Dane Parker

List of Publications by Year
in descending order

63 papers	3,458 citations	186265 28 h-index	144013 57 g-index
67 all docs	67 docs citations	67 times ranked	5326 citing authors

#	Article	IF	Citations
1	NetB, a New Toxin That Is Associated with Avian Necrotic Enteritis Caused by Clostridium perfringens. PLoS Pathogens, 2008, 4, e26.	4.7	494
2	Innate Immunity in the Respiratory Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 189-201.	2.9	370
3	Toxin-Induced Necroptosis Is a Major Mechanism of Staphylococcus aureus Lung Damage. PLoS Pathogens, 2015, 11, e1004820.	4.7	212
4	Necroptosis Promotes Staphylococcus aureus Clearance by Inhibiting Excessive Inflammatory Signaling. Cell Reports, 2016, 16, 2219-2230.	6.4	139
5	The NanA Neuraminidase of <i>Streptococcus pneumoniae</i> Is Involved in Biofilm Formation. Infection and Immunity, 2009, 77, 3722-3730.	2.2	132
6	Streptococcus pneumoniae DNA Initiates Type I Interferon Signaling in the Respiratory Tract. MBio, 2011, 2, e00016-11.	4.1	128
7	Immunopathogenesis of Staphylococcus aureus pulmonary infection. Seminars in Immunopathology, 2012, 34, 281-297.	6.1	117
8	<i>Staphylococcus aureus</i> Induces Type I IFN Signaling in Dendritic Cells Via TLR9. Journal of Immunology, 2012, 189, 4040-4046.	0.8	114
9	Methicillin-Resistant Staphylococcus aureus Adaptation to Human Keratinocytes. MBio, 2015, 6, .	4.1	95
10	Lambda Interferon Restructures the Nasal Microbiome and Increases Susceptibility to Staphylococcus aureus Superinfection. MBio, 2016, 7, e01939-15.	4.1	94
11	The Type III Toxins of Pseudomonas aeruginosa Disrupt Epithelial Barrier Function. Journal of Bacteriology, 2008, 190, 2814-2821.	2.2	88
12	Induction of Type I Interferon Signaling Determines the Relative Pathogenicity of Staphylococcus aureus Strains. PLoS Pathogens, 2014, 10, e1003951.	4.7	84
13	The Subtilisin-Like Protease AprV2 Is Required for Virulence and Uses a Novel Disulphide-Tethered Exosite to Bind Substrates. PLoS Pathogens, 2010, 6, e1001210.	4.7	81
14	Staphylococcus aureus Activation of Caspase 1/Calpain Signaling Mediates Invasion Through Human Keratinocytes. Journal of Infectious Diseases, 2012, 205, 1571-1579.	4.0	70
15	Metabolic Stress Drives Keratinocyte Defenses against Staphylococcus aureus Infection. Cell Reports, 2017, 18, 2742-2751.	6.4	70
16	Genome sequence and identification of candidate vaccine antigens from the animal pathogen Dichelobacter nodosus. Nature Biotechnology, 2007, 25, 569-575.	17.5	66
17	Type III IFNs: Beyond antiviral protection. Seminars in Immunology, 2019, 43, 101303.	5.6	66
18	Type IV Fimbrial Biogenesis Is Required for Protease Secretion and Natural Transformation in Dichelobacter nodosus. Journal of Bacteriology, 2007, 189, 5022-5033.	2.2	61

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19	Induction of Type I Interferon Signaling by <i>Pseudomonas aeruginosa</i> Is Diminished in Cystic Fibrosis Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 6-13.	2.9	60
20	Humanized Mice Exhibit Increased Susceptibility toStaphylococcus aureusPneumonia. Journal of Infectious Diseases, 2016, 215, jiw425.	4.0	56
21	Acquired resistance to innate immune clearance promotes Klebsiella pneumoniae ST258 pulmonary infection. JCI Insight, 2016, 1, e89704.	5.0	52
22	CD4+ T Cells Promote the Pathogenesis of Staphylococcus aureus Pneumonia. Journal of Infectious Diseases, 2015, 211, 835-845.	4.0	50
23	Type I interferon response to extracellular bacteria in the airway epithelium. Trends in Immunology, 2011, 32, 582-588.	6.8	49
24	Participation of CD11c ⁺ Leukocytes in Methicillin-Resistant Staphylococcus aureus Clearance from the Lung. Infection and Immunity, 2011, 79, 1898-1904.	2.2	44
25	Innate Immune Signaling Activated by MDR Bacteria in the Airway. Physiological Reviews, 2016, 96, 19-53.	28.8	42
26	Protection from the acquisition of <i>Staphylococcus aureus</i> nasal carriage by cross-reactive antibody to a pneumococcal dehydrogenase. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13823-13828.	7.1	39
27	Disruption of staphylococcal aggregation protects against lethal lung injury. Journal of Clinical Investigation, 2018, 128, 1074-1086.	8.2	39
28	ILâ€•1Î² activation in response to <i>Staphylococcus aureus</i> lung infection requires inflammasomeâ€•dependent and independent mechanisms. European Journal of Immunology, 2018, 48, 1707-1716.	2.9	35
29	Humanized Mouse Models of Staphylococcus aureus Infection. Frontiers in Immunology, 2017, 8, 512.	4.8	32
30	Pseudomonas aeruginosa AES-1 Exhibits Increased Virulence Gene Expression during Chronic Infection of Cystic Fibrosis Lung. PLoS ONE, 2011, 6, e24526.	2.5	31
31	CD80/CD86 signaling contributes to the proinflammatory response of Staphylococcus aureus in the airway. Cytokine, 2018, 107, 130-136.	3.2	30
32	Regulation of Type IV Fimbrial Biogenesis in Dichelobacter nodosus. Journal of Bacteriology, 2006, 188, 4801-4811.	2.2	28
33	Crystal structures of respiratory pathogen neuraminidases. Biochemical and Biophysical Research Communications, 2009, 380, 467-471.	2.1	27
34	Impact of Type I Interferons on Susceptibility to Bacterial Pathogens. Trends in Microbiology, 2021, 29, 823-835.	7.7	25
35	Genome Sequence of Bacterial Interference Strain Staphylococcus aureus 502A. Genome Announcements, 2014, 2, .	0.8	22
36	Dual Gene Expression Analysis Identifies Factors Associated with Staphylococcus aureus Virulence in Diabetic Mice. Infection and Immunity, 2019, 87, .	2.2	22

