

Ofer Levy

List of Publications by Year in descending order

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174
papers

11,973
citations

28190

55
h-index

30010

103
g-index

200
all docs

200
docs citations

200
times ranked

12094
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate immunity of the newborn: basic mechanisms and clinical correlates. <i>Nature Reviews Immunology</i> , 2007, 7, 379-390.	10.6	1,041
2	Innate Immune Function by Toll-like Receptors: Distinct Responses in Newborns and the Elderly. <i>Immunity</i> , 2012, 37, 771-783.	6.6	478
3	Challenges in infant immunity: implications for responses to infection and vaccines. <i>Nature Immunology</i> , 2011, 12, 189-194.	7.0	384
4	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> , 2007, 204, 2407-2422.	4.2	374
5	Clinical Features and Outcome of Patients With IRAK-4 and MyD88 Deficiency. <i>Medicine (United States)</i> , 2010, 89, 403-425.	0.4	366
6	Selective Impairment of TLR-Mediated Innate Immunity in Human Newborns: Neonatal Blood Plasma Reduces Monocyte TNF- α Induction by Bacterial Lipopeptides, Lipopolysaccharide, and Imiquimod, but Preserves the Response to R-848. <i>Journal of Immunology</i> , 2004, 173, 4627-4634.	0.4	342
7	Protecting the Newborn and Young Infant from Infectious Diseases: Lessons from Immune Ontogeny. <i>Immunity</i> , 2017, 46, 350-363.	6.6	326
8	Ontogeny of early life immunity. <i>Trends in Immunology</i> , 2014, 35, 299-310.	2.9	300
9	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> , 2002, 99, 3902-3907.	3.3	271
10	Infection-induced inflammation and cerebral injury in preterm infants. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 751-762.	4.6	235
11	The Adenosine System Selectively Inhibits TLR-Mediated TNF- α Production in the Human Newborn. <i>Journal of Immunology</i> , 2006, 177, 1956-1966.	0.4	214
12	Harnessing the beneficial heterologous effects of vaccination. <i>Nature Reviews Immunology</i> , 2016, 16, 392-400.	10.6	213
13	Impaired Innate Immunity in the Newborn: Newborn Neutrophils Are Deficient in Bactericidal/Permeability-Increasing Protein. <i>Pediatrics</i> , 1999, 104, 1327-1333.	1.0	190
14	Innate Immunity of the Human Newborn Is Polarized Toward a High Ratio of IL-6/TNF- α Production In Vitro and In Vivo. <i>Pediatric Research</i> , 2006, 60, 205-209.	1.1	185
15	Antimicrobial proteins and peptides of blood: templates for novel antimicrobial agents. <i>Blood</i> , 2000, 96, 2664-2672.	0.6	172
16	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> , 2003, 188, 948-953.	1.9	162
17	Defective innate immunity predisposes murine neonates to poor sepsis outcome but is reversed by TLR agonists. <i>Blood</i> , 2008, 112, 1750-1758.	0.6	158
18	Unique efficacy of Toll-like receptor 8 agonists in activating human neonatal antigen-presenting cells. <i>Blood</i> , 2006, 108, 1284-1290.	0.6	157

