

# Ofer Levy

## List of Publications by Citations

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168  
papers

9,120  
citations

50  
h-index

92  
g-index

200  
ext. papers

10,897  
ext. citations

7.7  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
168	Innate immunity of the newborn: basic mechanisms and clinical correlates. <i>Nature Reviews Immunology</i> , <b>2007</b> , 7, 379-90	36.5	869
167	Innate immune function by Toll-like receptors: distinct responses in newborns and the elderly. <i>Immunity</i> , <b>2012</b> , 37, 771-83	32.3	374
166	Selective predisposition to bacterial infections in IRAK-4-deficient children: IRAK-4-dependent TLRs are otherwise redundant in protective immunity. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2407-22	16.6	329
165	Selective impairment of TLR-mediated innate immunity in human newborns: neonatal blood plasma reduces monocyte TNF-alpha induction by bacterial lipopeptides, lipopolysaccharide, and imiquimod, but preserves the response to R-848. <i>Journal of Immunology</i> , <b>2004</b> , 173, 4627-34	5.3	302
164	Challenges in infant immunity: implications for responses to infection and vaccines. <i>Nature Immunology</i> , <b>2011</b> , 12, 189-94	19.1	298
163	Clinical features and outcome of patients with IRAK-4 and MyD88 deficiency. <i>Medicine (United States)</i> , <b>2010</b> , 89, 403-425	1.8	297
162	Lipid mediator-induced expression of bactericidal/ permeability-increasing protein (BPI) in human mucosal epithelia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 3902-7	11.5	246
161	Ontogeny of early life immunity. <i>Trends in Immunology</i> , <b>2014</b> , 35, 299-310	14.4	221
160	Protecting the Newborn and Young Infant from Infectious Diseases: Lessons from Immune Ontogeny. <i>Immunity</i> , <b>2017</b> , 46, 350-363	32.3	214
159	The adenosine system selectively inhibits TLR-mediated TNF-alpha production in the human newborn. <i>Journal of Immunology</i> , <b>2006</b> , 177, 1956-66	5.3	186
158	Infection-induced inflammation and cerebral injury in preterm infants. <i>Lancet Infectious Diseases, The</i> , <b>2014</b> , 14, 751-762	25.5	170
157	Innate immunity of the human newborn is polarized toward a high ratio of IL-6/TNF-alpha production in vitro and in vivo. <i>Pediatric Research</i> , <b>2006</b> , 60, 205-9	3.2	162
156	Impaired innate immunity in the newborn: newborn neutrophils are deficient in bactericidal/permeability-increasing protein. <i>Pediatrics</i> , <b>1999</b> , 104, 1327-33	7.4	160
155	Antimicrobial proteins and peptides of blood: templates for novel antimicrobial agents. <i>Blood</i> , <b>2000</b> , 96, 2664-2672	2.2	152
154	Harnessing the beneficial heterologous effects of vaccination. <i>Nature Reviews Immunology</i> , <b>2016</b> , 16, 392-400	36.5	148
153	Disseminated varicella infection due to the vaccine strain of varicella-zoster virus, in a patient with a novel deficiency in natural killer T cells. <i>Journal of Infectious Diseases</i> , <b>2003</b> , 188, 948-53	7	143
152	Defective innate immunity predisposes murine neonates to poor sepsis outcome but is reversed by TLR agonists. <i>Blood</i> , <b>2008</b> , 112, 1750-8	2.2	137

