

Rory D. de Vries

List of Publications by Year in descending order

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86
papers

5,507
citations

101384

36
h-index

95083

68
g-index

96
all docs

96
docs citations

96
times ranked

8908
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenotype and kinetics of SARS-CoV-2-specific T cells in COVID-19 patients with acute respiratory distress syndrome. <i>Science Immunology</i> , 2020, 5, .	5.6	851
2	SARS-CoV-2 variants of concern partially escape humoral but not T cell responses in COVID-19 convalescent donors and vaccine recipients. <i>Science Immunology</i> , 2021, 6, .	5.6	455
3	Divergent SARS-CoV-2 Omicron-reactive T and B cell responses in COVID-19 vaccine recipients. <i>Science Immunology</i> , 2022, 7, eabo2202.	5.6	337
4	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. <i>Science</i> , 2019, 366, 599-606.	6.0	294
5	Early Target Cells of Measles Virus after Aerosol Infection of Non-Human Primates. <i>PLoS Pathogens</i> , 2011, 7, e1001263.	2.1	181
6	Intranasal fusion inhibitory lipopeptide prevents direct-contact SARS-CoV-2 transmission in ferrets. <i>Science</i> , 2021, 371, 1379-1382.	6.0	158
7	Measles Immune Suppression: Lessons from the Macaque Model. <i>PLoS Pathogens</i> , 2012, 8, e1002885.	2.1	146
8	Acyclovir-Resistant Corneal HSV-1 Isolates from Patients with Herpetic Keratitis. <i>Journal of Infectious Diseases</i> , 2008, 198, 659-663.	1.9	137
9	The RECOVAC Immune-response Study: The Immunogenicity, Tolerability, and Safety of COVID-19 Vaccination in Patients With Chronic Kidney Disease, on Dialysis, or Living With a Kidney Transplant. <i>Transplantation</i> , 2022, 106, 821-834.	0.5	127
10	Measles Virus Host Invasion and Pathogenesis. <i>Viruses</i> , 2016, 8, 210.	1.5	123
11	Virus-specific T cells as correlate of (cross-)protective immunity against influenza. <i>Vaccine</i> , 2015, 33, 500-506.	1.7	121
12	Modified Vaccinia Virus Ankara (MVA) as Production Platform for Vaccines against Influenza and Other Viral Respiratory Diseases. <i>Viruses</i> , 2014, 6, 2735-2761.	1.5	106
13	Immunogenicity and Reactogenicity of Vaccine Boosters after Ad26.COVS.2 Priming. <i>New England Journal of Medicine</i> , 2022, 386, 951-963.	13.9	102
14	Incomplete genetic reconstitution of B cell pools contributes to prolonged immunosuppression after measles. <i>Science Immunology</i> , 2019, 4, .	5.6	98
15	Acyclovir Susceptibility and Genetic Characteristics of Sequential Herpes Simplex Virus Type 1 Corneal Isolates from Patients with Recurrent Herpetic Keratitis. <i>Journal of Infectious Diseases</i> , 2009, 200, 1402-1414.	1.9	95
16	<i>In Vivo</i> Tropism of Attenuated and Pathogenic Measles Virus Expressing Green Fluorescent Protein in Macaques. <i>Journal of Virology</i> , 2010, 84, 4714-4724.	1.5	95
17	The pathogenesis of measles. <i>Current Opinion in Virology</i> , 2012, 2, 248-255.	2.6	90
18	Antigenic cartography of SARS-CoV-2 reveals that Omicron BA.1 and BA.2 are antigenically distinct. <i>Science Immunology</i> , 2022, 7, .	5.6	89

