

# Gerben Ferwerda

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

5,348  
citations

172386

29  
h-index

106281

65  
g-index

67  
all docs

67  
docs citations

67  
times ranked

7779  
citing authors

#	ARTICLE	IF	CITATIONS
1	A combination of immune cell types identified through ensemble machine learning strategy detects altered profile in recurrent pregnancy loss: a pilot study. <i>F&amp;S Science</i> , 2022, 3, 166-173.	0.5	5
2	Lack of Cell Cycle Inhibitor p21 and Low CD4+ T Cell Suppression in Newborns After Exposure to IFN- $\gamma$ . <i>Frontiers in Immunology</i> , 2021, 12, 652965.	2.2	1
3	Antibiotic Intervention Affects Maternal Immunity During Gestation in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 685742.	2.2	7
4	Clusters of Tolerogenic B Cells Feature in the Dynamic Immunological Landscape of the Pregnant Uterus. <i>Cell Reports</i> , 2020, 32, 108204.	2.9	19
5	Natural killer cell activation by respiratory syncytial virus-specific antibodies is decreased in infants with severe respiratory infections and correlates with Fc-glycosylation. <i>Clinical and Translational Immunology</i> , 2020, 9, e1112.	1.7	27
6	Cerebrospinal fluid immunoglobulins are increased in neonates exposed to Zika virus during foetal life. <i>Journal of Infection</i> , 2020, 80, 419-425.	1.7	5
7	Biosynthetic homeostasis and resilience of the complement system in health and infectious disease. <i>EBioMedicine</i> , 2019, 45, 303-313.	2.7	20
8	Pathogenesis of Respiratory Syncytial Virus Infection in BALB/c Mice Differs Between Intratracheal and Intranasal Inoculation. <i>Viruses</i> , 2019, 11, 508.	1.5	3
9	Fc-Mediated Antibody Effector Functions During Respiratory Syncytial Virus Infection and Disease. <i>Frontiers in Immunology</i> , 2019, 10, 548.	2.2	194
10	Respiratory Syncytial Virus Infects Primary Neonatal and Adult Natural Killer Cells and Affects Their Antiviral Effector Function. <i>Journal of Infectious Diseases</i> , 2019, 219, 723-733.	1.9	23
11	How uterine microbiota might be responsible for a receptive, fertile endometrium. <i>Human Reproduction Update</i> , 2018, 24, 393-415.	5.2	176
12	<i>Streptococcus pneumoniae</i> PspC Subgroup Prevalence in Invasive Disease and Differences in Contribution to Complement Evasion. <i>Infection and Immunity</i> , 2018, 86, .	1.0	10
13	Siglec-1 inhibits RSV-induced interferon gamma production by adult T cells in contrast to newborn T cells. <i>European Journal of Immunology</i> , 2018, 48, 621-631.	1.6	21
14	Nationwide Study on the Course of Influenza A (H1N1) Infections in Hospitalized Children in the Netherlands During the Pandemic 2009-2010. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, e283-e291.	1.1	1
15	<i>Haemophilus</i> is overrepresented in the nasopharynx of infants hospitalized with RSV infection and associated with increased viral load and enhanced mucosal CXCL8 responses. <i>Microbiome</i> , 2018, 6, 10.	4.9	49
16	Phage-Derived Protein Induces Increased Platelet Activation and Is Associated with Mortality in Patients with Invasive Pneumococcal Disease. <i>MBio</i> , 2017, 8, .	1.8	24
17	Aptamers for respiratory syncytial virus detection. <i>Scientific Reports</i> , 2017, 7, 42794.	1.6	34
18	Human newborn B cells mount an interferon- $\gamma$ /IFN- $\gamma$ receptor-dependent humoral response to respiratory syncytial virus. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1997-2000.e4.	1.5	11

