr in <i>Enterococcus faecalis</i> strains isolated from swine farms in China: Predominated cfr-carrying pCPPF5-like plasmids conferring β -non-linezolid resistance phenotype. <i>Infection, Genetics and Evolution</i> , 2018, 62, 188-192.	1.0	8
26	Role of Purine Biosynthesis in Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Journal of Infectious Diseases</i> , 2018, 218, 1367-1377.	1.9	29
27	Telavancin Is Active against Experimental Aortic Valve Endocarditis Caused by Daptomycin- and Methicillin-Resistant <i>Staphylococcus aureus</i> Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	8
28	Redeploying β -Lactams Against <i>Staphylococcus aureus</i> : Repurposing With a Purpose. <i>Journal of Infectious Diseases</i> , 2017, 215, 11-13.	1.9	6
29	A Solid-State Intrinsically Stretchable Polymer Solar Cell. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40523-40532.	4.0	45
30	A Human Biofilm-Disrupting Monoclonal Antibody Potentiates Antibiotic Efficacy in Rodent Models of both <i>Staphylococcus aureus</i> and <i>Acinetobacter baumannii</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	34
31	Synergistic Effect of Pleuromutilins with Other Antimicrobial Agents against <i>Staphylococcus aureus</i> In Vitro and in an Experimental <i>Galleria mellonella</i> Model. <i>Frontiers in Pharmacology</i> , 2017, 8, 553.	1.6	30
32	Pharmacokinetic/Pharmacodynamic Profiles of Tiamulin in an Experimental Intratracheal Infection Model of <i>Mycoplasma gallisepticum</i> . <i>Frontiers in Veterinary Science</i> , 2016, 3, 75.	0.9	24
33	Comparative efficacy of telavancin and daptomycin in experimental endocarditis due to multi-clonotype MRSA strains. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2890-2894.	1.3	11
34	The Global Regulon <i>sarA</i> Regulates β -Lactam Antibiotic Resistance in Methicillin-Resistant <i>Staphylococcus aureus</i> In Vitro and in Endovascular Infections. <i>Journal of Infectious Diseases</i> , 2016, 214, 1421-1429.	1.9	37
35	Nano-mupirocin: enabling the parenteral activity of mupirocin. <i>European Journal of Nanomedicine</i> , 2016, 8, 139-149.	0.6	11
36	Comparative Efficacies of Tedizolid Phosphate, Linezolid, and Vancomycin in a Murine Model of Subcutaneous Catheter-Related Biofilm Infection Due to Methicillin-Susceptible and -Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5092-5096.	1.4	18

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37	The GraS Sensor in <i>Staphylococcus aureus</i> Mediates Resistance to Host Defense Peptides Differing in Mechanisms of Action. <i>Infection and Immunity</i> , 2016, 84, 459-466.	1.0	33
38	Endovascular Infections Caused by Methicillin-Resistant <i>Staphylococcus aureus</i> Are Linked to Clonal Complex-Specific Alterations in Binding and Invasion Domains of Fibronectin-Binding Protein A as Well as the Occurrence of <i>fnbB</i> . <i>Infection and Immunity</i> , 2015, 83, 4772-4780.	1.0	24
39	Early <i>agr</i> activation correlates with vancomycin treatment failure in multi-clonotype MRSA endovascular infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1443-1452.	1.3	24
40	Synthesizing a Healable Stretchable Transparent Conductor. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14140-14149.	4.0	59
41	Efficient white polymer light-emitting electrochemical cells. <i>Materials Horizons</i> , 2015, 2, 338-343.	6.4	54
42	<i>In Vivo</i> Pharmacokinetic/Pharmacodynamic Profiles of Valnemulin in an Experimental Intratracheal <i>Mycoplasma gallisepticum</i> Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3754-3760.	1.4	28
43	The role of <i>Staphylococcal</i> carotenogenesis in resistance to host defense peptides and in virulence in experimental endocarditis model. <i>Pathogens and Disease</i> , 2015, 73, ftt056.	0.8	10
44	Nonredundant Roles of Interleukin-17A (IL-17A) and IL-22 in Murine Host Defense against Cutaneous and Hematogenous Infection Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2015, 83, 4427-4437.	1.0	58
