

Binh An Diep

List of Publications by Year in descending order

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56
papers

7,062
citations

109264

35
h-index

149623

56
g-index

58
all docs

58
docs citations

58
times ranked

6025
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete genome sequence of USA300, an epidemic clone of community-acquired methicillin-resistant <i>Staphylococcus aureus</i> . <i>Lancet</i> , The, 2006, 367, 731-739.	6.3	1,440
2	The Arginine Catabolic Mobile Element and Staphylococcal Chromosomal Cassette <i>mec</i> Linkage: Convergence of Virulence and Resistance in the USA300 Clone of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2008, 197, 1523-1530.	1.9	378
3	Evolution of virulence in epidemic community-associated methicillin-resistant <i>Staphylococcus aureus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5883-5888.	3.3	354
4	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> , 2008, 148, 249.	2.0	344
5	Polymorphonuclear leukocytes mediate <i>Staphylococcus aureus</i> Panton-Valentine leukocidin-induced lung inflammation and injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5587-5592.	3.3	306
6	Colonization, Fomites, and Virulence: Rethinking the Pathogenesis of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Clinical Infectious Diseases</i> , 2008, 46, 752-760.	2.9	277
7	The role of virulence determinants in community-associated MRSA pathogenesis. <i>Trends in Microbiology</i> , 2008, 16, 361-369.	3.5	276
8	Roles of 34 Virulence Genes in the Evolution of Hospital- and Community-Associated Strains of Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2006, 193, 1495-1503.	1.9	273
9	MRSA epidemic linked to a quickly spreading colonization and virulence determinant. <i>Nature Medicine</i> , 2012, 18, 816-819.	15.2	242
10	Widespread Skin and Soft-Tissue Infections Due to Two Methicillin-Resistant <i>Staphylococcus aureus</i> Strains Harboring the Genes for Panton-Valentine Leukocidin. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2080-2084.	1.8	236
11	Community-Adapted Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA): Population Dynamics of an Expanding Community Reservoir of MRSA. <i>Journal of Infectious Diseases</i> , 2004, 190, 1730-1738.	1.9	220
12	Global Changes in <i>Staphylococcus aureus</i> Gene Expression in Human Blood. <i>PLoS ONE</i> , 2011, 6, e18617.	1.1	205
13	Host Defense and Pathogenesis in <i>Staphylococcus aureus</i> Infections. <i>Infectious Disease Clinics of North America</i> , 2009, 23, 17-34.	1.9	203
14	A Population-Based Study of the Incidence and Molecular Epidemiology of Methicillin-Resistant <i>Staphylococcus aureus</i> Disease in San Francisco, 2004-2005. <i>Clinical Infectious Diseases</i> , 2008, 46, 1637-1646.	2.9	182
15	Contribution of Panton-Valentine Leukocidin in Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Pathogenesis. <i>PLoS ONE</i> , 2008, 3, e3198.	1.1	170
16	Differential Expression and Roles of <i>Staphylococcus aureus</i> Virulence Determinants during Colonization and Disease. <i>MBio</i> , 2015, 6, e02272-14.	1.8	152
17	Population Dynamics of Nasal Strains of Methicillin-Resistant <i>Staphylococcus aureus</i> and Their Relation to Community-Associated Disease Activity. <i>Journal of Infectious Diseases</i> , 2005, 192, 811-818.	1.9	135
18	PSMs of Hypervirulent <i>Staphylococcus aureus</i> Act as Intracellular Toxins That Kill Infected Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e63176.	1.1	103

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19	Genetic Diversity of Arginine Catabolic Mobile Element in <i>Staphylococcus epidermidis</i> . <i>PLoS ONE</i> , 2009, 4, e7722.	1.1	103
20	Cross-talk between <i>Staphylococcus aureus</i> leukocidins-intoxicated macrophages and lung epithelial cells triggers chemokine secretion in an inflammasome-dependent manner. <i>Cellular Microbiology</i> , 2012, 14, 1019-1036.	1.1	99
21	The Role of Antibiotics in Modulating Virulence in <i>Staphylococcus aureus</i> . <i>Clinical Microbiology Reviews</i> , 2017, 30, 887-917.	5.7	95
22	Clonal Composition of <i>Staphylococcus aureus</i> Isolates at a Brazilian University Hospital: Identification of International Circulating Lineages. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1686-1691.	1.8	93
23	<i>Staphylococcus aureus</i> δ toxin potentiates opportunistic bacterial lung infections. <i>Science Translational Medicine</i> , 2016, 8, 329ra31.	5.8	93
24	<i>Staphylococcus aureus</i> Panton-Valentine Leukocidin Contributes to Inflammation and Muscle Tissue Injury. <i>PLoS ONE</i> , 2009, 4, e6387.	1.1	87
25	Global Gene Expression of Methicillin-resistant <i>Staphylococcus aureus</i> USA300 During Human and Mouse Infection. <i>Journal of Infectious Diseases</i> , 2014, 209, 1542-1550.	1.9	73
26	Effects of Linezolid on Suppressing In Vivo Production of Staphylococcal Toxins and Improving Survival Outcomes in a Rabbit Model of Methicillin-Resistant <i>Staphylococcus aureus</i> Necrotizing Pneumonia. <i>Journal of Infectious Diseases</i> , 2013, 208, 75-82.	1.9	72
27	IVIG-mediated protection against necrotizing pneumonia caused by MRSA. <i>Science Translational Medicine</i> , 2016, 8, 357ra124.	5.8	70
28	Concurrent Epidemics of Skin and Soft Tissue Infection and Bloodstream Infection Due to Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Clinical Infectious Diseases</i> , 2012, 55, 781-788.	2.9	66
29	Toxin-Triggered Interleukin-1 Receptor Signaling Enables Early-Life Discrimination of Pathogenic versus Commensal Skin Bacteria. <i>Cell Host and Microbe</i> , 2019, 26, 795-809.e5.	5.1	59
30	Improved Protection in a Rabbit Model of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Necrotizing Pneumonia upon Neutralization of Leukocidins in Addition to Alpha-Hemolysin. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6333-6340.	1.4	58
31	Clonal Characterization of <i>Staphylococcus aureus</i> by Multilocus Restriction Fragment Typing, a Rapid Screening Approach for Molecular Epidemiology. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4559-4564.	1.8	45
32	Selected insights from application of whole-genome sequencing for outbreak investigations. <i>Current Opinion in Critical Care</i> , 2013, 19, 432-439.	1.6	45
33	Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Clone in Long-Term Care Facility. <i>Emerging Infectious Diseases</i> , 2009, 15, 953-955.	2.0	41
34	Characterization of Baseline Methicillin-Resistant <i>Staphylococcus aureus</i> Isolates Recovered from Phase IV Clinical Trial for Linezolid. <i>Journal of Clinical Microbiology</i> , 2010, 48, 568-574.	1.8	40
35	Identifying Potential Therapeutic Targets of Methicillin-resistant <i>Staphylococcus aureus</i> Through in Vivo Proteomic Analysis. <i>Journal of Infectious Diseases</i> , 2014, 209, 1533-1541.	1.9	40
36	Critical Role of Alpha-Toxin and Protective Effects of Its Neutralization by a Human Antibody in Acute Bacterial Skin and Skin Structure Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5640-5648.	1.4	38

