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List of Publications by Year in descending order

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66
papers

3,867
citations

135682

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h-index

129810

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70
all docs

70
docs citations

70
times ranked

5517
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing surveillance for pediatric ventilator-associated events—But are they preventable?. <i>Infection Control and Hospital Epidemiology</i> , 2023, 44, 175-177.	2.0	2
2	Preventing pediatric catheter-associated urinary tract infections utilizing urinary catheter Kamishibai cards (K-cards). <i>American Journal of Infection Control</i> , 2023, 51, 919-925.	2.4	2
3	Rapid expansion and extinction of antibiotic resistance mutations during treatment of acute bacterial respiratory infections. <i>Nature Communications</i> , 2022, 13, 1231.	13.0	27
4	Association of Diagnostic Stewardship for Blood Cultures in Critically Ill Children With Culture Rates, Antibiotic Use, and Patient Outcomes. <i>JAMA Pediatrics</i> , 2022, 176, 690.	6.2	32
5	Strategies to prevent ventilator-associated pneumonia, ventilator-associated events, and nonventilator hospital-acquired pneumonia in acute-care hospitals: 2022 Update. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 687-713.	2.0	92
6	Multicomponent <i>Pseudomonas aeruginosa</i> Vaccines Eliciting Th17 Cells and Functional Antibody Responses Confer Enhanced Protection against Experimental Acute Pneumonia in Mice. <i>Infection and Immunity</i> , 2022, 90, .	2.3	3
7	The Role of Anesthetic Management in Surgical Site Infections After Pediatric Intestinal Surgery. <i>Journal of Surgical Research</i> , 2021, 259, 546-554.	1.6	7
8	Stewardship Intervention to Optimize Central Venous Catheter Utilization in Critically Ill Children. <i>Pediatric Quality & Safety</i> , 2021, 6, e389.	0.9	0
9	Risk factors for pediatric surgical site infection following neurosurgical procedures for hydrocephalus: a retrospective single-center cohort study. <i>BMC Anesthesiology</i> , 2021, 21, 124.	1.8	9
10	Anesthetics isoflurane and sevoflurane attenuate flagellin-mediated inflammation in the lung. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 254-260.	2.2	8
11	A <i>Pseudomonas aeruginosa</i> -Derived Particulate Vaccine Protects against <i>P. aeruginosa</i> Infection. <i>Vaccines</i> , 2021, 9, 803.	4.5	14
12	Evolution towards Virulence in a <i>Burkholderia</i> Two-Component System. <i>MBio</i> , 2021, 12, e0182321.	4.3	4
13	Central venous catheter bundle adherence: Kamishibai card (K-card) rounding for central-line-associated bloodstream infection (CLABSI) prevention. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, 1058-1063.	2.0	12
14	Stress ulcer prophylaxis versus placebo—a blinded randomized control trial to evaluate the safety of two strategies in critically ill infants with congenital heart disease (SUPPRESS-CHD). <i>Trials</i> , 2020, 21, 590.	1.6	4
15	Genomic and epidemiological evidence of bacterial transmission from probiotic capsule to blood in ICU patients. <i>Nature Medicine</i> , 2019, 25, 1728-1732.	29.9	189
16	Whole-Genome Sequences of <i>Staphylococcus aureus</i> Isolates from Cystic Fibrosis Lung Infections. <i>Microbiology Resource Announcements</i> , 2019, 8, .	1.1	13
17	Calm in the midst of cytokine storm: a collaborative approach to the diagnosis and treatment of hemophagocytic lymphohistiocytosis and macrophage activation syndrome. <i>Pediatric Rheumatology</i> , 2019, 17, 7.	2.1	76
18	Multidisciplinary Quality Improvement Intervention to Achieve Sustained Improvement in Hand Hygiene Reliability in a Pediatric Intensive Care Unit. <i>Pediatric Quality & Safety</i> , 2019, 4, e227.	0.9	4

