

Dimitri A Diavatopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,148
citations

172457

29
h-index

168389

53
g-index

64
all docs

64
docs citations

64
times ranked

4847
citing authors

#	ARTICLE	IF	CITATIONS
1	Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , 2016, 167, 1111-1124.e13.	28.9	364
2	<i>Bordetella pertussis</i> Strains with Increased Toxin Production Associated with Pertussis Resurgence. <i>Emerging Infectious Diseases</i> , 2009, 15, 1206-1213.	4.3	303
3	<i>Bordetella pertussis</i> , the Causative Agent of Whooping Cough, Evolved from a Distinct, Human-Associated Lineage of <i>B. bronchiseptica</i> . <i>PLoS Pathogens</i> , 2005, 1, e45.	4.7	252
4	BCG Vaccination Enhances the Immunogenicity of Subsequent Influenza Vaccination in Healthy Volunteers: A Randomized, Placebo-Controlled Pilot Study. <i>Journal of Infectious Diseases</i> , 2015, 212, 1930-1938.	4.0	210
5	Influenza A virus facilitates <i>Streptococcus pneumoniae</i> transmission and disease. <i>FASEB Journal</i> , 2010, 24, 1789-1798.	0.5	173
6	BCG Vaccination Induces Long-Term Functional Reprogramming of Human Neutrophils. <i>Cell Reports</i> , 2020, 33, 108387.	6.4	152
7	NLR4 inflammasomes in dendritic cells regulate noncognate effector function by memory CD8+ T cells. <i>Nature Immunology</i> , 2012, 13, 162-169.	14.5	150
8	Pertussis: a matter of immune modulation. <i>FEMS Microbiology Reviews</i> , 2011, 35, 441-474.	8.6	91
9	Interactions between <i>Streptococcus pneumoniae</i> and influenza virus: a mutually beneficial relationship?. <i>Future Microbiology</i> , 2012, 7, 609-624.	2.0	89
10	Increased Nasopharyngeal Bacterial Titers and Local Inflammation Facilitate Transmission of <i>Streptococcus pneumoniae</i> . <i>MBio</i> , 2012, 3, .	4.1	75
11	Secretory antibodies reduce systemic antibody responses against the gastrointestinal commensal flora. <i>International Immunology</i> , 2007, 19, 257-265.	4.0	70
12	Differentially Expressed Genes in <i>Bordetella pertussis</i> Strains Belonging to a Lineage Which Recently Spread Globally. <i>PLoS ONE</i> , 2014, 9, e84523.	2.5	68
13	PERISCOPE: road towards effective control of pertussis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, e179-e186.	9.1	67
14	SARS-CoV-2 mucosal antibody development and persistence and their relation to viral load and COVID-19 symptoms. <i>Nature Communications</i> , 2021, 12, 5621.	12.8	63
15	Influenza-Induced Inflammation Drives Pneumococcal Otitis Media. <i>Infection and Immunity</i> , 2013, 81, 645-652.	2.2	58
16	Comparative genomic profiling of Dutch clinical <i>Bordetella pertussis</i> isolates using DNA microarrays: Identification of genes absent from epidemic strains. <i>BMC Genomics</i> , 2008, 9, 311.	2.8	55
17	The Complement System Contributes to Functional Antibody-Mediated Responses Induced by Immunization with <i>Plasmodium falciparum</i> Malaria Sporozoites. <i>Infection and Immunity</i> , 2018, 86, .	2.2	51
18	Proteomics-Identified Bvg-Activated Autotransporters Protect against <i>Bordetella pertussis</i> in a Mouse Model. <i>PLoS ONE</i> , 2014, 9, e105011.	2.5	50

