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	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
2	Staphylococcus aureus Interferes with Streptococci Spatial Distribution and with Protein Expression of Species within a Polymicrobial Oral Biofilm. Antibiotics, 2021, 10, 116.	1.5	8
3	IBT-V02: A Multicomponent Toxoid Vaccine Protects Against Primary and Secondary Skin Infections Caused by Staphylococcus aureus. Frontiers in Immunology, 2021, 12, 624310.	2.2	17
4	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
5	Pseudomonas aeruginosa Ventilator-Associated Pneumonia Rabbit Model for Preclinical Drug Development. Antimicrobial Agents and Chemotherapy, 2021, 65, e0272420.	1.4	9
6	Efficacy of Active Immunization With Attenuated Î±-Hemolysin and Panton-Valentine Leukocidin in a Rabbit Model of Staphylococcus aureus Necrotizing Pneumonia. Journal of Infectious Diseases, 2020, 221, 267-275.	1.9	23
7	Protective Efficacy of Monoclonal Antibodies Neutralizing Alpha-Hemolysin and Bicomponent Leukocidins in a Rabbit Model of Staphylococcus aureus Necrotizing Pneumonia. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	17
8	FDA Public Workshop Summary: Advancing Animal Models for Antibacterial Drug Development. Antimicrobial Agents and Chemotherapy, 2020, 65, .	1.4	11
9	Treatment Efficacy of MEDI3902 in Pseudomonas aeruginosa Bloodstream Infection and Acute Pneumonia Rabbit Models. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	19
10	Necrotizing Soft Tissue Infection Staphylococcus aureus but not S. pyogenes Isolates Display High Rates of Internalization and Cytotoxicity Toward Human Myoblasts. Journal of Infectious Diseases, 2019, 220, 710-719.	1.9	8
11	Toxin-Triggered Interleukin-1 Receptor Signaling Enables Early-Life Discrimination of Pathogenic versus Commensal Skin Bacteria. Cell Host and Microbe, 2019, 26, 795-809.e5.	5.1	59
12	MEDI3902 Correlates of Protection against Severe Pseudomonas aeruginosa Pneumonia in a Rabbit Acute Pneumonia Model. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	33
13	Demographic fluctuation of community-acquired antibiotic-resistant Staphylococcus aureus lineages: potential role of flimsy antibiotic exposure. ISME Journal, 2018, 12, 1879-1894.	4.4	11
14	Effects of Tedizolid Phosphate on Survival Outcomes and Suppression of Production of Staphylococcal Toxins in a Rabbit Model of Methicillin-Resistant Staphylococcus aureus Necrotizing Pneumonia. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	13
15	Targeting Alpha Toxin To Mitigate Its Lethal Toxicity in Ferret and Rabbit Models of Staphylococcus aureus Necrotizing Pneumonia. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	37
16	The Role of Antibiotics in Modulating Virulence in Staphylococcus aureus. Clinical Microbiology Reviews, 2017, 30, 887-917.	5.7	95
17	Improved Protection in a Rabbit Model of Community-Associated Methicillin-Resistant Staphylococcus aureus Necrotizing Pneumonia upon Neutralization of Leukocidins in Addition to Alpha-Hemolysin. Antimicrobial Agents and Chemotherapy, 2016, 60, 6333-6340.	1.4	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. Antimicrobial Agents and Chemotherapy, 2016, 60, 5640-5648.	1.4	38

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19	IVIG-mediated protection against necrotizing pneumonia caused by MRSA. Science Translational Medicine, 2016, 8, 357ra124.	5.8	70
20	Staphylococcus aureus Î± toxin potentiates opportunistic bacterial lung infections. Science Translational Medicine, 2016, 8, 329ra31.	5.8	93
21	Differential Expression and Roles of Staphylococcus aureus Virulence Determinants during Colonization and Disease. MBio, 2015, 6, e02272-14.	1.8	152
22	Identifying Potential Therapeutic Targets of Methicillin-resistant Staphylococcus aureus Through in Vivo Proteomic Analysis. Journal of Infectious Diseases, 2014, 209, 1533-1541.	1.9	40
23	Global Gene Expression of Methicillin-resistant Staphylococcus aureus USA300 During Human and Mouse Infection. Journal of Infectious Diseases, 2014, 209, 1542-1550.	1.9	73
24	Use of whole-genome sequencing for outbreak investigations. Lancet Infectious Diseases, The, 2013, 13, 99-101.	4.6	16
25	Panton-Valentine leucocidin and pneumonia. Lancet Infectious Diseases, The, 2013, 13, 566.	4.6	15
26	Effects of Linezolid on Suppressing In Vivo Production of Staphylococcal Toxins and Improving Survival Outcomes in a Rabbit Model of Methicillin-Resistant Staphylococcus aureus Necrotizing Pneumonia. Journal of Infectious Diseases, 2013, 208, 75-82.	1.9	72
27	Selected insights from application of whole-genome sequencing for outbreak investigations. Current Opinion in Critical Care, 2013, 19, 432-439.	1.6	45
28	PSMs of Hypervirulent Staphylococcus aureus Act as Intracellular Toxins That Kill Infected Osteoblasts. PLoS ONE, 2013, 8, e63176.	1.1	103
29	Concurrent Epidemics of Skin and Soft Tissue Infection and Bloodstream Infection Due to Community-Associated Methicillin-Resistant Staphylococcus aureus. Clinical Infectious Diseases, 2012, 55, 781-788.	2.9	66
30	Linezolid Effects on Bacterial Toxin Production and Host Immune Response: Review of the Evidence. Current Therapeutic Research, 2012, 73, 86-102.	0.5	20
31	MRSA epidemic linked to a quickly spreading colonization and virulence determinant. Nature Medicine, 2012, 18, 816-819.	15.2	242
32	Cross-talk between Staphylococcus aureus leukocidins-intoxicated macrophages and lung epithelial cells triggers chemokine secretion in an inflammasome-dependent manner. Cellular Microbiology, 2012, 14, 1019-1036.	1.1	99
33	Global Changes in Staphylococcus aureus Gene Expression in Human Blood. PLoS ONE, 2011, 6, e18617.	1.1	205
34	Relative contribution of Panton-Valentine leukocidin to PMN plasma membrane permeability and lysis caused by USA300 and USA400 culture supernatants. Microbes and Infection, 2010, 12, 446-456.	1.0	31
35	Polymorphonuclear leukocytes mediate Staphylococcus aureus Panton-Valentine leukocidin-induced lung inflammation and injury. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5587-5592.	3.3	306
36	Characterization of Baseline Methicillin-Resistant Staphylococcus aureus Isolates Recovered from Phase IV Clinical Trial for Linezolid. Journal of Clinical Microbiology, 2010, 48, 568-574.	1.8	40

