

Christina A Rostad

List of Publications by Year in descending order

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53
papers

3,303
citations

430874

18
h-index

243625

44
g-index

61
all docs

61
docs citations

61
times ranked

6486
citing authors

#	ARTICLE	IF	CITATIONS
1	Osteopontin as a biomarker for COVID-19 severity and multisystem inflammatory syndrome in children: A pilot study. <i>Experimental Biology and Medicine</i> , 2022, 247, 145-151.	2.4	13
2	Homologous and Heterologous Covid-19 Booster Vaccinations. <i>New England Journal of Medicine</i> , 2022, 386, 1046-1057.	27.0	418
3	Distinguishing Multisystem Inflammatory Syndrome in Children From COVID-19, Kawasaki Disease and Toxic Shock Syndrome. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, 315-323.	2.0	51
4	Limited induction of SARS-CoV-2-specific T cell responses in children with multisystem inflammatory syndrome compared with COVID-19. <i>JCI Insight</i> , 2022, 7, .	5.0	17
5	Serologic and Cytokine Signatures in Children With Multisystem Inflammatory Syndrome and Coronavirus Disease 2019. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofac070.	0.9	13
6	Predictive Value of Isolated Symptoms for Diagnosis of Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Children Tested During Peak Circulation of the Delta Variant. <i>Clinical Infectious Diseases</i> , 2022, 75, 1131-1139.	5.8	1
7	Functional antibody-dependent cell mediated cytotoxicity (ADCC) responses to vaccine and circulating influenza strains following vaccination. <i>Virology</i> , 2022, 569, 44-55.	2.4	2
8	240 Neurologic complications in children with seizures and respiratory illness: A comparison between SARS-CoV-2 and other respiratory viruses. <i>Journal of Clinical and Translational Science</i> , 2022, 6, 38-39.	0.6	0
9	Rapid decline in vaccine-boosted neutralizing antibodies against SARS-CoV-2 Omicron variant. <i>Cell Reports Medicine</i> , 2022, 3, 100679.	6.5	100
10	The burden of respiratory syncytial virus infections among children with sickle cell disease. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28759.	1.5	1
11	Development and optimization of a Zika virus antibody-dependent cell-mediated cytotoxicity (ADCC) assay. <i>Journal of Immunological Methods</i> , 2021, 488, 112900.	1.4	6
12	The RADx Tech Test Verification Core and the ACME POCT in the Evaluation of COVID-19 Testing Devices: A Model for Progress and Change. <i>IEEE Open Journal of Engineering in Medicine and Biology</i> , 2021, 2, 142-151.	2.3	11
13	Optimism and caution for an inactivated COVID-19 vaccine. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 581-582.	9.1	8
14	A multicenter evaluation of viral bloodstream detections in children presenting to the Emergency Department with suspected systemic infection. <i>BMC Pediatrics</i> , 2021, 21, 238.	1.7	0
15	Altered amino acid profile in patients with SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	68
16	Outcomes of COVID-19 in a cohort of pediatric patients with rheumatic diseases. <i>Pediatric Rheumatology</i> , 2021, 19, 94.	2.1	15
17	Implications of SARS-CoV-2 Viral Load in Children. <i>JAMA Pediatrics</i> , 2021, 175, e212022.	6.2	14
18	#52: Clinical Features and Management of Pediatric Patients Presenting with New Onset Acute Leukemia and Concomitant COVID-19. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, S4-S4.	1.3	0