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19	Antibiotic proteins of polymorphonuclear leukocytes. <i>European Journal of Haematology</i> , 1996, 56, 263-277.	1.1	151
20	Dynamic molecular changes during the first week of human life follow a robust developmental trajectory. <i>Nature Communications</i> , 2019, 10, 1092.	5.8	151
21	Antimicrobial proteins and peptides: anti-infective molecules of mammalian leukocytes. <i>Journal of Leukocyte Biology</i> , 2004, 76, 909-925.	1.5	146
22	Role of Innate Host Defenses in Susceptibility to Early-Onset Neonatal Sepsis. <i>Clinics in Perinatology</i> , 2010, 37, 307-337.	0.8	142
23	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> , 2009, 133, 228-237.	1.4	133
24	Role of Innate Immunity in Neonatal Infection. <i>American Journal of Perinatology</i> , 2013, 30, 105-112.	0.6	128
25	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> , 2017, 140, 1339-1350.	1.5	128
26	Bell's palsy and SARS-CoV-2 vaccines. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 450-452.	4.6	127
27	Evidence of a bactericidal permeability increasing protein in an invertebrate, the <i>Crassostrea gigas</i> Cg <i>BPI</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17759-17764.	3.3	124
28	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> , 2012, 130, 195-204.e9.	1.5	115
29	Human nuclear factor κ B essential modulator mutation can result in immunodeficiency without ectodermal dysplasia. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 114, 650-656.	1.5	112
30	Age-Dependent Maturation of Toll-Like Receptor-Mediated Cytokine Responses in Gambian Infants. <i>PLoS ONE</i> , 2011, 6, e18185.	1.1	109
31	Human disease resulting from gene mutations that interfere with appropriate nuclear factor-kappaB activation. <i>Immunological Reviews</i> , 2005, 203, 21-37.	2.8	101
32	Developmental Biology of the Innate Immune Response: Implications for Neonatal and Infant Vaccine Development. <i>Pediatric Research</i> , 2009, 65, 98R-105R.	1.1	101
33	Heterologous ("Nonspecific") and Sex-Differential Effects of Vaccines: Epidemiology, Clinical Trials, and Emerging Immunologic Mechanisms. <i>Clinical Infectious Diseases</i> , 2013, 57, 283-289.	2.9	97
34	Neonatal Babesiosis. <i>Pediatric Infectious Disease Journal</i> , 2006, 25, 169-173.	1.1	94
35	Innate immunity of the human newborn: distinct cytokine responses to LPS and other Toll-like receptor agonists. <i>Journal of Endotoxin Research</i> , 2005, 11, 113-116.	2.5	90
36	Individual and synergistic effects of rabbit granulocyte proteins on <i>Escherichia coli</i> . <i>Journal of Clinical Investigation</i> , 1994, 94, 672-682.	3.9	88

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37	Soluble Mediators Regulating Immunity in Early Life. <i>Frontiers in Immunology</i> , 2014, 5, 457.	2.2	84
38	TLR7/8 adjuvant overcomes newborn hyporesponsiveness to pneumococcal conjugate vaccine at birth. <i>JCI Insight</i> , 2017, 2, e91020.	2.3	83
39	Toward precision adjuvants: optimizing science and safety. <i>Current Opinion in Pediatrics</i> , 2020, 32, 125-138.	1.0	82
40	Extracellular accumulation of potently microbicidal bactericidal/permeability-increasing protein and p15s in an evolving sterile rabbit peritoneal inflammatory exudate.. <i>Journal of Clinical Investigation</i> , 1995, 95, 1916-1924.	3.9	82
41	Bactericidal/permeability-increasing protein (BPI) and BPI homologs at mucosal sites. <i>Trends in Immunology</i> , 2008, 29, 541-547.	2.9	81
42	Safety and efficacy of neonatal vaccination. <i>European Journal of Immunology</i> , 2009, 39, 36-46.	1.6	81
43	Systemic Stimulation of TLR2 Impairs Neonatal Mouse Brain Development. <i>PLoS ONE</i> , 2011, 6, e19583.	1.1	81
44	Potential of immunomodulatory agents for prevention and treatment of neonatal sepsis. <i>Journal of Perinatology</i> , 2009, 29, 79-88.	0.9	80
45	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> , 2013, 288, 27315-27326.	1.6	80
46	Age-Specific Adjuvant Synergy: Dual TLR7/8 and Mincle Activation of Human Newborn Dendritic Cells Enables Th1 Polarization. <i>Journal of Immunology</i> , 2016, 197, 4413-4424.	0.4	79
47	A Prime Time for Trained Immunity: Innate Immune Memory in Newborns and Infants. <i>Neonatology</i> , 2014, 105, 136-141.	0.9	77
48	BCG vaccination-induced emergency granulopoiesis provides rapid protection from neonatal sepsis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	76
49	Licensed Bacille Calmette-Guérin (BCG) formulations differ markedly in bacterial viability, RNA content and innate immune activation. <i>Vaccine</i> , 2020, 38, 2229-2240.	1.7	71
50	A Neutrophil-Derived Anti-Infective Molecule: Bactericidal/Permeability-Increasing Protein. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 2925-2931.	1.4	69
51	Development of Newborn and Infant Vaccines. <i>Science Translational Medicine</i> , 2011, 3, 90ps27.	5.8	68
52	Therapeutic potential of the. <i>Expert Opinion on Investigational Drugs</i> , 2002, 11, 159-167.	1.9	66
53	TLR2 Mediates Recognition of Live <i>Staphylococcus epidermidis</i> and Clearance of Bacteremia. <i>PLoS ONE</i> , 2010, 5, e10111.	1.1	62
54	The Ultra-Potent and Selective TLR8 Agonist VTX-294 Activates Human Newborn and Adult Leukocytes. <i>PLoS ONE</i> , 2013, 8, e58164.	1.1	61