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19	Human Langerhans cells capture measles virus through Langerin and present viral antigens to CD4 ⁺ T cells but are incapable of cross-presentation. <i>European Journal of Immunology</i> , 2011, 41, 2619-2631.	1.6	85
20	Studies into the mechanism of measles-associated immune suppression during a measles outbreak in the Netherlands. <i>Nature Communications</i> , 2018, 9, 4944.	5.8	83
21	DC-SIGN and CD150 Have Distinct Roles in Transmission of Measles Virus from Dendritic Cells to T-Lymphocytes. <i>PLoS Pathogens</i> , 2008, 4, e1000049.	2.1	82
22	Influenza B viruses: not to be discounted. <i>Future Microbiology</i> , 2015, 10, 1447-1465.	1.0	80
23	Morbillivirus Infections: An Introduction. <i>Viruses</i> , 2015, 7, 699-706.	1.5	69
24	Measles Virus Infection of Epithelial Cells in the Macaque Upper Respiratory Tract Is Mediated by Subepithelial Immune Cells. <i>Journal of Virology</i> , 2013, 87, 4033-4042.	1.5	59
25	Matrix-M ₂ adjuvant enhances immunogenicity of both protein- and modified vaccinia virus Ankara-based influenza vaccines in mice. <i>Immunologic Research</i> , 2018, 66, 224-233.	1.3	58
26	Measles Immune Suppression: Functional Impairment or Numbers Game?. <i>PLoS Pathogens</i> , 2014, 10, e1004482.	2.1	53
27	Live-Attenuated Measles Virus Vaccine Targets Dendritic Cells and Macrophages in Muscle of Nonhuman Primates. <i>Journal of Virology</i> , 2015, 89, 2192-2200.	1.5	53
28	Influenza virus-specific antibody dependent cellular cytotoxicity induced by vaccination or natural infection. <i>Vaccine</i> , 2017, 35, 238-247.	1.7	49
29	Seasonal coronavirus-specific B cells with limited SARS-CoV-2 cross-reactivity dominate the IgG response in severe COVID-19. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	49
30	Recombinant Canine Distemper Virus Strain Snyder Hill Expressing Green or Red Fluorescent Proteins Causes Meningoencephalitis in the Ferret. <i>Journal of Virology</i> , 2012, 86, 7508-7519.	1.5	44
31	Measles Vaccination of Nonhuman Primates Provides Partial Protection against Infection with Canine Distemper Virus. <i>Journal of Virology</i> , 2014, 88, 4423-4433.	1.5	44
32	Viral vector-based influenza vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 2881-2901.	1.4	44
33	<i>In Vitro</i> Measles Virus Infection of Human Lymphocyte Subsets Demonstrates High Susceptibility and Permissiveness of both Naive and Memory B Cells. <i>Journal of Virology</i> , 2018, 92, .	1.5	43
34	Developing Universal Influenza Vaccines: Hitting the Nail, Not Just on the Head. <i>Vaccines</i> , 2015, 3, 239-262.	2.1	41
35	Human CD8 ⁺ T Cells Damage Noninfected Epithelial Cells during Influenza Virus Infection <i>In Vitro</i> . <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 536-546.	1.4	40
36	Infection of lymphoid tissues in the macaque upper respiratory tract contributes to the emergence of transmissible measles virus. <i>Journal of General Virology</i> , 2013, 94, 1933-1944.	1.3	39