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37	Methicillin-ResistantStaphylococcus aureusUSA300 Clone in Long-Term Care Facility. Emerging Infectious Diseases, 2009, 15, 953-955.	2.0	41
38	Evolution of virulence in epidemic community-associated methicillin-resistant Staphylococcus aureus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5883-5888.	3.3	354
39	Host Defense and Pathogenesis in Staphylococcus aureus Infections. Infectious Disease Clinics of North America, 2009, 23, 17-34.	1.9	203
40	Staphylococcus aureus Panton-Valentine Leukocidin Contributes to Inflammation and Muscle Tissue Injury. PLoS ONE, 2009, 4, e6387.	1.1	87
41	Genetic Diversity of Arginine Catabolic Mobile Element in Staphylococcus epidermidis. PLoS ONE, 2009, 4, e7722.	1.1	103
42	The role of virulence determinants in community-associated MRSA pathogenesis. Trends in Microbiology, 2008, 16, 361-369.	3.5	276
43	A Populationâ€Based Study of the Incidence and Molecular Epidemiology of Methicillinâ€ResistantStaphylococcus aureusDisease in San Francisco, 2004â€“2005. Clinical Infectious Diseases, 2008, 46, 1637-1646.	2.9	182
44	Long-Term Follow-Up of Methicillin-Resistant Staphylococcus aureus Molecular Epidemiology after Emergence of Clone USA300 in San Francisco Jail Populations. Journal of Clinical Microbiology, 2008, 46, 4056-4057.	1.8	21
45	The Arginine Catabolic Mobile Element and Staphylococcal Chromosomal CassettemecLinkage: Convergence of Virulence and Resistance in the USA300 Clone of Methicillinâ€ResistantStaphylococcus aureus. Journal of Infectious Diseases, 2008, 197, 1523-1530.	1.9	378
46	Colonization, Fomites, and Virulence: Rethinking the Pathogenesis of Community-Associated Methicillin-Resistant Staphylococcus aureus Infection. Clinical Infectious Diseases, 2008, 46, 752-760.	2.9	277
47	Emergence of Multidrug-Resistant, Community-Associated, Methicillin-Resistant Staphylococcus aureus Clone USA300 in Men Who Have Sex with Men. Annals of Internal Medicine, 2008, 148, 249.	2.0	344
48	Recurrence of Skin and Soft Tissue Infection Caused by Methicillin-Resistant Staphylococcus aureus in a HIV Primary Care Clinic. Journal of Acquired Immune Deficiency Syndromes (1999), 2008, 49, 231-233.	0.9	30
49	Contribution of Panton-Valentine Leukocidin in Community-Associated Methicillin-Resistant Staphylococcus aureus Pathogenesis. PLoS ONE, 2008, 3, e3198.	1.1	170
50	Complete genome sequence of USA300, an epidemic clone of community-acquired meticillin-resistant Staphylococcus aureus. Lancet, The, 2006, 367, 731-739.	6.3	1,440
51	Roles of 34 Virulence Genes in the Evolution of Hospitalâ€and Communityâ€Associated Strains of Methicillinâ€ResistantStaphylococcus aureus. Journal of Infectious Diseases, 2006, 193, 1495-1503.	1.9	273
52	Clonal Composition of Staphylococcus aureus Isolates at a Brazilian University Hospital: Identification of International Circulating Lineages. Journal of Clinical Microbiology, 2006, 44, 1686-1691.	1.8	93
53	Population Dynamics of Nasal Strains of Methicillinâ€ResistantStaphylococcus aureusâ€”and Their Relation to Communityâ€Associated Disease Activity. Journal of Infectious Diseases, 2005, 192, 811-818.	1.9	135
54	Communityâ€Adapted Methicillinâ€ResistantStaphylococcus aureus(MRSA): Population Dynamics of an Expanding Community Reservoir of MRSA. Journal of Infectious Diseases, 2004, 190, 1730-1738.	1.9	220

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55	Widespread Skin and Soft-Tissue Infections Due to Two Methicillin-Resistant Staphylococcus aureus Strains Harboring the Genes for Panton-Valentine Leucocidin. Journal of Clinical Microbiology, 2004, 42, 2080-2084.	1.8	236
56	Clonal Characterization of Staphylococcus aureus by Multilocus Restriction Fragment Typing, a Rapid Screening Approach for Molecular Epidemiology. Journal of Clinical Microbiology, 2003, 41, 4559-4564.	1.8	45