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55	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> , 2022, 14, .	5.8	57
56	Integration of antimicrobial host defenses: role of the bactericidal/permeability-increasing protein. <i>Trends in Microbiology</i> , 1994, 2, 324-328.	3.5	56
57	Neonatal Plasma Polarizes TLR4-Mediated Cytokine Responses towards Low IL-12p70 and High IL-10 Production via Distinct Factors. <i>PLoS ONE</i> , 2012, 7, e33419.	1.1	55
58	Innate immune memory: implications for development of pediatric immunomodulatory agents and adjuvanted vaccines. <i>Pediatric Research</i> , 2014, 75, 184-188.	1.1	54
59	BCG as a Case Study for Precision Vaccine Development: Lessons From Vaccine Heterogeneity, Trained Immunity, and Immune Ontogeny. <i>Frontiers in Microbiology</i> , 2020, 11, 332.	1.5	54
60	Responsiveness of human monocytes to the commensal bacterium <i>Staphylococcus epidermidis</i> develops late in gestation. <i>Pediatric Research</i> , 2012, 72, 10-18.	1.1	53
61	Immune response to vaccine adjuvants during the first year of life. <i>Vaccine</i> , 2013, 31, 2500-2505.	1.7	52
62	Neonatal immune responses to coagulase-negative staphylococci. <i>Current Opinion in Infectious Diseases</i> , 2007, 20, 370-375.	1.3	51
63	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> , 2011, 90, 459-470.	1.5	51
64	Plasma-mediated immune suppression: a neonatal perspective. <i>Pediatric Allergy and Immunology</i> , 2013, 24, 102-113.	1.1	51
65	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> , 2000, 68, 5120-5125.	1.0	50
66	Identification and Characterization of Stimulator of Interferon Genes As a Robust Adjuvant Target for Early Life Immunization. <i>Frontiers in Immunology</i> , 2017, 8, 1772.	2.2	50
67	Expression of BPI (bactericidal/permeability-increasing protein) in human mucosal epithelia. <i>Biochemical Society Transactions</i> , 2003, 31, 795-800.	1.6	48
68	Immunostimulatory activity of Toll-like receptor 8 agonists towards human leucocytes: basic mechanisms and translational opportunities. <i>Biochemical Society Transactions</i> , 2007, 35, 1485-1491.	1.6	45
69	Allogeneic transplantation successfully corrects immune defects, but not susceptibility to colitis, in a patient with nuclear factor- κ B essential modulator deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 1113-1118.e1.	1.5	45
70	Critical Role of the Complement System in Group B <i>Streptococcus</i> -Induced Tumor Necrosis Factor Alpha Release. <i>Infection and Immunity</i> , 2003, 71, 6344-6353.	1.0	44
71	Functional and biochemical characterization of epithelial bactericidal/permeability-increasing protein. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, G557-G567.	1.6	44
72	Immunomodulation to Prevent or Treat Neonatal Sepsis: Past, Present, and Future. <i>Frontiers in Pediatrics</i> , 2018, 6, 199.	0.9	44