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37	Immunogenicity of the mRNA-1273 COVID-19 vaccine in adult patients with inborn errors of immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1949-1957.	1.5	39
38	Delineating morbillivirus entry, dissemination and airborne transmission by studying in vivo competition of multicolor canine distemper viruses in ferrets. <i>PLoS Pathogens</i> , 2017, 13, e1006371.	2.1	37
39	A Prominent Role for DC-SIGN+ Dendritic Cells in Initiation and Dissemination of Measles Virus Infection in Non-Human Primates. <i>PLoS ONE</i> , 2012, 7, e49573.	1.1	35
40	Modified Vaccinia Virus Ankara Preferentially Targets Antigen Presenting Cells In Vitro, Ex Vivo and In Vivo. <i>Scientific Reports</i> , 2017, 7, 8580.	1.6	34
41	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.	0.4	33
42	Needle-free delivery of measles virus vaccine to the lower respiratory tract of non-human primates elicits optimal immunity and protection. <i>Npj Vaccines</i> , 2017, 2, 22.	2.9	32
43	Primary Human Influenza B Virus Infection Induces Cross-Lineage Hemagglutinin Stalk-Specific Antibodies Mediating Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Infectious Diseases</i> , 2018, 217, 3-11.	1.9	31
44	Specific CD8 ⁺ T _H 1 Lymphocytes control dissemination of measles virus. <i>European Journal of Immunology</i> , 2010, 40, 388-395.	1.6	29
45	Avian Influenza A Virus Pandemic Preparedness and Vaccine Development. <i>Vaccines</i> , 2018, 6, 46.	2.1	29
46	In Vitro Modelling of Respiratory Virus Infections in Human Airway Epithelial Cells – A Systematic Review. <i>Frontiers in Immunology</i> , 2021, 12, 683002.	2.2	28
47	Evaluation of a multi-species SARS-CoV-2 surrogate virus neutralization test. <i>One Health</i> , 2021, 13, 100313.	1.5	28
48	Universal influenza vaccines, science fiction or soon reality?. <i>Expert Review of Vaccines</i> , 2015, 14, 1299-1301.	2.0	26
49	Paramyxovirus infections in ex vivo lung slice cultures of different host species. <i>Journal of Virological Methods</i> , 2013, 193, 159-165.	1.0	25
50	Induction of Cross-Clade Antibody and T-Cell Responses by a Modified Vaccinia Virus Ankara-Based Influenza A(H5N1) Vaccine in a Randomized Phase 1/2a Clinical Trial. <i>Journal of Infectious Diseases</i> , 2018, 218, 614-623.	1.9	25
51	Antibody and T-Cell Responses 6 Months After Coronavirus Disease 2019 Messenger RNA-1273 Vaccination in Patients With Chronic Kidney Disease, on Dialysis, or Living With a Kidney Transplant. <i>Clinical Infectious Diseases</i> , 2023, 76, e188-e199.	2.9	24
52	Measles vaccination: new strategies and formulations. <i>Expert Review of Vaccines</i> , 2008, 7, 1215-1223.	2.0	23
53	Animal models of SARS-CoV-2 transmission. <i>Current Opinion in Virology</i> , 2021, 50, 8-16.	2.6	21
54	Measles pathogenesis, immune suppression and animal models. <i>Current Opinion in Virology</i> , 2020, 41, 31-37.	2.6	19

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55	Effects of pre-existing orthopoxvirus-specific immunity on the performance of Modified Vaccinia virus Ankara-based influenza vaccines. <i>Scientific Reports</i> , 2018, 8, 6474.	1.6	18
56	Identification and Characterization of CD4 ⁺ T Cell Epitopes after Shingrix Vaccination. <i>Journal of Virology</i> , 2020, 94, .	1.5	18
57	Induction of Influenza (H5N8) Antibodies by Modified Vaccinia Virus Ankara H5N1 Vaccine. <i>Emerging Infectious Diseases</i> , 2015, 21, 1086-1088.	2.0	16
58	SARS-CoV-2-specific T-cells in unexposed humans: presence of cross-reactive memory cells does not equal protective immunity. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 224.	7.1	16
59	Universal influenza vaccines: a realistic option?. <i>Clinical Microbiology and Infection</i> , 2016, 22, S120-S124.	2.8	15
60	High torque tenovirus (TTV) load before first vaccine dose is associated with poor serological response to COVID-19 vaccination in lung transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 765-772.	0.3	15
61	Human Respiratory Syncytial Virus Subgroup A and B Infections in Nasal, Bronchial, Small-Airway, and Organoid-Derived Respiratory Cultures. <i>MSphere</i> , 2021, 6, .	1.3	14
62	Understanding the association between sleep, shift work and COVID-19 vaccine immune response efficacy: Protocol of the Sâ€CORE study. <i>Journal of Sleep Research</i> , 2022, 31, e13496.	1.7	14
63	Heterologous Ad26.COVS Prime and mRNA-Based Boost COVID-19 Vaccination Regimens: The SWITCH Trial Protocol. <i>Frontiers in Immunology</i> , 2021, 12, 753319.	2.2	13
64	Measles skin rash: Infection of lymphoid and myeloid cells in the dermis precedes viral dissemination to the epidermis. <i>PLoS Pathogens</i> , 2020, 16, e1008253.	2.1	13
65	Evaluating measles vaccines: can we assess cellular immunity?. <i>Expert Review of Vaccines</i> , 2012, 11, 779-782.	2.0	11
66	Modeling the measles paradox reveals the importance of cellular immunity in regulating viral clearance. <i>PLoS Pathogens</i> , 2018, 14, e1007493.	2.1	11
67	Difference in sensitivity between SARS-CoV-2â€specific T cell assays in patients with underlying conditions. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	11
68	Complete Genome Sequence of Phocine Distemper Virus Isolated from a Harbor Seal (<i>Phoca vitulina</i>) during the 1988 North Sea Epidemic. <i>Genome Announcements</i> , 2013, 1, .	0.8	9
69	Paramyxovirus Infections in Ex Vivo Lung Slice Cultures of Different Host Species. <i>Methods and Protocols</i> , 2018, 1, 12.	0.9	9
70	Sustained Replication of Synthetic Canine Distemper Virus Defective Genomes <i>In Vitro</i> and <i>In Vivo</i> . <i>MSphere</i> , 2021, 6, e0053721.	1.3	9
71	Potency of Fusion-Inhibitory Lipopeptides against SARS-CoV-2 Variants of Concern. <i>MBio</i> , 2022, 13, .	1.8	9
72	Evaluation of synthetic infection-enhancing lipopeptides as adjuvants for a live-attenuated canine distemper virus vaccine administered intra-nasally to ferrets. <i>Vaccine</i> , 2012, 30, 5073-5080.	1.7	8