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37	Targeting Alpha Toxin To Mitigate Its Lethal Toxicity in Ferret and Rabbit Models of <i>Staphylococcus aureus</i> Necrotizing Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	37
38	MEDI3902 Correlates of Protection against Severe <i>Pseudomonas aeruginosa</i> Pneumonia in a Rabbit Acute Pneumonia Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	33
39	Relative contribution of Panton-Valentine leukocidin to PMN plasma membrane permeability and lysis caused by USA300 and USA400 culture supernatants. <i>Microbes and Infection</i> , 2010, 12, 446-456.	1.0	31
40	Recurrence of Skin and Soft Tissue Infection Caused by Methicillin-Resistant <i>Staphylococcus aureus</i> in a HIV Primary Care Clinic. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008, 49, 231-233.	0.9	30
41	Efficacy of Active Immunization With Attenuated α -Hemolysin and Panton-Valentine Leukocidin in a Rabbit Model of <i>Staphylococcus aureus</i> Necrotizing Pneumonia. <i>Journal of Infectious Diseases</i> , 2020, 221, 267-275.	1.9	23
42	Long-Term Follow-Up of Methicillin-Resistant <i>Staphylococcus aureus</i> Molecular Epidemiology after Emergence of Clone USA300 in San Francisco Jail Populations. <i>Journal of Clinical Microbiology</i> , 2008, 46, 4056-4057.	1.8	21
43	Linezolid Effects on Bacterial Toxin Production and Host Immune Response: Review of the Evidence. <i>Current Therapeutic Research</i> , 2012, 73, 86-102.	0.5	20
44	Treatment Efficacy of MEDI3902 in <i>Pseudomonas aeruginosa</i> Bloodstream Infection and Acute Pneumonia Rabbit Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	19
45	Protective Efficacy of Monoclonal Antibodies Neutralizing Alpha-Hemolysin and Bicomponent Leukocidins in a Rabbit Model of <i>Staphylococcus aureus</i> Necrotizing Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	17
46	IBT-V02: A Multicomponent Toxoid Vaccine Protects Against Primary and Secondary Skin Infections Caused by <i>Staphylococcus aureus</i> . <i>Frontiers in Immunology</i> , 2021, 12, 624310.	2.2	17
47	Use of whole-genome sequencing for outbreak investigations. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 99-101.	4.6	16
48	Panton-Valentine leucocidin and pneumonia. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 566.	4.6	15
49	Effects of Tedizolid Phosphate on Survival Outcomes and Suppression of Production of Staphylococcal Toxins in a Rabbit Model of Methicillin-Resistant <i>Staphylococcus aureus</i> Necrotizing Pneumonia. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	13
50	Demographic fluctuation of community-acquired antibiotic-resistant <i>Staphylococcus aureus</i> lineages: potential role of flimsy antibiotic exposure. <i>ISME Journal</i> , 2018, 12, 1879-1894.	4.4	11
51	FDA Public Workshop Summary: Advancing Animal Models for Antibacterial Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	1.4	11
52	<i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia Rabbit Model for Preclinical Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0272420.	1.4	9
53	Necrotizing Soft Tissue Infection <i>Staphylococcus aureus</i> but not <i>S. pyogenes</i> Isolates Display High Rates of Internalization and Cytotoxicity Toward Human Myoblasts. <i>Journal of Infectious Diseases</i> , 2019, 220, 710-719.	1.9	8
54	<i>Staphylococcus aureus</i> Interferes with Streptococci Spatial Distribution and with Protein Expression of Species within a Polymicrobial Oral Biofilm. <i>Antibiotics</i> , 2021, 10, 116.	1.5	8

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55	Multimechanistic Monoclonal Antibody Combination Targeting Key Staphylococcus aureus Virulence Determinants in a Rabbit Model of Prosthetic Joint Infection. Antimicrobial Agents and Chemotherapy, 2021, 65, e0183220.	1.4	8
56	Antivirulence Bispecific Monoclonal Antibody-Mediated Protection against Pseudomonas aeruginosa Ventilator-Associated Pneumonia in a Rabbit Model. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0202221.	1.4	2