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19	Influenza Virus Induces Bacterial and Nonbacterial Otitis Media. <i>Journal of Infectious Diseases</i> , 2011, 204, 1857-1865.	4.0	47
20	Antibodies Mediate Formation of Neutrophil Extracellular Traps in the Middle Ear and Facilitate Secondary Pneumococcal Otitis Media. <i>Infection and Immunity</i> , 2014, 82, 364-370.	2.2	47
21	The vaccine potential of <i>Bordetella pertussis</i> biofilm-derived membrane proteins. <i>Emerging Microbes and Infections</i> , 2014, 3, 1-9.	6.5	46
22	Respiratory syncytial virus infection augments <i>NOD2</i> signaling in an <i>IFNα</i> -dependent manner in human primary cells. <i>European Journal of Immunology</i> , 2012, 42, 2727-2735.	2.9	42
23	Controlled Human Infection With <i>Bordetella pertussis</i> Induces Asymptomatic, Immunizing Colonization. <i>Clinical Infectious Diseases</i> , 2020, 71, 403-411.	5.8	40
24	What Is Wrong with Pertussis Vaccine Immunity?. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a029553.	5.5	37
25	Adaptation of <i>Bordetella pertussis</i> to the Respiratory Tract. <i>Journal of Infectious Diseases</i> , 2018, 217, 1987-1996.	4.0	35
26	Interacting, Nonspecific, Immunological Effects of Bacille Calmette-Guérin and Tetanus-diphtheria-pertussis Inactivated Polio Vaccinations: An Explorative, Randomized Trial. <i>Clinical Infectious Diseases</i> , 2020, 70, 455-463.	5.8	35
27	Modified Lipooligosaccharide Structure Protects Nontypeable <i>Haemophilus influenzae</i> from IgM-Mediated Complement Killing in Experimental Otitis Media. <i>MBio</i> , 2012, 3, e00079-12.	4.1	34
28	Mucosal immunity to severe acute respiratory syndrome coronavirus 2 infection. <i>Current Opinion in Infectious Diseases</i> , 2021, 34, 181-186.	3.1	34
29	The RECOVAC IR study: the immune response and safety of the mRNA-1273 COVID-19 vaccine in patients with chronic kidney disease, on dialysis or living with a kidney transplant. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, 1761-1764.	0.7	33
30	<i>Bacillus Calmette-Guérin</i> -Induced Trained Immunity Is Not Protective for Experimental Influenza A/Anhui/1/2013 (H7N9) Infection in Mice. <i>Frontiers in Immunology</i> , 2018, 9, 869.	4.8	32
31	Using Bioluminescent Imaging to Investigate Synergism Between <i>Streptococcus pneumoniae</i> and Influenza A Virus in Infant Mice. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	26
32	Investigating <i>Bordetella pertussis</i> colonisation and immunity: protocol for an inpatient controlled human infection model. <i>BMJ Open</i> , 2017, 7, e018594.	1.9	26
33	Reduced Expression of HLA-DR on Monocytes During Severe Respiratory Syncytial Virus Infections. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, e89-e96.	2.0	25
34	<i>Bordetella pertussis</i> isolates vary in their interactions with human complement components. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-11.	6.5	20
35	A novel flow cytometry-based assay for the quantification of antibody-dependent pneumococcal agglutination. <i>PLoS ONE</i> , 2017, 12, e0170884.	2.5	19
36	Inflammation in the Middle Ear of Children With Recurrent or Chronic Otitis Media Is Associated With Bacterial Load. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 1128-1134.	2.0	18