45	Pharmacokinetic/Pharmacodynamic Correlation of Cefquinome Against Experimental Catheter-Associated Biofilm Infection Due to <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1513.	1.5	7
46	Genome Sequences of Sequence Type 45 (ST45) Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Bacteremia Strain 300-169 and ST45 Resolving MRSA Bacteremia Strain 301-188. <i>Genome Announcements</i> , 2014, 2, .	0.8	7
47	Impact of Vancomycin on <i>sarA</i> -Mediated Biofilm Formation: Role in Persistent Endovascular Infections Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2014, 209, 1231-1240.	1.9	70
48	Site-Specific Mutation of the Sensor Kinase GraS in <i>Staphylococcus aureus</i> Alters the Adaptive Response to Distinct Cationic Antimicrobial Peptides. <i>Infection and Immunity</i> , 2014, 82, 5336-5345.	1.0	41
49	Mechanisms of NDV-3 vaccine efficacy in MRSA skin versus invasive infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5555-63.	3.3	61
50	Role of the Serine-Rich Surface Glycoprotein Srr1 of <i>Streptococcus agalactiae</i> in the Pathogenesis of Infective Endocarditis. <i>PLoS ONE</i> , 2013, 8, e64204.	1.1	41
51	Reduced Vancomycin Susceptibility in an <i>In Vitro</i> Catheter-Related Biofilm Model Correlates with Poor Therapeutic Outcomes in Experimental Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1447-1454.	1.4	61
52	Role of the <i>LytSR</i> Two-Component Regulatory System in Adaptation to Cationic Antimicrobial Peptides in <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 3875-3882.	1.4	46
53	<i>MgrA</i> Activates Expression of Capsule Genes, but Not the $\hat{\epsilon}$ -Toxin Gene in Experimental <i>Staphylococcus aureus</i> Endocarditis. <i>Journal of Infectious Diseases</i> , 2013, 208, 1841-1848.	1.9	53
54	Telavancin in Therapy of Experimental Aortic Valve Endocarditis in Rabbits Due to Daptomycin-Nonsusceptible Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5528-5533.	1.4	20

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55	The <i>Staphylococcus aureus</i> Two-Component Regulatory System, GraRS, Senses and Confers Resistance to Selected Cationic Antimicrobial Peptides. <i>Infection and Immunity</i> , 2012, 80, 74-81.	1.0	159
56	Experimental Endocarditis Model of Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA) in Rat. <i>Journal of Visualized Experiments</i> , 2012, , e3863.	0.2	8
57	Divergent Responses of Different Endothelial Cell Types to Infection with <i>Candida albicans</i> and <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2012, 7, e39633.	1.1	27
58	In vitro endothelial cell damage is positively correlated with enhanced virulence and poor vancomycin responsiveness in experimental endocarditis due to methicillin-resistant <i>Staphylococcus aureus</i> . <i>Cellular Microbiology</i> , 2011, 13, 1530-1541.	1.1	46
59	Efficacy of NZ2114, a Novel Plectasin-Derived Cationic Antimicrobial Peptide Antibiotic, in Experimental Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5325-5330.	1.4	55
60	Combinatorial Phenotypic Signatures Distinguish Persistent from Resolving Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 575-582.	1.4	56
61	Relationship of <i>agr</i> Expression and Function with Virulence and Vancomycin Treatment Outcomes in Experimental Endocarditis Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 5631-5639.	1.4	57
62	A Structural Model for Binding of the Serine-Rich Repeat Adhesin GspB to Host Carbohydrate Receptors. <i>PLoS Pathogens</i> , 2011, 7, e1002112.	2.1	75
63	Daptomycin-Oxacillin Combinations in Treatment of Experimental Endocarditis Caused by Daptomycin-Nonsusceptible Strains of Methicillin-Resistant <i>Staphylococcus aureus</i> with Evolving Oxacillin Susceptibility (the "Seesaw Effect"). <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3161-3169.	1.4	117