151	Unique efficacy of Toll-like receptor 8 agonists in activating human neonatal antigen-presenting cells. <i>Blood</i> , <b>2006</b> , 108, 1284-90	2.2	131
150	Antimicrobial proteins and peptides: anti-infective molecules of mammalian leukocytes. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 909-25	6.5	127
149	Antibiotic proteins of polymorphonuclear leukocytes. <i>European Journal of Haematology</i> , <b>1996</b> , 56, 263-73.	3.8	126
148	Skewed pattern of Toll-like receptor 4-mediated cytokine production in human neonatal blood: low LPS-induced IL-12p70 and high IL-10 persist throughout the first month of life. <i>Clinical Immunology</i> , <b>2009</b> , 133, 228-37	9	125
147	Role of innate host defenses in susceptibility to early-onset neonatal sepsis. <i>Clinics in Perinatology</i> , <b>2010</b> , 37, 307-37	2.8	107
146	Evidence of a bactericidal permeability increasing protein in an invertebrate, the <i>Crassostrea gigas</i> Cg-BPI. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 17759-64	11.5	106
145	Role of innate immunity in neonatal infection. <i>American Journal of Perinatology</i> , <b>2013</b> , 30, 105-12	3.3	102
144	Human nuclear factor kappa B essential modulator mutation can result in immunodeficiency without ectodermal dysplasia. <i>Journal of Allergy and Clinical Immunology</i> , <b>2004</b> , 114, 650-6	11.5	99
143	Age-dependent maturation of Toll-like receptor-mediated cytokine responses in Gambian infants. <i>PLoS ONE</i> , <b>2011</b> , 6, e18185	3.7	93
142	Human disease resulting from gene mutations that interfere with appropriate nuclear factor-kappaB activation. <i>Immunological Reviews</i> , <b>2005</b> , 203, 21-37	11.3	93
141	Imidazoquinoline Toll-like receptor 8 agonists activate human newborn monocytes and dendritic cells through adenosine-refractory and caspase-1-dependent pathways. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 130, 195-204.e9	11.5	86
140	Developmental biology of the innate immune response: implications for neonatal and infant vaccine development. <i>Pediatric Research</i> , <b>2009</b> , 65, 98R-105R	3.2	86
139	Innate immunity of the human newborn: distinct cytokine responses to LPS and other Toll-like receptor agonists. <i>Journal of Endotoxin Research</i> , <b>2005</b> , 11, 113-6		83
138	Dynamic molecular changes during the first week of human life follow a robust developmental trajectory. <i>Nature Communications</i> , <b>2019</b> , 10, 1092	17.4	79
137	Neonatal babesiosis: case report and review of the literature. <i>Pediatric Infectious Disease Journal</i> , <b>2006</b> , 25, 169-73	3.4	77
136	Toll-like receptor 8 agonist nanoparticles mimic immunomodulating effects of the live BCG vaccine and enhance neonatal innate and adaptive immune responses. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 140, 1339-1350	11.5	75
135	Individual and synergistic effects of rabbit granulocyte proteins on <i>Escherichia coli</i> . <i>Journal of Clinical Investigation</i> , <b>1994</b> , 94, 672-82	15.9	75
134	Heterologous ("nonspecific") and sex-differential effects of vaccines: epidemiology, clinical trials, and emerging immunologic mechanisms. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 57, 283-9	11.6	73