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73	Alveolar barrier disruption in varicella pneumonia is associated with neutrophil extracellular trap formation. <i>JCI Insight</i> , 2020, 5, .	2.3	8
74	Increased Protein Degradation Improves Influenza Virus Nucleoprotein-Specific CD8 ⁺ T Cell Activation <i>In Vitro</i> but Not in C57BL/6 Mice. <i>Journal of Virology</i> , 2016, 90, 10209-10219.	1.5	7
75	Protein and modified vaccinia virus Ankara-based influenza virus nucleoprotein vaccines are differentially immunogenic in BALB/c mice. <i>Clinical and Experimental Immunology</i> , 2017, 190, 19-28.	1.1	7
76	Durability of Immune Responses After Boosting in Ad26.COVID-2.S-Primed Healthcare Workers. <i>Clinical Infectious Diseases</i> , 2023, 76, e533-e536.	2.9	7
77	Pulmonary lesions following inoculation with the SARS-CoV-2 Omicron BA.1 (B.1.1.529) variant in Syrian golden hamsters. <i>Emerging Microbes and Infections</i> , 2022, 11, 1778-1786.	3.0	7
78	Analysis of the vaccine-induced influenza B virus hemagglutinin-specific antibody dependent cellular cytotoxicity response. <i>Virus Research</i> , 2020, 277, 197839.	1.1	6
79	Modeling Infection and Tropism of Human Parainfluenza Virus Type 3 in Ferrets. <i>MBio</i> , 2022, 13, e0383121.	1.8	5
80	Human Paramyxovirus Infections Induce T Cells That Cross-React with Zoonotic Henipaviruses. <i>MBio</i> , 2020, 11, .	1.8	4
81	In vivo comparison of a laboratory-adapted and clinical-isolate-based recombinant human respiratory syncytial virus. <i>Journal of General Virology</i> , 2020, 101, 1037-1046.	1.3	4
82	Repurposing an In Vitro Measles Virus Dissemination Assay for Screening of Antiviral Compounds. <i>Viruses</i> , 2022, 14, 1186.	1.5	4
83	Absence of COVID-19-associated changes in plasma coagulation proteins and pulmonary thrombosis in the ferret model. <i>Thrombosis Research</i> , 2022, 210, 6-11.	0.8	3
84	Comparable Infection Level and Tropism of Measles Virus and Canine Distemper Virus in Organotypic Brain Slice Cultures Obtained from Natural Host Species. <i>Viruses</i> , 2021, 13, 1582.	1.5	1
85	mSphere of Influence: Understanding Virus-Host Interactions Requires a Multifaceted Approach. <i>MSphere</i> , 2020, 5, .	1.3	0
86	Morbillivirus Infections in Non-human Primates: From Humans to Monkeys and Back Again. , 2020, , 205-231.		0