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19	Variability in antimicrobial use in pediatric ventilator-associated events. <i>Infection Control and Hospital Epidemiology</i> , 2019, 40, 32-39.	2.0	10
20	Ceftaroline pharmacokinetics and pharmacodynamics in patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2018, 17, e25-e31.	0.6	17
21	Progress Toward the Elusive <i>Pseudomonas aeruginosa</i> Vaccine. <i>Surgical Infections</i> , 2018, 19, 757-768.	1.4	63
22	PLGA-encapsulation of the <i>Pseudomonas aeruginosa</i> PopB vaccine antigen improves Th17 responses and confers protection against experimental acute pneumonia. <i>Vaccine</i> , 2018, 36, 6926-6932.	3.9	28
23	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. <i>Toxicological Sciences</i> , 2017, 156, kfw261.	3.1	35
24	Global and local selection acting on the pathogen <i>Stenotrophomonas maltophilia</i> in the human lung. <i>Nature Communications</i> , 2017, 8, 14078.	13.0	57
25	Immune Recognition of the Epidemic Cystic Fibrosis Pathogen <i>Burkholderia dolosa</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.3	5
26	A Pediatric Approach to Ventilator-Associated Events Surveillance. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 327-333.	2.0	39
27	Incident <i>Stenotrophomonas maltophilia</i> infection and lung function decline in cystic fibrosis. <i>Pediatric Pulmonology</i> , 2017, 52, 1276-1282.	2.0	37
28	An Oxygen-Sensing Two-Component System in the <i>Burkholderia cepacia</i> Complex Regulates Biofilm, Intracellular Invasion, and Pathogenicity. <i>PLoS Pathogens</i> , 2017, 13, e1006116.	4.0	32
29	Efficacy of Antibody to PNAG Against Keratitis Caused by Fungal Pathogens. , 2016, 57, 6797.		15
30	Ventilator-Associated Events in Neonates and Children—A New Paradigm*. <i>Critical Care Medicine</i> , 2016, 44, 14-22.	0.9	61
31	Enteral Nutrition and Acid-Suppressive Therapy in the PICU: Impact on the Risk of Ventilator-Associated Pneumonia*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, 924-929.	0.6	24
32	Impact of Mandatory Public Reporting of Central Line-Associated Bloodstream Infections on Blood Culture and Antibiotic Utilization in Pediatric and Neonatal Intensive Care Units. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 878-885.	2.0	13
33	Infection-Related Ventilator-Associated Complications (iVAC) in Neonates and Children: Can We Identify It?. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.9	0
34	Intestinal Microbiota of Mice Influences Resistance to <i>Staphylococcus aureus</i> Pneumonia. <i>Infection and Immunity</i> , 2015, 83, 4003-4014.	2.3	180
35	<i>Lactobacillus</i> Bacteremia in Pediatric Intensive Care Unit Patients Receiving Probiotics. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.9	0
36	Vaccines for <i>Pseudomonas aeruginosa</i> : a long and winding road. <i>Expert Review of Vaccines</i> , 2014, 13, 507-519.	4.5	136

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37	Microbiota-Driven Immune Cellular Maturation Is Essential for Antibody-Mediated Adaptive Immunity to <i>Staphylococcus aureus</i> Infection in the Eye. <i>Infection and Immunity</i> , 2014, 82, 3483-3491.	2.3	18
38	Genetic variation of a bacterial pathogen within individuals with cystic fibrosis provides a record of selective pressures. <i>Nature Genetics</i> , 2014, 46, 82-87.	20.2	264
39	Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals: 2014 Update. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, 915-936.	2.0	288
40	Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals: 2014 Update. <i>Infection Control and Hospital Epidemiology</i> , 2014, 35, S133-S154.	2.0	125
41	Trehalose Biosynthesis Promotes <i>Pseudomonas aeruginosa</i> Pathogenicity in Plants. <i>PLoS Pathogens</i> , 2013, 9, e1003217.	4.0	80
42	Disinfection of needleless connectors with chlorhexidine-alcohol provides long-lasting residual disinfectant activity. <i>American Journal of Infection Control</i> , 2013, 41, e77-e79.	2.4	35
43	Collaboration Between Macrophages and Vaccine-Induced CD4+ T Cells Confers Protection Against Lethal <i>Pseudomonas aeruginosa</i> Pneumonia During Neutropenia. <i>Journal of Infectious Diseases</i> , 2013, 207, 39-49.	3.9	21
44	Targeting Pan-Resistant Bacteria With Antibodies to a Broadly Conserved Surface Polysaccharide Expressed During Infection. <i>Journal of Infectious Diseases</i> , 2012, 205, 1709-1718.	3.9	49
45	Hepoxilin A3 Facilitates Neutrophilic Breach of Lipoxygenase-Expressing Airway Epithelial Barriers. <i>Journal of Immunology</i> , 2012, 189, 4960-4969.	0.8	50
46	Topical Neutralization of Interleukin-17 during Experimental <i>Pseudomonas aeruginosa</i> Corneal Infection Promotes Bacterial Clearance and Reduces Pathology. <i>Infection and Immunity</i> , 2012, 80, 3706-3712.	2.3	33
47	Th17-stimulating Protein Vaccines Confer Protection against <i>Pseudomonas aeruginosa</i> Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 420-427.	6.4	125
48	Parallel bacterial evolution within multiple patients identifies candidate pathogenicity genes. <i>Nature Genetics</i> , 2011, 43, 1275-1280.	20.2	363
49	Pulmonary Monocytes/Macrophages And CD4 T Cells Are Critical Effectors Of Vaccine-Induced Protection Against <i>Pseudomonas Aeruginosa</i> Pneumonia In Neutropenic Mice. , 2011, , .		0
50	Mucosal Vaccination with a Multivalent, Live-Attenuated Vaccine Induces Multifactorial Immunity against <i>Pseudomonas aeruginosa</i> Acute Lung Infection. <i>Infection and Immunity</i> , 2011, 79, 1289-1299.	2.3	54
51	Analysis of Acquisition of <i>Pseudomonas aeruginosa</i> Gastrointestinal Mucosal Colonization and Horizontal Transmission in a Murine Model. <i>Journal of Infectious Diseases</i> , 2010, 201, 71-80.	3.9	17
52	Caveolin-1 Modifies the Immunity to <i>Pseudomonas aeruginosa</i> . <i>Journal of Immunology</i> , 2010, 184, 296-302.	0.8	47
53	Inescapable Need for Neutrophils as Mediators of Cellular Innate Immunity to Acute <i>Pseudomonas aeruginosa</i> Pneumonia. <i>Infection and Immunity</i> , 2009, 77, 5300-5310.	2.3	154
54	IL-17 Is a Critical Component of Vaccine-Induced Protection against Lung Infection by Lipopolysaccharide-Heterologous Strains of <i>Pseudomonas aeruginosa</i> . <i>Journal of Immunology</i> , 2008, 181, 4965-4975.	0.8	122