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19	Prospective observational study in two Dutch hospitals to assess the performance of inflammatory plasma markers to determine disease severity of viral respiratory tract infections in children. <i>BMJ Open</i> , 2017, 7, e014596.	0.8	19
20	<i>In Vitro</i> Enhancement of Respiratory Syncytial Virus Infection by Maternal Antibodies Does Not Explain Disease Severity in Infants. <i>Journal of Virology</i> , 2017, 91, .	1.5	19
21	Platelets Modulate Innate Immune Response Against Human Respiratory Syncytial Virus <i>In Vitro</i> . <i>Viral Immunology</i> , 2017, 30, 576-581.	0.6	14
22	Characteristics of RSV-Specific Maternal Antibodies in Plasma of Hospitalized, Acute RSV Patients under Three Months of Age. <i>PLoS ONE</i> , 2017, 12, e0170877.	1.1	27
23	Decreased Cell Wall Galactosaminogalactan in <i>Aspergillus nidulans</i> Mediates Dysregulated Inflammation in the Chronic Granulomatous Disease Host. <i>Journal of Interferon and Cytokine Research</i> , 2016, 36, 488-498.	0.5	18
24	A short-term extremely low frequency electromagnetic field exposure increases circulating leukocyte numbers and affects HPA-axis signaling in mice. <i>Bioelectromagnetics</i> , 2016, 37, 433-443.	0.9	14
25	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. <i>Scientific Reports</i> , 2016, 6, 36603.	1.6	35
26	Actin- and clathrin-dependent mechanisms regulate interferon gamma release after stimulation of human immune cells with respiratory syncytial virus. <i>Virology Journal</i> , 2016, 13, 52.	1.4	4
27	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
28	High pneumococcal density correlates with more mucosal inflammation and reduced respiratory syncytial virus disease severity in infants. <i>BMC Infectious Diseases</i> , 2016, 16, 129.	1.3	15
29	Deficient interleukin-17 production in response to <i>Mycobacterium abscessus</i> in cystic fibrosis. <i>European Respiratory Journal</i> , 2016, 47, 990-993.	3.1	17
30	Mucosal IgG Levels Correlate Better with Respiratory Syncytial Virus Load and Inflammation than Plasma IgG Levels. <i>Vaccine Journal</i> , 2016, 23, 243-245.	3.2	30
31	The post-vaccine microevolution of invasive <i>Streptococcus pneumoniae</i> . <i>Scientific Reports</i> , 2015, 5, 14952.	1.6	36
32	Direct multiplexed whole genome sequencing of respiratory tract samples reveals full viral genomic information. <i>Journal of Clinical Virology</i> , 2015, 66, 6-11.	1.6	30
33	Aptasensors for viral diagnostics. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 74, 58-67.	5.8	45
34	Antibodies enhance CXCL10 production during RSV infection of infant and adult immune cells. <i>Cytokine</i> , 2015, 76, 458-464.	1.4	11
35	Nasopharyngeal gene expression, a novel approach to study the course of respiratory syncytial virus infection. <i>European Respiratory Journal</i> , 2015, 45, 718-725.	3.1	21
36	The adult nasopharyngeal microbiome as a determinant of pneumococcal acquisition. <i>Microbiome</i> , 2014, 2, 44.	4.9	82