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73	The Imidazoquinoline Toll-Like Receptor-7/8 Agonist Hybrid-2 Potently Induces Cytokine Production by Human Newborn and Adult Leukocytes. <i>PLoS ONE</i> , 2015, 10, e0134640.	1.1	43
74	In vitro cytokine induction by TLR-activating vaccine adjuvants in human blood varies by age and adjuvant. <i>Cytokine</i> , 2016, 83, 99-109.	1.4	43
75	Neonatal innate immunity in allergy development. <i>Current Opinion in Pediatrics</i> , 2009, 21, 762-769.	1.0	42
76	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> , 2017, 81, 806-816.	1.1	41
77	Antimicrobial Proteins and Peptides in Early Life: Ontogeny and Translational Opportunities. <i>Frontiers in Immunology</i> , 2016, 7, 309.	2.2	40
78	Neonatal Immunization: Rationale, Current State, and Future Prospects. <i>Frontiers in Immunology</i> , 2018, 9, 532.	2.2	40
79	Integrative Metabolomics to Identify Molecular Signatures of Responses to Vaccines and Infections. <i>Metabolites</i> , 2020, 10, 492.	1.3	40
80	An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. <i>Cell</i> , 2022, 185, 614-629.e21.	13.5	40
81	Pediatric Vaccine Adjuvants. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1395-1398.	1.1	39
82	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> , 2018, 17, 1983-1992.	1.8	39
83	Use of cidofovir in pediatric patients with adenovirus infection. <i>F1000Research</i> , 2016, 5, 758.	0.8	39
84	Bactericidal/Permeability-Increasing Protein (rBPI ₂₁) and Fluoroquinolone Mitigate Radiation-Induced Bone Marrow Aplasia and Death. <i>Science Translational Medicine</i> , 2011, 3, 110ra118.	5.8	38
85	Considering Mandatory Vaccination of Children for COVID-19. <i>Pediatrics</i> , 2021, 147, .	1.0	38
86	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> , 2010, 68, 479-483.	1.1	37
87	A Neonatal Model of Intravenous Staphylococcus epidermidis Infection in Mice & 24 h Old Enables Characterization of Early Innate Immune Responses. <i>PLoS ONE</i> , 2012, 7, e43897.	1.1	36
88	Heterologous vaccine effects. <i>Vaccine</i> , 2016, 34, 3923-3930.	1.7	36
89	Oral antibiotics increase blood neutrophil maturation and reduce bacteremia and necrotizing enterocolitis in the immediate postnatal period of preterm pigs. <i>Innate Immunity</i> , 2016, 22, 51-62.	1.1	36
90	Adjuvant Effect of Bacille Calmette-Guérin on Hepatitis B Vaccine Immunogenicity in the Preterm and Term Newborn. <i>Frontiers in Immunology</i> , 2018, 9, 29.	2.2	36

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91	Distinct TLR-mediated cytokine production and immunoglobulin secretion in human newborn naïve B cells. <i>Innate Immunity</i> , 2016, 22, 433-443.	1.1	34
92	Microphysiologic Human Tissue Constructs Reproduce Autologous Age-Specific BCG and HBV Primary Immunization in vitro. <i>Frontiers in Immunology</i> , 2018, 9, 2634.	2.2	34
93	<i>Staphylococcus epidermidis</i> Bacteremia Induces Brain Injury in Neonatal Mice via Toll-like Receptor 2-Dependent and -Independent Pathways. <i>Journal of Infectious Diseases</i> , 2015, 212, 1480-1490.	1.9	33
94	Recombinant Bactericidal/Permeability-Increasing Protein rBPI 21 Protects against Pneumococcal Disease. <i>Infection and Immunity</i> , 2007, 75, 342-349.	1.0	31
95	OMIC Technologies and Vaccine Development: From the Identification of Vulnerable Individuals to the Formulation of Invulnerable Vaccines. <i>Journal of Immunology Research</i> , 2019, 2019, 1-10.	0.9	31
96	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> , 2014, 35, 8876-8886.	5.7	30
97	Adenosine modulates Toll-like receptor function: basic mechanisms and translational opportunities. <i>Expert Review of Anti-Infective Therapy</i> , 2011, 9, 261-269.	2.0	29
98	Neonatal Host Defense against Staphylococcal Infections. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-9.	3.3	28
99	Immunometabolic approaches to prevent, detect, and treat neonatal sepsis. <i>Pediatric Research</i> , 2020, 87, 399-405.	1.1	28
100	Method of bacterial killing differentially affects the human innate immune response to <i>Staphylococcus epidermidis</i> . <i>Innate Immunity</i> , 2011, 17, 508-516.	1.1	27
101	Human alkaline phosphatase dephosphorylates microbial products and is elevated in preterm neonates with a history of late-onset sepsis. <i>PLoS ONE</i> , 2017, 12, e0175936.	1.1	26
102	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> , 2018, 13, e0196352.	1.1	24
103	Vascular Endothelium in Neonatal Sepsis: Basic Mechanisms and Translational Opportunities. <i>Frontiers in Pediatrics</i> , 2019, 7, 340.	0.9	24
104	Ensuring vaccine safety. <i>Science</i> , 2020, 370, 1274-1275.	6.0	24
105	Impaired Innate Immunity at Birth: Deficiency of Bactericidal/Permeability-Increasing Protein (BPI) in the Neutrophils of Newborns. <i>Pediatric Research</i> , 2002, 51, 667-669.	1.1	23
106	Endotoxemia and elevation of lipopolysaccharide-binding protein after hematopoietic stem cell transplantation. <i>Pediatric Infectious Disease Journal</i> , 2003, 22, 978-981.	1.1	23
107	Adjuvant-induced Human Monocyte Secretome Profiles Reveal Adjuvant- and Age-specific Protein Signatures. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1877-1894.	2.5	23
108	Preparing for Life: Plasma Proteome Changes and Immune System Development During the First Week of Human Life. <i>Frontiers in Immunology</i> , 2020, 11, 578505.	2.2	23