133	Safety and efficacy of neonatal vaccination. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 36-46	6.1	69
132	Bactericidal/permeability-increasing protein (BPI) and BPI homologs at mucosal sites. <i>Trends in Immunology</i> , <b>2008</b> , 29, 541-7	14.4	69
131	Potential of immunomodulatory agents for prevention and treatment of neonatal sepsis. <i>Journal of Perinatology</i> , <b>2009</b> , 29, 79-88	3.1	65
130	A neutrophil-derived anti-infective molecule: bactericidal/permeability-increasing protein. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2000</b> , 44, 2925-31	5.9	63
129	Extracellular accumulation of potentially microbicidal bactericidal/permeability-increasing protein and p15s in an evolving sterile rabbit peritoneal inflammatory exudate. <i>Journal of Clinical Investigation</i> , <b>1995</b> , 95, 1916-24	15.9	62
128	Systemic stimulation of TLR2 impairs neonatal mouse brain development. <i>PLoS ONE</i> , <b>2011</b> , 6, e19583	3.7	62
127	Soluble ecto-5′nucleotidase (5′NT), alkaline phosphatase, and adenosine deaminase (ADA1) activities in neonatal blood favor elevated extracellular adenosine. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 27315-27326	5.4	61
126	Bell's palsy and SARS-CoV-2 vaccines. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 450-452	25.5	59
125	TLR7/8 adjuvant overcomes newborn hyporesponsiveness to pneumococcal conjugate vaccine at birth. <i>JCI Insight</i> , <b>2017</b> , 2, e91020	9.9	58
124	A prime time for trained immunity: innate immune memory in newborns and infants. <i>Neonatology</i> , <b>2014</b> , 105, 136-41	4	55
123	TLR2 mediates recognition of live <i>Staphylococcus epidermidis</i> and clearance of bacteremia. <i>PLoS ONE</i> , <b>2010</b> , 5, e10111	3.7	54
122	Soluble mediators regulating immunity in early life. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 457	8.4	52
121	The ultra-potent and selective TLR8 agonist VTX-294 activates human newborn and adult leukocytes. <i>PLoS ONE</i> , <b>2013</b> , 8, e58164	3.7	52
120	Development of newborn and infant vaccines. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 90ps27	17.5	50
119	Neonatal plasma polarizes TLR4-mediated cytokine responses towards low IL-12p70 and high IL-10 production via distinct factors. <i>PLoS ONE</i> , <b>2012</b> , 7, e33419	3.7	48
118	Immune response to vaccine adjuvants during the first year of life. <i>Vaccine</i> , <b>2013</b> , 31, 2500-5	4.1	47
117	Integration of antimicrobial host defenses: role of the bactericidal/permeability-increasing protein. <i>Trends in Microbiology</i> , <b>1994</b> , 2, 324-8	12.4	47
116	Age-Specific Adjuvant Synergy: Dual TLR7/8 and Mincle Activation of Human Newborn Dendritic Cells Enables Th1 Polarization. <i>Journal of Immunology</i> , <b>2016</b> , 197, 4413-4424	5.3	45

115	Responsiveness of human monocytes to the commensal bacterium <i>Staphylococcus epidermidis</i> develops late in gestation. <i>Pediatric Research</i> , <b>2012</b> , 72, 10-8	3.2	45
114	Neonatal immune responses to coagulase-negative staphylococci. <i>Current Opinion in Infectious Diseases</i> , <b>2007</b> , 20, 370-5	5.4	45
113	Enhancement of neonatal innate defense: effects of adding an N-terminal recombinant fragment of bactericidal/permeability-increasing protein on growth and tumor necrosis factor-inducing activity of gram-negative bacteria tested in neonatal cord blood ex vivo. <i>Infection and Immunity</i> , <b>2000</b> , 68, 5120-5	3.7	43
112	Allogeneic transplantation successfully corrects immune defects, but not susceptibility to colitis, in a patient with nuclear factor-kappaB essential modulator deficiency. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 122, 1113-1118.e1	11.5	42
111	Immunostimulatory activity of Toll-like receptor 8 agonists towards human leucocytes: basic mechanisms and translational opportunities. <i>Biochemical Society Transactions</i> , <b>2007</b> , 35, 1485-91	5.1	42
110	Expression of BPI (bactericidal/permeability-increasing protein) in human mucosal epithelia. <i>Biochemical Society Transactions</i> , <b>2003</b> , 31, 795-800	5.1	42
109	Innate immune memory: implications for development of pediatric immunomodulatory agents and adjuvanted vaccines. <i>Pediatric Research</i> , <b>2014</b> , 75, 184-8	3.2	41
108	17(R)-Resolvin D1 differentially regulates TLR4-mediated responses of primary human macrophages to purified LPS and live <i>E. coli</i> . <i>Journal of Leukocyte Biology</i> , <b>2011</b> , 90, 459-70	6.5	41
107	Plasma-mediated immune suppression: a neonatal perspective. <i>Pediatric Allergy and Immunology</i> , <b>2013</b> , 24, 102-13	4.2	40
106	Functional and biochemical characterization of epithelial bactericidal/permeability-increasing protein. <i>American Journal of Physiology - Renal Physiology</i> , <b>2006</b> , 290, G557-67	5.1	39
105	Critical role of the complement system in group B streptococcus-induced tumor necrosis factor alpha release. <i>Infection and Immunity</i> , <b>2003</b> , 71, 6344-53	3.7	39
104	Neonatal innate immunity in allergy development. <i>Current Opinion in Pediatrics</i> , <b>2009</b> , 21, 762-9	3.2	38
103	Licensed Bacille Calmette-Guérin (BCG) formulations differ markedly in bacterial viability, RNA content and innate immune activation. <i>Vaccine</i> , <b>2020</b> , 38, 2229-2240	4.1	37
102	BCG vaccination-induced emergency granulopoiesis provides rapid protection from neonatal sepsis. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	35
101	Therapeutic potential of the bactericidal/permeability-increasing protein. <i>Expert Opinion on Investigational Drugs</i> , <b>2002</b> , 11, 159-67	5.9	35
100	Human neonatal peripheral blood leukocytes demonstrate pathogen-specific coordinate expression of TLR2, TLR4/MD2, and MyD88 during bacterial infection in vivo. <i>Pediatric Research</i> , <b>2010</b> , 68, 479-83	3.2	34
99	Bactericidal/permeability-increasing protein (rBPI21) and fluoroquinolone mitigate radiation-induced bone marrow aplasia and death. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 110ra118	17.5	34
98	The Imidazoquinoline Toll-Like Receptor-7/8 Agonist Hybrid-2 Potently Induces Cytokine Production by Human Newborn and Adult Leukocytes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134640	3.7	33