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19	Impact of the Season of Birth on the Development of Juvenile Idiopathic Arthritis in the United States: A Nationwide Registry-based Study. <i>Journal of Rheumatology</i> , 2021, 48, 1856-1862.	2.0	1
20	Retropharyngeal Edema and Neck Pain in Multisystem Inflammatory Syndrome in Children (MIS-c). <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021, 10, 922-925.	1.3	15
21	Immune responses and therapeutic challenges in paediatric patients with new-onset acute myeloid leukaemia and concomitant COVID-19. <i>British Journal of Haematology</i> , 2021, 194, 549-553.	2.5	5
22	The development and kinetics of functional antibody-dependent cell-mediated cytotoxicity (ADCC) to SARS-CoV-2 spike protein. <i>Virology</i> , 2021, 559, 1-9.	2.4	29
23	Secretory phospholipase A2 in SARS-CoV-2 infection and multisystem inflammatory syndrome in children (MIS-C). <i>Experimental Biology and Medicine</i> , 2021, 246, 2543-2552.	2.4	20
24	A Retrospective Test-Negative Case-Control Study to Evaluate Influenza Vaccine Effectiveness in Preventing Hospitalizations in Children. <i>Clinical Infectious Diseases</i> , 2021, 73, 1759-1767.	5.8	10
25	Original antigenic sin responses to Betacoronavirus spike proteins are observed in a mouse model, but are not apparent in children following SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021, 16, e0256482.	2.5	16
26	The need for new test verification and regulatory support for innovative diagnostics. <i>Nature Biotechnology</i> , 2021, 39, 1060-1062.	17.5	2
27	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 1372-1377.	12.6	459
28	Cerebrospinal fluid cytokine, chemokine, and SARS-CoV-2 antibody profiles in children with neuropsychiatric symptoms associated with COVID-19. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 55, 103169.	2.0	20
29	Chest radiograph features of multisystem inflammatory syndrome in children (MIS-C) compared to pediatric COVID-19. <i>Pediatric Radiology</i> , 2021, 51, 231-238.	2.0	30
30	COVID-19 vaccine development: a pediatric perspective. <i>Current Opinion in Pediatrics</i> , 2021, 33, 144-151.	2.0	76
31	SARS-CoV-2 immune repertoire in MIS-C and pediatric COVID-19. <i>Nature Immunology</i> , 2021, 22, 1452-1464.	14.5	37
32	1329. Burden of Respiratory Syncytial Virus (RSV) Infection among Hospitalized Older Adults and Those with Underlying Chronic Obstructive Pulmonary Disease (COPD) or Congestive Heart Failure (CHF). <i>Open Forum Infectious Diseases</i> , 2021, 8, S752-S753.	0.9	0
33	1334. Outcomes Among Influenza and SARS-CoV-2 Infection in Hospitalized Adults Age ≥ 50 Years and with Underlying Chronic Obstructive Pulmonary Disease (COPD) or Congestive Heart Failure (CHF). <i>Open Forum Infectious Diseases</i> , 2021, 8, S755-S755.	0.9	0
34	1340. The Burden of Influenza and Rhinovirus Among Hospitalized Adults Post the COVID-19 Pandemic. <i>Open Forum Infectious Diseases</i> , 2021, 8, S757-S758.	0.9	1
35	Prospective Cohort Study of Next-Generation Sequencing as a Diagnostic Modality for Unexplained Encephalitis in Children. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2020, 9, 326-333.	1.3	32
36	Safety and Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults. <i>New England Journal of Medicine</i> , 2020, 383, 2427-2438.	27.0	1,242

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37	A Respiratory Syncytial Virus Attachment Gene Variant Associated with More Severe Disease in Infants Decreases Fusion Protein Expression, Which May Facilitate Immune Evasion. <i>Journal of Virology</i> , 2020, 95, .	3.4	8
38	Quantitative SARS-CoV-2 Serology in Children With Multisystem Inflammatory Syndrome (MIS-C). <i>Pediatrics</i> , 2020, 146, .	2.1	113
39	Congenital Toxoplasmosis Presenting as Eosinophilic Encephalomyelitis With Spinal Cord Hemorrhage. <i>Pediatrics</i> , 2020, 145, .	2.1	6
40	2314. Burden of Respiratory Syncytial Virus (RSV) Infection Among Hospitalized Older Adults and Those with Underlying Chronic Obstructive Pulmonary Disease (COPD) or Congestive Heart Failure (CHF). <i>Open Forum Infectious Diseases</i> , 2019, 6, S793-S794.	0.9	0
41	Evaluation of the role of respiratory syncytial virus surface glycoproteins F and G on viral stability and replication: implications for future vaccine design. <i>Journal of General Virology</i> , 2019, 100, 1112-1122.	2.9	6
42	Respiratory Syncytial Virus: Spectrum of Clinical Manifestations and Complications in Children. <i>Pediatric Annals</i> , 2019, 48, e349-e353.	0.8	6
43	Enhancing the Thermostability and Immunogenicity of a Respiratory Syncytial Virus (RSV) Live-Attenuated Vaccine by Incorporating Unique RSV Line19F Protein Residues. <i>Journal of Virology</i> , 2018, 92, .	3.4	22
44	The Morphology and Assembly of Respiratory Syncytial Virus Revealed by Cryo-Electron Tomography. <i>Viruses</i> , 2018, 10, 446.	3.3	69
45	Bacterial infections after pediatric heart transplantation: Epidemiology, risk factors and outcomes. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 996-1003.	0.6	31
46	Fluorescent and Bioluminescent Reporter Myxoviruses. <i>Viruses</i> , 2016, 8, 214.	3.3	6
47	A live RSV vaccine with engineered thermostability is immunogenic in cotton rats despite high attenuation. <i>Nature Communications</i> , 2016, 7, 13916.	12.8	81
48	A Recombinant Respiratory Syncytial Virus Vaccine Candidate Attenuated by a Low-Fusion F Protein Is Immunogenic and Protective against Challenge in Cotton Rats. <i>Journal of Virology</i> , 2016, 90, 7508-7518.	3.4	40
49	Evidence of Staphylococcal Toxic Shock Syndrome Caused by MRSA in a Mother's Newborn Pair. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 450-452.	2.0	2
50	Toddler with Fever and Grunting. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2015, 4, 370-372.	1.3	1
51	<i>Candida quercitrusa</i> Candidemia in a 6-Year-Old Child. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2785-2787.	3.9	4
52	Acute pancreatitis associated with dolutegravir and lamivudine/abacavir administration. <i>Aids</i> , 2015, 29, 390-392.	2.2	5
53	Modeling Transmembrane Transport through Cell Membrane Wounds Created by Acoustic Cavitation. <i>Biophysical Journal</i> , 2008, 95, 4124-4138.	0.5	65