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109	Bactericidal/permeability-increasing protein in host defense and its efficacy in the treatment of bacterial sepsis. <i>Current Infectious Disease Reports</i> , 2001, 3, 407-412.	1.3	22
110	Systems vaccinology: a promise for the young and the poor. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140340.	1.8	22
111	Changing oral vaccine to inactivated polio vaccine might increase mortality. <i>Lancet, The</i> , 2016, 387, 1054-1055.	6.3	21
112	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> , 2020, 34, 669-680.	1.0	21
113	A Meningococcal Outer Membrane Vesicle Vaccine Incorporating Genetically Attenuated Endotoxin Dissociates Inflammation from Immunogenicity. <i>Frontiers in Immunology</i> , 2016, 7, 562.	2.2	20
114	The TLR5 Agonist Flagellin Shapes Phenotypical and Functional Activation of Lung Mucosal Antigen Presenting Cells in Neonatal Mice. <i>Frontiers in Immunology</i> , 2020, 11, 171.	2.2	20
115	Waning effectiveness of SARS-CoV-2 mRNA vaccines in older adults: a rapid review. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-6.	1.4	20
116	Deficient expression of bactericidal/permeability-increasing protein in immunocompromised hosts: translational potential of replacement therapy. <i>Biochemical Society Transactions</i> , 2011, 39, 994-999.	1.6	19
117	Vancomycin Is Protective in a Neonatal Mouse Model of <i>Staphylococcus epidermidis</i> -Potentiated Hypoxic-Ischemic Brain Injury. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	19
118	Circulating Human Neonatal Naïve B Cells are Deficient in CD73 Impairing Purine Salvage. <i>Frontiers in Immunology</i> , 2016, 7, 121.	2.2	18
119	Use of cidofovir in pediatric patients with adenovirus infection. <i>F1000Research</i> , 2016, 5, 758.	0.8	18
120	Phosphoric Metabolites Link Phosphate Import and Polysaccharide Biosynthesis for <i>Candida albicans</i> Cell Wall Maintenance. <i>MBio</i> , 2020, 11, .	1.8	16
121	First International Precision Vaccines Conference: Multidisciplinary Approaches to Next-Generation Vaccines. <i>MSphere</i> , 2018, 3, .	1.3	15
122	Endotoxin-Directed Innate Immunity in Tracheal Aspirates of Mechanically Ventilated Human Neonates. <i>Pediatric Research</i> , 2009, 66, 191-196.	1.1	13
123	Human Newborn Monocytes Demonstrate Distinct BCG-Induced Primary and Trained Innate Cytokine Production and Metabolic Activation In Vitro. <i>Frontiers in Immunology</i> , 2021, 12, 674334.	2.2	13
124	Bacille Calmette-Guérin vaccine reprograms human neonatal lipid metabolism in vivo and in vitro. <i>Cell Reports</i> , 2022, 39, 110772.	2.9	13
125	Innate immune activation in neonatal tracheal aspirates suggests endotoxin-driven inflammation. <i>Pediatric Research</i> , 2012, 72, 203-211.	1.1	12
126	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> , 2019, 37, 80-89.	1.7	12