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37	Avidity of Antibodies against Infecting Pneumococcal Serotypes Increases with Age and Severity of Disease. <i>Vaccine Journal</i> , 2014, 21, 904-907.	3.2	12
38	Effect of antibiotic streamlining on patient outcome in pneumococcal bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2258-2264.	1.3	23
39	The role of ZmpC in the clinical manifestation of invasive pneumococcal disease. <i>International Journal of Medical Microbiology</i> , 2014, 304, 984-989.	1.5	10
40	Integration of clinical point-of-care requirements in a DNA microarray genotyping test. <i>Biosensors and Bioelectronics</i> , 2014, 61, 605-611.	5.3	1
41	Recognition of <i>Streptococcus pneumoniae</i> and Muramyl Dipeptide by NOD2 Results in Potent Induction of MMP-9, Which Can Be Controlled by Lipopolysaccharide Stimulation. <i>Infection and Immunity</i> , 2014, 82, 4952-4958.	1.0	14
42	Effects of 7-valent pneumococcal conjugate 1 vaccine on the severity of adult 2 bacteremic pneumococcal pneumonia. <i>Vaccine</i> , 2014, 32, 3989-3994.	1.7	10
43	CD4+ T-cell counts and interleukin-8 and CCL-5 plasma concentrations discriminate disease severity in children with RSV infection. <i>Pediatric Research</i> , 2013, 73, 187-193.	1.1	46
44	IFN- $\gamma$ -Stimulated Neutrophils Suppress Lymphocyte Proliferation through Expression of PD-L1. <i>PLoS ONE</i> , 2013, 8, e72249.	1.1	173
45	Respiratory syncytial virus infection augments <i>NOD2</i> signaling in an IFN- $\alpha$ -dependent manner in human primary cells. <i>European Journal of Immunology</i> , 2012, 42, 2727-2735.	1.6	42
46	Transcriptome Kinetics of Circulating Neutrophils during Human Experimental Endotoxemia. <i>PLoS ONE</i> , 2012, 7, e38255.	1.1	38
47	Recognition and Blocking of Innate Immunity Cells by <i>Candida albicans</i> Chitin. <i>Infection and Immunity</i> , 2011, 79, 1961-1970.	1.0	172
48	Extremely low frequency electromagnetic field exposure does not modulate toll-like receptor signaling in human peripheral blood mononuclear cells. <i>Cytokine</i> , 2011, 54, 43-50.	1.4	19
49	The role of Toll-like receptors and C-type lectins for vaccination against <i>Candida albicans</i> . <i>Vaccine</i> , 2010, 28, 614-622.	1.7	40
50	Human Dectin-1 Deficiency and Mucocutaneous Fungal Infections. <i>New England Journal of Medicine</i> , 2009, 361, 1760-1767.	13.9	671
51	Engagement of NOD2 has a dual effect on proIL-1 $\beta$ mRNA transcription and secretion of bioactive IL-1 $\beta$ . <i>European Journal of Immunology</i> , 2008, 38, 184-191.	1.6	69
52	Syk kinase is required for collaborative cytokine production induced through Dectin-1 and Toll-like receptors. <i>European Journal of Immunology</i> , 2008, 38, 500-506.	1.6	328
53	Dectin-1 synergizes with TLR2 and TLR4 for cytokine production in human primary monocytes and macrophages. <i>Cellular Microbiology</i> , 2008, 10, 2058-2066.	1.1	296
54	Crohn's disease patients homozygous for the 3020insC NOD2 mutation have a defective NOD2/TLR4 cross-tolerance to intestinal stimuli. <i>Immunology</i> , 2008, 123, 600-605.	2.0	53

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55	Differential function of the NACHT-LRR (NLR) members Nod1 and Nod2 in arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9017-9022.	3.3	54
56	Immune Recognition of <i>Candida albicans</i> $\beta$ -glucan by Dectin-1. Journal of Infectious Diseases, 2007, 196, 1565-1571.	1.9	277
57	<i>Mycobacterium paratuberculosis</i> is recognized by Toll-like receptors and NOD2. Journal of Leukocyte Biology, 2007, 82, 1011-1018.	1.5	133
58	Defective acute inflammation in Crohn's disease. Lancet, The, 2006, 368, 577-578.	6.3	2
59	To the Editor. European Journal of Immunology, 2006, 36, 2817-2818.	1.6	2
60	Recognition of Fungal Pathogens by Toll-Like Receptors. Current Pharmaceutical Design, 2006, 12, 4195-4201.	0.9	116
61	Triggering receptor expressed on myeloid cells-1 (TREM-1) amplifies the signals induced by the NACHT-LRR (NLR) pattern recognition receptors. Journal of Leukocyte Biology, 2006, 80, 1454-1461.	1.5	112
62	Immune sensing of <i>Candida albicans</i> requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. Journal of Clinical Investigation, 2006, 116, 1642-1650.	3.9	632
63	NOD2 and Toll-Like Receptors Are Nonredundant Recognition Systems of <i>Mycobacterium tuberculosis</i> . PLoS Pathogens, 2005, 1, e34.	2.1	304
64	Nucleotide-Binding Oligomerization Domain-2 Modulates Specific TLR Pathways for the Induction of Cytokine Release. Journal of Immunology, 2005, 174, 6518-6523.	0.4	248
65	IL-32 synergizes with nucleotide oligomerization domain (NOD) 1 and NOD2 ligands for IL-1 $\alpha$ and IL-6 production through a caspase 1-dependent mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16309-16314.	3.3	277
66	The Frameshift Mutation in Nod2 Results in Unresponsiveness Not Only to Nod2- but Also Nod1-activating Peptidoglycan Agonists. Journal of Biological Chemistry, 2005, 280, 35859-35867.	1.6	73