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55	The neutrophil serine protease inhibitor <i>serpinb1</i> preserves lung defense functions in <i>Pseudomonas aeruginosa</i> infection. <i>Journal of Experimental Medicine</i> , 2007, 204, 1901-1909.	8.7	110
56	A Live-Attenuated <i>Pseudomonas aeruginosa</i> Vaccine Elicits Outer Membrane Protein-Specific Active and Passive Protection against Corneal Infection. <i>Infection and Immunity</i> , 2006, 74, 975-983.	2.3	41
57	Editorial: Sepsis in the immunocompromised child: The least studied with the most to gain. <i>Pediatric Critical Care Medicine</i> , 2005, 6, S78-S79.	0.6	0
58	Virulence of <i>Pseudomonas aeruginosa</i> in a Murine Model of Gastrointestinal Colonization and Dissemination in Neutropenia. <i>Infection and Immunity</i> , 2005, 73, 2262-2272.	2.3	68
59	Human Monoclonal Antibodies to <i>Pseudomonas aeruginosa</i> Alginate That Protect against Infection by Both Mucoïd and Nonmucoïd Strains. <i>Journal of Immunology</i> , 2004, 173, 5671-5678.	0.8	99
60	The <i>galU</i> Gene of <i>Pseudomonas aeruginosa</i> Is Required for Corneal Infection and Efficient Systemic Spread following Pneumonia but Not for Infection Confined to the Lung. <i>Infection and Immunity</i> , 2004, 72, 4224-4232.	2.3	69
61	Protection against Fatal <i>Pseudomonas aeruginosa</i> Pneumonia in Mice after Nasal Immunization with a Live, Attenuated <i>aroA</i> Deletion Mutant. <i>Infection and Immunity</i> , 2003, 71, 1453-1461.	2.3	76
62	Vaccines for <i>Pseudomonas aeruginosa</i> . , 2003, , 260-282.		3
63	Construction and Characterization of a Live, Attenuated <i>aroA</i> Deletion Mutant of <i>Pseudomonas aeruginosa</i> as a Candidate Intranasal Vaccine. <i>Infection and Immunity</i> , 2002, 70, 1507-1517.	2.3	68
64	Acquisition of Expression of the <i>Pseudomonas aeruginosa</i> ExoU Cytotoxin Leads to Increased Bacterial Virulence in a Murine Model of Acute Pneumonia and Systemic Spread. <i>Infection and Immunity</i> , 2000, 68, 3998-4004.	2.3	174
65	Bacterial subretinal abscess: a case report and review of the literature. <i>American Journal of Ophthalmology</i> , 2000, 129, 778-785.	3.4	64
66	TLR5-Mediated Lung Injury is Attenuated by Volatile Anesthetics: Protection for Cystic Fibrosis Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.3	0