97	BCG as a Case Study for Precision Vaccine Development: Lessons From Vaccine Heterogeneity, Trained Immunity, and Immune Ontogeny. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 332	5.7	32
96	Toward precision adjuvants: optimizing science and safety. <i>Current Opinion in Pediatrics</i> , <b>2020</b> , 32, 125-138	3.8	32
95	Pentoxifylline inhibits TLR- and inflammasome-mediated in vitro inflammatory cytokine production in human blood with greater efficacy and potency in newborns. <i>Pediatric Research</i> , <b>2017</b> , 81, 806-816	3.2	29
94	Immunomodulation to Prevent or Treat Neonatal Sepsis: Past, Present, and Future. <i>Frontiers in Pediatrics</i> , <b>2018</b> , 6, 199	3.4	29
93	Neonatal Immunization: Rationale, Current State, and Future Prospects. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 532	8.4	29
92	A neonatal model of intravenous Staphylococcus epidermidis infection in mice . <i>PLoS ONE</i> , <b>2012</b> , 7, e43897	3.7	28
91	In vitro cytokine induction by TLR-activating vaccine adjuvants in human blood varies by age and adjuvant. <i>Cytokine</i> , <b>2016</b> , 83, 99-109	4	28
90	Recombinant bactericidal/permeability-increasing protein rBPI21 protects against pneumococcal disease. <i>Infection and Immunity</i> , <b>2007</b> , 75, 342-9	3.7	27
89	Use of cidofovir in pediatric patients with adenovirus infection. <i>F1000Research</i> , <b>2016</b> , 5, 758	3.6	27
88	Adjuvant Effect of Bacille Calmette-Guérin on Hepatitis B Vaccine Immunogenicity in the Preterm and Term Newborn. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 29	8.4	26
87	Heterologous vaccine effects. <i>Vaccine</i> , <b>2016</b> , 34, 3923-30	4.1	25
86	Identification and Characterization of Stimulator of Interferon Genes As a Robust Adjuvant Target for Early Life Immunization. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1772	8.4	25
85	Method of bacterial killing differentially affects the human innate immune response to Staphylococcus epidermidis. <i>Innate Immunity</i> , <b>2011</b> , 17, 508-16	2.7	25
84	The effect of stable macromolecular complexes of ionic polyphosphazene on HIV Gag antigen and on activation of human dendritic cells and presentation to T-cells. <i>Biomaterials</i> , <b>2014</b> , 35, 8876-8886	15.6	24
83	Pediatric Vaccine Adjuvants: Components of the Modern Vaccinologist's Toolbox. <i>Pediatric Infectious Disease Journal</i> , <b>2015</b> , 34, 1395-8	3.4	24
82	Adenosine modulates Toll-like receptor function: basic mechanisms and translational opportunities. <i>Expert Review of Anti-Infective Therapy</i> , <b>2011</b> , 9, 261-9	5.5	24
81	Antimicrobial Proteins and Peptides in Early Life: Ontogeny and Translational Opportunities. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 309	8.4	24
80	Distinct TLR-mediated cytokine production and immunoglobulin secretion in human newborn naïve B cells. <i>Innate Immunity</i> , <b>2016</b> , 22, 433-43	2.7	23