64	Factors Influencing Time to Vancomycin-Induced Clearance of Nonendocarditis Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia: Role of Platelet Microbicidal Protein Killing and <i>agr</i> Genotypes. <i>Journal of Infectious Diseases</i> , 2010, 201, 233-240.	1.9	25
65	Pattern of clopidogrel use in hospitalized patients receiving percutaneous coronary interventions. <i>American Journal of Health-System Pharmacy</i> , 2010, 67, 1430-1437.	0.5	12
66	Bacteriophage Lysin Mediates the Binding of <i>Streptococcus mitis</i> to Human Platelets through Interaction with Fibrinogen. <i>PLoS Pathogens</i> , 2010, 6, e1001047.	2.1	56
67	Role of <i>mgrA</i> and <i>sarA</i> in Methicillin-Resistant <i>Staphylococcus aureus</i> Autolysis and Resistance to Cell Wall-Active Antibiotics. <i>Journal of Infectious Diseases</i> , 2009, 199, 209-218.	1.9	65
68	Tricarboxylic Acid Cycle-Dependent Attenuation of <i>Staphylococcus aureus</i> In Vivo Virulence by Selective Inhibition of Amino Acid Transport. <i>Infection and Immunity</i> , 2009, 77, 4256-4264.	1.0	66
69	Enhanced Expression of <i>dltABCD</i> Is Associated with the Development of Daptomycin Nonsusceptibility in a Clinical Endocarditis Isolate of <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2009, 200, 1916-1920.	1.9	147
70	Phenotypic and Genotypic Characteristics of Persistent Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia In Vitro and in an Experimental Endocarditis Model. <i>Journal of Infectious Diseases</i> , 2009, 199, 201-208.	1.9	106
71	Disparity in the In Vitro versus In Vivo Regulation of Fibronectin-Binding Proteins by 2 Global Regulators, <i>saeRS</i> and <i>sigB</i> , in <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2009, 200, 1371-1374.	1.9	6
72	Regulation of <i>mprF</i> in Daptomycin-Nonsusceptible <i>Staphylococcus aureus</i> Strains. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2636-2637.	1.4	117

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73	Role of the serine-rich surface glycoprotein GspB of <i>Streptococcus gordonii</i> in the pathogenesis of infective endocarditis. <i>Microbial Pathogenesis</i> , 2008, 45, 297-301.	1.3	96
74	Failures in Clinical Treatment of <i>Staphylococcus aureus</i> Infection with Daptomycin Are Associated with Alterations in Surface Charge, Membrane Phospholipid Asymmetry, and Drug Binding. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 269-278.	1.4	305
75	Platelet Antistaphylococcal Responses Occur through P2X ₁ and P2Y ₁₂ Receptor-Induced Activation and Kinocidin Release. <i>Infection and Immunity</i> , 2008, 76, 5706-5713.	1.0	47
76	In vitro susceptibility of <i>Staphylococcus aureus</i> to thrombin-induced platelet microbicidal protein-1 (tPMP-1) is influenced by cell membrane phospholipid composition and asymmetry. <i>Microbiology (United Kingdom)</i> , 2007, 153, 1187-1197.	0.7	87
77	Advances in antimicrobial peptide immunobiology. <i>Biopolymers</i> , 2006, 84, 435-458.	1.2	248
78	gC1qR/p33 Blockade Reduces <i>Staphylococcus aureus</i> Colonization of Target Tissues in an Animal Model of Infective Endocarditis. <i>Infection and Immunity</i> , 2006, 74, 4418-4423.	1.0	39
79	A Synthetic Congener Modeled on a Microbicidal Domain of Thrombin- Induced Platelet Microbicidal Protein 1 Recapitulates Staphylocidal Mechanisms of the Native Molecule. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 3786-3792.	1.4	27
80	Regulation of <i>Staphylococcus aureus</i> α -Toxin Gene (hla) Expression by agr, sarA, and sae in Vitro and in Experimental Infective Endocarditis. <i>Journal of Infectious Diseases</i> , 2006, 194, 1267-1275.	1.9	137
81	Functional Interrelationships between Cell Membrane and Cell Wall in Antimicrobial Peptide-Mediated Killing of <i>Staphylococcus aureus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 3114-3121.	1.4	113
82	Real-Time In Vivo Bioluminescent Imaging for Evaluating the Efficacy of Antibiotics in a Rat <i>Staphylococcus aureus</i> Endocarditis Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 380-387.	1.4	96