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127	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> , 2020, 8, 197.	0.9	12
128	Precision Vaccine Adjuvants for Older Adults: A Scoping Review. <i>Clinical Infectious Diseases</i> , 2022, 75, S72-S80.	2.9	12
129	Ready to benefit from training: heterologous effects of early life immunization. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 3-4.	0.7	11
130	Human newborn B cells mount an interferon- γ / β receptor-dependent humoral response to respiratory syncytial virus. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1997-2000.e4.	1.5	11
131	Immunological mechanisms of inducing HIV immunity in infants. <i>Vaccine</i> , 2020, 38, 411-415.	1.7	11
132	<i>Staphylococcus epidermidis</i> Sensitizes Perinatal Hypoxic-Ischemic Brain Injury in Male but Not Female Mice. <i>Frontiers in Immunology</i> , 2020, 11, 516.	2.2	11
133	FATAL DISSEMINATED CANDIDA LUSITANIAE INFECTION IN AN INFANT WITH CHRONIC GRANULOMATOUS DISEASE. <i>Pediatric Infectious Disease Journal</i> , 2002, 21, 262-264.	1.1	11
134	BCG vaccine's off-target effects on allergic, inflammatory, and autoimmune diseases: Worth another shot?. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 51-54.	1.5	11
135	A Neonatal Murine <i>Escherichia coli</i> Sepsis Model Demonstrates That Adjunctive Pentoxifylline Enhances the Ratio of Anti- vs. Pro-inflammatory Cytokines in Blood and Organ Tissues. <i>Frontiers in Immunology</i> , 2020, 11, 577878.	2.2	10
136	Neonatal monocytes demonstrate impaired homeostatic extravasation into a microphysiological human vascular model. <i>Scientific Reports</i> , 2020, 10, 17836.	1.6	10
137	Bell's palsy and SARS-CoV-2 vaccines "an unfolding story" Authors' reply. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 1211-1212.	4.6	10
138	Neutrophil defense in patients undergoing bone marrow transplantation: bactericidal/permeability-increasing protein (BPI) and defensins in graft-derived neutrophils. <i>Transplantation</i> , 2002, 73, 1522-1526.	0.5	9
139	Identification of single nucleotide polymorphisms in hematopoietic cell transplant patients affecting early recognition of, and response to, endotoxin. <i>Innate Immunity</i> , 2014, 20, 697-711.	1.1	9
140	Fc gamma receptors in respiratory syncytial virus infections: implications for innate immunity. <i>Reviews in Medical Virology</i> , 2014, 24, 55-70.	3.9	9
141	Pentoxifylline Alone or in Combination with Gentamicin or Vancomycin Inhibits Live Microbe-Induced Proinflammatory Cytokine Production in Human Cord Blood and Cord Blood Monocytes In Vitro. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	9
142	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> , 2020, 88, 717-725.	1.1	8
143	Advancing the Science of Vaccine Safety During the Coronavirus Disease 2019 (COVID-19) Pandemic and Beyond: Launching an International Network of Special Immunization Services. <i>Clinical Infectious Diseases</i> , 2022, 75, S11-S17.	2.9	8
144	Bactericidal/permeability-increasing protein in host defense and its efficacy in the treatment of bacterial sepsis. <i>Current Infectious Disease Reports</i> , 2007, 3, 407-412.	1.3	7