79	Neonatal host defense against Staphylococcal infections. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 826303		23
78	Staphylococcus epidermidis Bacteremia Induces Brain Injury in Neonatal Mice via Toll-like Receptor 2-Dependent and -Independent Pathways. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212, 1480-90	7	22
77	Oral antibiotics increase blood neutrophil maturation and reduce bacteremia and necrotizing enterocolitis in the immediate postnatal period of preterm pigs. <i>Innate Immunity</i> , <b>2016</b> , 22, 51-62	2.7	21
76	Bactericidal/permeability-increasing protein in host defense and its efficacy in the treatment of bacterial sepsis. <i>Current Infectious Disease Reports</i> , <b>2001</b> , 3, 407-412	3.9	21
75	A Cost-Effective High-Throughput Plasma and Serum Proteomics Workflow Enables Mapping of the Molecular Impact of Total Pancreatectomy with Islet Autotransplantation. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1983-1992	5.6	20
74	Considering Mandatory Vaccination of Children for COVID-19. <i>Pediatrics</i> , <b>2021</b> , 147,	7.4	19
73	Changing oral vaccine to inactivated polio vaccine might increase mortality. <i>Lancet, The</i> , <b>2016</b> , 387, 1054-1055	4.1	19
72	OMIC Technologies and Vaccine Development: From the Identification of Vulnerable Individuals to the Formulation of Invulnerable Vaccines. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 8732191	4.5	18
71	Adjuvant-induced Human Monocyte Secretome Profiles Reveal Adjuvant- and Age-specific Protein Signatures. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 1877-94	7.6	18
70	Endotoxemia and elevation of lipopolysaccharide-binding protein after hematopoietic stem cell transplantation. <i>Pediatric Infectious Disease Journal</i> , <b>2003</b> , 22, 978-81	3.4	18
69	Impaired innate immunity at birth: deficiency of bactericidal/permeability-increasing protein (BPI) in the neutrophils of newborns. <i>Pediatric Research</i> , <b>2002</b> , 51, 667-9	3.2	18
68	Human alkaline phosphatase dephosphorylates microbial products and is elevated in preterm neonates with a history of late-onset sepsis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175936	3.7	18
67	Microphysiologic Human Tissue Constructs Reproduce Autologous Age-Specific BCG and HBV Primary Immunization. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2634	8.4	18
66	Circulating Human Neonatal Naïve B Cells are Deficient in CD73 Impairing Purine Salvage. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 121	8.4	17
65	Immunometabolic approaches to prevent, detect, and treat neonatal sepsis. <i>Pediatric Research</i> , <b>2020</b> , 87, 399-405	3.2	16
64	Systems vaccinology: a promise for the young and the poor. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370,	5.8	15
63	A Meningococcal Outer Membrane Vesicle Vaccine Incorporating Genetically Attenuated Endotoxin Dissociates Inflammation from Immunogenicity. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 562	8.4	15
62	Deficient expression of bactericidal/permeability-increasing protein in immunocompromised hosts: translational potential of replacement therapy. <i>Biochemical Society Transactions</i> , <b>2011</b> , 39, 994-9	5.1	14