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37	Responses to an acellular pertussis booster vaccination in children, adolescents, and young and older adults: A collaborative study in Finland, the Netherlands, and the United Kingdom. <i>EBioMedicine</i> , 2021, 65, 103247.	6.1	18
38	Bacterial Lipopolysaccharide Inhibits Influenza Virus Infection of Human Macrophages and the Consequent Induction of CD8+ T Cell Immunity. <i>Journal of Innate Immunity</i> , 2014, 6, 129-139.	3.8	17
39	Monitoring of dynamic changes in Keyhole Limpet Hemocyanin (KLH)-specific B cells in KLH-vaccinated cancer patients. <i>Scientific Reports</i> , 2017, 7, 43486.	3.3	16
40	Antigen-Independent Restriction of Pneumococcal Density by Mucosal Adjuvant Cholera Toxin Subunit B. <i>Journal of Infectious Diseases</i> , 2016, 214, 1588-1596.	4.0	14
41	An <i>In vitro</i> Model to Study Immune Responses of Human Peripheral Blood Mononuclear Cells to Human Respiratory Syncytial Virus Infection. <i>Journal of Visualized Experiments</i> , 2013, , e50766.	0.3	13
42	Role of antibodies and IL17-mediated immunity in protection against pneumococcal otitis media. <i>Vaccine</i> , 2016, 34, 5968-5974.	3.8	12
43	Development of Endotoxin Tolerance Does Not Influence the Response to a Challenge with the Mucosal Live-Attenuated Influenza Vaccine in Humans In Vivo. <i>Frontiers in Immunology</i> , 2017, 8, 1600.	4.8	12
44	Multi-Omics Integration Reveals Only Minor Long-Term Molecular and Functional Sequelae in Immune Cells of Individuals Recovered From COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 838132.	4.8	10
45	Exploring metal availability in the natural niche of <i>Streptococcus pneumoniae</i> to discover potential vaccine antigens. <i>Virulence</i> , 2020, 11, 1310-1328.	4.4	8
46	Effect of FHA and Prn on <i>Bordetella pertussis</i> colonization of mice is dependent on vaccine type and anatomical site. <i>PLoS ONE</i> , 2020, 15, e0237394.	2.5	8
47	Genetic background impacts vaccine-induced reduction of pneumococcal colonization. <i>Vaccine</i> , 2017, 35, 5235-5241.	3.8	7
48	TLR-Induced IL-12 and CCL2 Production by Myeloid Cells Is Dependent on Adenosine A3 Receptor-Mediated Signaling. <i>Journal of Immunology</i> , 2019, 202, 2421-2430.	0.8	7
49	Modification of innate immune responses to <i>Bordetella pertussis</i> in babies from pertussis vaccinated pregnancies. <i>EBioMedicine</i> , 2021, 72, 103612.	6.1	6
50	Influenza A virus induced bacterial otitis media is independent of virus tropism for α 2,6-linked sialic acid. <i>Virology Journal</i> , 2013, 10, 128.	3.4	5
51	Nasopharyngeal Colonization with <i>Streptococcus pneumoniae</i> . , 2015, , 279-291.		5
52	Bimodal Targeting of Human Leukocytes by Fc- and CpG-Decorated Polymersomes to Tune Immune Induction. <i>Biomacromolecules</i> , 2021, 22, 4422-4433.	5.4	5
53	A novel quantitative PCR assay for the detection of <i>Streptococcus pneumoniae</i> using the competence regulator gene target <i>comX</i> . <i>Journal of Medical Microbiology</i> , 2016, 65, 129-136.	1.8	5
54	BCG-induced trained immunity enhances acellular pertussis vaccination responses in an explorative randomized clinical trial. <i>Npj Vaccines</i> , 2022, 7, 21.	6.0	5

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55	Immunogenicity and safety of COVID-19 vaccination in patients with primary Sjögren's syndrome. <i>RMD Open</i> , 2022, 8, e002265.	3.8	5
56	A Novel Method Linking Antigen Presentation by Human Monocyte-Derived Macrophages to CD8+ T Cell Polyfunctionality. <i>Frontiers in Immunology</i> , 2013, 4, 389.	4.8	3
57	Functional Programming of Innate Immune Cells in Response to <i>Bordetella pertussis</i> Infection and Vaccination. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1183, 53-80.	1.6	3
58	SARS-CoV-2 RNA in exhaled air of hospitalized COVID-19 patients. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
59	Ability of Antibiotic-Resistant Nonvaccine-Type Pneumococcal Clones to Cause Otitis Media in an Infant Mouse Model of Pneumococcal-Influenza Virus Coinfection. <i>Microbial Drug Resistance</i> , 2016, 22, 97-101.	2.0	2
60	High prevalence of <i>Bordetella pertussis</i> in young hospitalized infants with acute respiratory infection in the south of China: age- and season-dependent effects. <i>Journal of Infection</i> , 2020, 80, 578-606.	3.3	2