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145	Neonatal Vaccination. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, 833-835.	1.1	7
146	Potential Role of Coagulase-negative Staphylococcus Infection in Preterm Brain Injury. <i>Advances in Neuroimmune Biology</i> , 2012, 3, 41-48.	0.7	7
147	Human Blood Plasma Shapes Distinct Neonatal TLR-Mediated Dendritic Cell Activation via Expression of the MicroRNA Let-7g. <i>ImmunoHorizons</i> , 2021, 5, 246-256.	0.8	7
148	Plasma Adenosine Deaminase (ADA)-1 and -2 Demonstrate Robust Ontogeny Across the First Four Months of Human Life. <i>Frontiers in Immunology</i> , 2021, 12, 578700.	2.2	7
149	Perinatally Human Immunodeficiency Virus-Infected Adolescents and Young Adults Demonstrate Distinct BNT162b2 Messenger RNA Coronavirus Disease 2019 Vaccine Immunogenicity. <i>Clinical Infectious Diseases</i> , 2022, 75, S51-S60.	2.9	7
150	Antimicrobial peptide LL-37 and recombinant human mannose-binding lectin express distinct age- and pathogen-specific antimicrobial activity in human newborn cord blood in vitro. <i>F1000Research</i> , 2018, 7, 616.	0.8	6
151	Antimicrobial proteins and peptides of blood: templates for novel antimicrobial agents. <i>Blood</i> , 2000, 96, 2664-2672.	0.6	6
152	Determinants of B-Cell Compartment Hyperactivation in European Adolescents Living With Perinatally Acquired HIV-1 After Over 10 Years of Suppressive Therapy. <i>Frontiers in Immunology</i> , 2022, 13, 860418.	2.2	6
153	Genetic Screening for Susceptibility to Infection in the NICU Setting: Commentary on the article by Ahrens et al. on page 652. <i>Pediatric Research</i> , 2004, 55, 546-548.	1.1	5
154	Bruton tyrosine kinase (Btk): key for signaling via Toll-like receptor 8. <i>Blood</i> , 2007, 109, 2273-2274.	0.6	4
155	Vaccine-induced immunity in early life. <i>Vaccine</i> , 2013, 31, 2481-2482.	1.7	4
156	The Fifth International Neonatal and Maternal Immunization Symposium (INMIS 2019): Securing Protection for the Next Generation. <i>MSphere</i> , 2021, 6, .	1.3	4
157	Ontogeny of plasma cytokine and chemokine concentrations across the first week of human life. <i>Cytokine</i> , 2021, 148, 155704.	1.4	4
158	Vaccination of Term and Preterm Infants. <i>NeoReviews</i> , 2020, 21, e817-e827.	0.4	4
159	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> , 2021, , eabj5305.	5.8	4
160	Mononuclear Phagocyte System. , 2017, , 1208-1216.e3.		3
161	Early Life HIV-1 Immunization: Providing a Window for Protection Before Sexual Debut. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 823-827.	0.5	3
162	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> , 2021, 5, e52.	0.3	3

#	ARTICLE	IF	CITATIONS
163	SARS-CoV-2 mRNA Vaccine Attitudes as Expressed in U.S. FDA Public Commentary: Need for a Public-Private Partnership in a Learning Immunization System. <i>Frontiers in Public Health</i> , 2021, 9, 695807.	1.3	3
164	A new unexpected twist in newborn immunity. <i>Nature Medicine</i> , 2014, 20, 22-23.	15.2	2
165	Hepatic <i>Legionella pneumophila</i> Infection in an Infant With Severe Combined Immunodeficiency. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 356-358.	1.1	2
166	Pilot experience with opebacan/rBPI21 in myeloablative hematopoietic cell transplantation. <i>F1000Research</i> , 2015, 4, 1480.	0.8	2
167	Immunology of the Fetus and Newborn. , 2018, , 453-481.e7.		1
168	AIDS Vaccine Research Subcommittee (AVRS) Consultation: Early-Life Immunization Strategies against HIV Acquisition. <i>MSphere</i> , 2019, 4, .	1.3	1
169	Distinct immunity of the newborn. , 2020, , 991-999.		1
170	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> , 2008, 112, 800-800.	0.6	1
171	Acceptability of a Fentanyl Vaccine to Prevent Opioid Overdose and Need for Personalized Decision-Making. <i>Clinical Infectious Diseases</i> , 2022, 75, S98-S109.	2.9	1
172	349. Hardware-Associated Multidrug-resistant <i>Pseudomonas aeruginosa</i> Meningitis Treated with Ceftolozane-Tazobactam. <i>Open Forum Infectious Diseases</i> , 2020, 7, S244-S244.	0.4	0
173	<i>Candida albicans</i> phosphate transport, facilitating nucleotide sugar biosynthesis, contributes to cell wall stability.. <i>Access Microbiology</i> , 2021, 3, .	0.2	0
174	OUP accepted manuscript. <i>Clinical Infectious Diseases</i> , 2022, , .	2.9	0