61	Use of cidofovir in pediatric patients with adenovirus infection. <i>F1000Research</i> , <b>2016</b> , 5, 758	3.6	14
60	Integrative Metabolomics to Identify Molecular Signatures of Responses to Vaccines and Infections. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	14
59	Pentoxifylline, dexamethasone and azithromycin demonstrate distinct age-dependent and synergistic inhibition of TLR- and inflammasome-mediated cytokine production in human newborn and adult blood in vitro. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196352	3.7	13
58	Early antiretroviral therapy-treated perinatally HIV-infected seronegative children demonstrate distinct long-term persistence of HIV-specific T-cell and B-cell memory. <i>Aids</i> , <b>2020</b> , 34, 669-680	3.5	12
57	Endotoxin-directed innate immunity in tracheal aspirates of mechanically ventilated human neonates. <i>Pediatric Research</i> , <b>2009</b> , 66, 191-6	3.2	12
56	Human newborn B cells mount an interferon- $\gamma$ receptor-dependent humoral response to respiratory syncytial virus. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 1997-2000.e4	11.5	10
55	Ready to benefit from training: heterologous effects of early life immunization. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2015</b> , 109, 3-4	2	10
54	Innate immune activation in neonatal tracheal aspirates suggests endotoxin-driven inflammation. <i>Pediatric Research</i> , <b>2012</b> , 72, 203-11	3.2	10
53	Ensuring vaccine safety. <i>Science</i> , <b>2020</b> , 370, 1274-1275	33.3	10
52	The TLR5 Agonist Flagellin Shapes Phenotypical and Functional Activation of Lung Mucosal Antigen Presenting Cells in Neonatal Mice. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 171	8.4	9
51	First International Precision Vaccines Conference: Multidisciplinary Approaches to Next-Generation Vaccines. <i>MSphere</i> , <b>2018</b> , 3,	5	8
50	Vascular Endothelium in Neonatal Sepsis: Basic Mechanisms and Translational Opportunities. <i>Frontiers in Pediatrics</i> , <b>2019</b> , 7, 340	3.4	8
49	Neutrophil defense in patients undergoing bone marrow transplantation: bactericidal/permeability-increasing protein (BPI) and defensins in graft-derived neutrophils. <i>Transplantation</i> , <b>2002</b> , 73, 1522-6	1.8	8
48	Fatal disseminated <i>Candida lusitanae</i> infection in an infant with chronic granulomatous disease. <i>Pediatric Infectious Disease Journal</i> , <b>2002</b> , 21, 262-4	3.4	8
47	Increasing FIM2/3 antigen-content improves efficacy of <i>Bordetella pertussis</i> vaccines in mice in vivo without altering vaccine-induced human reactogenicity biomarkers in vitro. <i>Vaccine</i> , <b>2019</b> , 37, 80-89	4.1	8
46	Clinical Protocol for a Longitudinal Cohort Study Employing Systems Biology to Identify Markers of Vaccine Immunogenicity in Newborn Infants in The Gambia and Papua New Guinea. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 197	3.4	7
45	Vancomycin Is Protective in a Neonatal Mouse Model of -Potentiated Hypoxic-Ischemic Brain Injury. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	7
44	Neonatal vaccination: a once in a lifetime opportunity. <i>Pediatric Infectious Disease Journal</i> , <b>2009</b> , 28, 833-4	3.4	7