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37	Epithelial Uptake of Flagella Initiates Proinflammatory Signaling. PLoS ONE, 2013, 8, e59932.	2.5	21
38	Secretion of IL-16 through TNFR1 and calpain-caspase signaling contributes to MRSA pneumonia. Mucosal Immunology, 2014, 7, 1366-1374.	6.0	19
39	Characterization of the Anti-Inflammatory Capacity of IL-10-Producing Neutrophils in Response to Streptococcus pneumoniae Infection. Frontiers in Immunology, 2021, 12, 638917.	4.8	19
40	Identification of a Dichelobacter nodosus Ferric Uptake Regulator and Determination of Its Regulatory Targets. Journal of Bacteriology, 2005, 187, 366-375.	2.2	18
41	Staphylococcal DNA Repair Is Required for Infection. MBio, 2020, 11, .	4.1	18
42	Isolation of the Bacteriophage DinoHI from Dichelobacter nodosus and its Interactions with other Integrated Genetic Elements. Open Microbiology Journal, 2008, 2, 1-9.	0.7	18
43	Microbial pathogenesis and type III interferons. Cytokine and Growth Factor Reviews, 2016, 29, 45-51.	7.2	17
44	Trained immunity and hostâ€pathogen interactions. Cellular Microbiology, 2020, 22, e13261.	2.1	15
45	Innate Immune Responses to <i>Acinetobacter baumannii</i> in the Airway. Journal of Interferon and Cytokine Research, 2019, 39, 441-449.	1.2	14
46	Biological sex influences susceptibility to Acinetobacter baumannii pneumonia in mice. JCI Insight, 2020, 5, .	5.0	14
47	A live vaccine to Staphylococcus aureus infection. Virulence, 2018, 9, 700-702.	4.4	13
48	Differential Induction of Type I and III Interferons by Staphylococcus aureus. Infection and Immunity, 2020, 88, .	2.2	13
49	Impact of Type I and III Interferons on Respiratory Superinfections Due to Multidrug-Resistant Pathogens. Journal of Infectious Diseases, 2017, 215, S58-S63.	4.0	12
50	The ClpXP Protease Contributes to Staphylococcus aureus Pneumonia. Journal of Infectious Diseases, 2020, 222, 1400-1404.	4.0	12
51	A two-component regulatory system modulates twitching motility in Dichelobacter nodosus. Veterinary Microbiology, 2015, 179, 34-41.	1.9	11
52	Growth and Stress Tolerance Comprise Independent Metabolic Strategies Critical for Staphylococcus aureus Infection. MBio, 2021, 12, e0081421.	4.1	11
53	The Capsule of <i>Acinetobacter baumannii</i> Protects against the Innate Immune Response. Journal of Innate Immunity, 2022, 14, 543-554.	3.8	10
54	Rational Manipulation of mRNA Folding Free Energy Allows Rheostat Control of Pneumolysin Production by Streptococcus pneumoniae. PLoS ONE, 2015, 10, e0119823.	2.5	9

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55	Immunoregulatory effects of necroptosis in bacterial infections. Cytokine, 2016, 88, 274-275.	3.2	8
56	Revisiting Bacterial Interference in the Age of Methicillin-resistant Staphylococcus aureus. Pediatric Infectious Disease Journal, 2019, 38, 958-966.	2.0	7
57	Pseudomonas aeruginosa Host Immune Evasion. , 2015, , 3-23.		5
58	Inducible Costimulator Contributes to Methicillin-Resistant Staphylococcus aureus Pneumonia. Journal of Infectious Diseases, 2018, 218, 659-668.	4.0	4
59	<i>Pseudomonas aeruginosa</i>Can Degrade Interferon<i>Î»</i>, Thereby Repressing the Antiviral Response of Bronchial Epithelial Cells. Journal of Interferon and Cytokine Research, 2020, 40, 429-431.	1.2	3
60	A new approach to toxin neutralization in <i> <scp>S</scp> taphylococcus aureus </i> therapy. EMBO Reports, 2016, 17, 284-285.	4.5	2
61	Type I Interferon Responses to Airway Pathogens. , 2013, , 139-158.		0
62	Macrophage destruction and loss of immunoregulatory function contributes to the pathology associated with MRSA pneumonia. FASEB Journal, 2013, 27, 831.12.	0.5	0
63	Activation of Type I IFN Signaling by Staphylococcus aureus. , 2014, , 61-69.		0