

Binh An Diep

List of Publications by Year in descending order

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56
papers

7,062
citations

109321

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h-index

149698

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all docs

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docs citations

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times ranked

6025
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#	ARTICLE	IF	CITATIONS
1	Antivirulence Bispecific Monoclonal Antibody-Mediated Protection against <i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia in a Rabbit Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0202221.	3.2	2
2	<i>Staphylococcus aureus</i> Interferes with <i>Streptococci</i> Spatial Distribution and with Protein Expression of Species within a Polymicrobial Oral Biofilm. <i>Antibiotics</i> , 2021, 10, 116.	3.7	8
3	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.	4.8	17
4	Multimechanistic Monoclonal Antibody Combination Targeting Key <i>Staphylococcus aureus</i> Virulence Determinants in a Rabbit Model of Prosthetic Joint Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0183220.	3.2	8
5	<i>Pseudomonas aeruginosa</i> Ventilator-Associated Pneumonia Rabbit Model for Preclinical Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0272420.	3.2	9
6	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.	4.0	23
7	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, .	3.2	17
8	FDA Public Workshop Summary: Advancing Animal Models for Antibacterial Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	11
9	Treatment Efficacy of MEDI3902 in <i>Pseudomonas aeruginosa</i> Bloodstream Infection and Acute Pneumonia Rabbit Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	19
10	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.	4.0	8
11	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.	11.0	59
12	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, .	3.2	33
13	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.	9.8	11
14	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, .	3.2	13
15	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, .	3.2	37
16	The Role of Antibiotics in Modulating Virulence in <i>Staphylococcus aureus</i> . <i>Clinical Microbiology Reviews</i> , 2017, 30, 887-917.	13.6	95
17	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.	3.2	58
18	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.	3.2	38

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19	VIG-mediated protection against necrotizing pneumonia caused by MRSA. <i>Science Translational Medicine</i> , 2016, 8, 357ra124.	12.4	70
20	<i>Staphylococcus aureus</i> δ toxin potentiates opportunistic bacterial lung infections. <i>Science Translational Medicine</i> , 2016, 8, 329ra31.	12.4	93
21	Differential Expression and Roles of <i>Staphylococcus aureus</i> Virulence Determinants during Colonization and Disease. <i>MBio</i> , 2015, 6, e02272-14.	4.1	152
22	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.	4.0	40
23	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.	4.0	73
24	Use of whole-genome sequencing for outbreak investigations. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 99-101.	9.1	16
25	Panton-Valentine leukocidin and pneumonia. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 566.	9.1	15
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.	4.0	72
27	Selected insights from application of whole-genome sequencing for outbreak investigations. <i>Current Opinion in Critical Care</i> , 2013, 19, 432-439.	3.2	45
28	PSMs of Hypervirulent <i>Staphylococcus aureus</i> Act as Intracellular Toxins That Kill Infected Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e63176.	2.5	103
29	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.	5.8	66
30	Linezolid Effects on Bacterial Toxin Production and Host Immune Response: Review of the Evidence. <i>Current Therapeutic Research</i> , 2012, 73, 86-102.	1.2	20
31	MRSA epidemic linked to a quickly spreading colonization and virulence determinant. <i>Nature Medicine</i> , 2012, 18, 816-819.	30.7	242
32	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.	2.1	99
33	Global Changes in <i>Staphylococcus aureus</i> Gene Expression in Human Blood. <i>PLoS ONE</i> , 2011, 6, e18617.	2.5	205
34	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.	1.9	31
35	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.	7.1	306
36	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.	3.9	40

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37	Methicillin-Resistant <i>Staphylococcus aureus</i> USA300 Clone in Long-Term Care Facility. <i>Emerging Infectious Diseases</i> , 2009, 15, 953-955.	4.3	41
38	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.	7.1	354
39	Host Defense and Pathogenesis in <i>Staphylococcus aureus</i> Infections. <i>Infectious Disease Clinics of North America</i> , 2009, 23, 17-34.	5.1	203
40	<i>Staphylococcus aureus</i> Panton-Valentine Leukocidin Contributes to Inflammation and Muscle Tissue Injury. <i>PLoS ONE</i> , 2009, 4, e6387.	2.5	87
41	Genetic Diversity of Arginine Catabolic Mobile Element in <i>Staphylococcus epidermidis</i> . <i>PLoS ONE</i> , 2009, 4, e7722.	2.5	103
42	The role of virulence determinants in community-associated MRSA pathogenesis. <i>Trends in Microbiology</i> , 2008, 16, 361-369.	7.7	276
43	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.	5.8	182
44	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.	3.9	21
45	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.	4.0	378
46	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.	5.8	277
47	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.	3.9	344
48	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.	2.1	30
49	Contribution of Panton-Valentine Leukocidin in Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Pathogenesis. <i>PLoS ONE</i> , 2008, 3, e3198.	2.5	170
50	Complete genome sequence of USA300, an epidemic clone of community-acquired methicillin-resistant <i>Staphylococcus aureus</i> . <i>Lancet, The</i> , 2006, 367, 731-739.	13.7	1,440
51	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.	4.0	273
52	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.	3.9	93
53	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.	4.0	135
54	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.	4.0	220

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55	Widespread Skin and Soft-Tissue Infections Due to Two Methicillin-Resistant <i>Staphylococcus aureus</i> Strains Harboring the Genes for Panton-Valentine Leucocidin. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2080-2084.	3.9	236
56	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.	3.9	45