43	An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity.. <i>Cell</i> , <b>2022</b> , 185, 614-629.e21	56.2	7
42	Phosphoric Metabolites Link Phosphate Import and Polysaccharide Biosynthesis for <i>Candida albicans</i> Cell Wall Maintenance. <i>MBio</i> , <b>2020</b> , 11,	7.8	6
41	Fc gamma receptors in respiratory syncytial virus infections: implications for innate immunity. <i>Reviews in Medical Virology</i> , <b>2014</b> , 24, 55-70	11.7	6
40	Identification of single nucleotide polymorphisms in hematopoietic cell transplant patients affecting early recognition of, and response to, endotoxin. <i>Innate Immunity</i> , <b>2014</b> , 20, 697-711	2.7	6
39	Potential Role of Coagulase-negative Staphylococcus Infection in Preterm Brain Injury. <i>Advances in Neuroimmune Biology</i> , <b>2012</b> , 3, 41-48	0.7	6
38	An aluminum hydroxide:CpG adjuvant enhances protection elicited by a SARS-CoV-2 receptor binding domain vaccine in aged mice. <i>Science Translational Medicine</i> , <b>2022</b> , 14,	17.5	6
37	Alum:CpG adjuvant enables SARS-CoV-2 RBD-induced protection in aged mice and synergistic activation of human elder type 1 immunity <b>2021</b> ,		6
36	Cyclic AMP in human preterm infant blood is associated with increased TLR-mediated production of acute-phase and anti-inflammatory cytokines in vitro. <i>Pediatric Research</i> , <b>2020</b> , 88, 717-725	3.2	6
35	Bell's palsy and SARS-CoV-2 vaccines-an unfolding story - AuthorsUreply. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 1211-1212	25.5	6
34	Sensitizes Perinatal Hypoxic-Ischemic Brain Injury in Male but Not Female Mice. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 516	8.4	5
33	Bactericidal/permeability-increasing protein in host defense and its efficacy in the treatment of bacterial sepsis. <i>Current Infectious Disease Reports</i> , <b>2007</b> , 3, 407-12	3.9	5
32	Immunological mechanisms of inducing HIV immunity in infants. <i>Vaccine</i> , <b>2020</b> , 38, 411-415	4.1	5
31	Pentoxifylline Alone or in Combination with Gentamicin or Vancomycin Inhibits Live Microbe-Induced Proinflammatory Cytokine Production in Human Cord Blood and Cord Blood Monocytes. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	5
30	Bruton tyrosine kinase (Btk): key for signaling via Toll-like receptor 8. <i>Blood</i> , <b>2007</b> , 109, 2273-2274	2.2	4
29	Genetic screening for susceptibility to infection in the NICU setting. <i>Pediatric Research</i> , <b>2004</b> , 55, 546-8	3.2	4
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22	Early Life HIV-1 Immunization: Providing a Window for Protection Before Sexual Debut. <i>AIDS Research and Human Retroviruses</i> , <b>2018</b> , 34, 823-827	1.6	2
21	A new unexpected twist in newborn immunity. <i>Nature Medicine</i> , <b>2014</b> , 20, 22-3	50.5	2
20	Mononuclear Phagocyte System <b>2017</b> , 1208-1216.e3		2
19	Pilot experience with opebacan/rBPI 21 in myeloablative hematopoietic cell transplantation. <i>F1000Research</i> , <b>2015</b> , 4, 1480	3.6	2
18	Vaccination of Term and Preterm Infants. <i>NeoReviews</i> , <b>2020</b> , 21, e817-e827	1.1	2
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14	Myeloablative Hematopoietic Stem Cell Transplantation (HSCT) Is Accompanied by Endotoxemia, Activation of Endotoxin-Directed Innate Immunity, and Deficiency of Endogenous Proteins That Limit Endotoxin- Induced TNF Production. <i>Blood</i> , <b>2008</b> , 112, 800-800	2.2	1
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12	A cloud-based bioinformatic analytic infrastructure and Data Management Core for the Expanded Program on Immunization Consortium. <i>Journal of Clinical and Translational Science</i> , <b>2020</b> , 5, e52	0.4	1
11	An adjuvanted SARS-CoV-2 RBD nanoparticle elicits neutralizing antibodies and fully protective immunity in aged mice		1
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