

Gerben Ferwerda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12136420/publications.pdf>

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	Human Dectin-1 Deficiency and Mucocutaneous Fungal Infections. <i>New England Journal of Medicine</i> , 2009, 361, 1760-1767.	13.9	671
2	Immune sensing of <i>Candida albicans</i> requires cooperative recognition of mannans and glucans by lectin and Toll-like receptors. <i>Journal of Clinical Investigation</i> , 2006, 116, 1642-1650.	3.9	632
3	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
4	NOD2 and Toll-Like Receptors Are Nonredundant Recognition Systems of <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2005, 1, e34.	2.1	304
5	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
6	IL-32 synergizes with nucleotide oligomerization domain (NOD) 1 and NOD2 ligands for IL-1 β and IL-6 production through a caspase 1-dependent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16309-16314.	3.3	277
7	Immune Recognition of <i>Candida albicans</i> β -glucan by Dectin-1. <i>Journal of Infectious Diseases</i> , 2007, 196, 1565-1571.	1.9	277
8	Nucleotide-Binding Oligomerization Domain-2 Modulates Specific TLR Pathways for the Induction of Cytokine Release. <i>Journal of Immunology</i> , 2005, 174, 6518-6523.	0.4	248
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	How uterine microbiota might be responsible for a receptive, fertile endometrium. <i>Human Reproduction Update</i> , 2018, 24, 393-415.	5.2	176
11	IFN- γ -Stimulated Neutrophils Suppress Lymphocyte Proliferation through Expression of PD-L1. <i>PLoS ONE</i> , 2013, 8, e72249.	1.1	173
12	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
13	<i>Mycobacterium paratuberculosis</i> is recognized by Toll-like receptors and NOD2. <i>Journal of Leukocyte Biology</i> , 2007, 82, 1011-1018.	1.5	133
14	Recognition of Fungal Pathogens by Toll-Like Receptors. <i>Current Pharmaceutical Design</i> , 2006, 12, 4195-4201.	0.9	116
15	Triggering receptor expressed on myeloid cells-1 (TREM-1) amplifies the signals induced by the NACHT-LRR (NLR) pattern recognition receptors. <i>Journal of Leukocyte Biology</i> , 2006, 80, 1454-1461.	1.5	112
16	The adult nasopharyngeal microbiome as a determinant of pneumococcal acquisition. <i>Microbiome</i> , 2014, 2, 44.	4.9	82
17	The Frameshift Mutation in Nod2 Results in Unresponsiveness Not Only to Nod2- but Also Nod1-activating Peptidoglycan Agonists. <i>Journal of Biological Chemistry</i> , 2005, 280, 35859-35867.	1.6	73
18	Engagement of NOD2 has a dual effect on proIL-1 β mRNA transcription and secretion of bioactive IL-1 β . <i>European Journal of Immunology</i> , 2008, 38, 184-191.	1.6	69

#	ARTICLE	IF	CITATIONS
19	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
20	Crohn's disease patients homozygous for the 3020insC NOD2 mutation have a defective NOD2/TLR4 cross-tolerance to intestinal stimuli. Immunology, 2008, 123, 600-605.	2.0	53
21	Haemophilus is overrepresented in the nasopharynx of infants hospitalized with RSV infection and associated with increased viral load and enhanced mucosal CXCL8 responses. Microbiome, 2018, 6, 10.	4.9	49
22	CD4+ T-cell counts and interleukin-8 and CCL-5 plasma concentrations discriminate disease severity in children with RSV infection. Pediatric Research, 2013, 73, 187-193.	1.1	46
23	Aptasensors for viral diagnostics. TrAC - Trends in Analytical Chemistry, 2015, 74, 58-67.	5.8	45
24	Respiratory syncytial virus infection augments NOD2 signaling in an IFN β -dependent manner in human primary cells. European Journal of Immunology, 2012, 42, 2727-2735.	1.6	42
25	The role of Toll-like receptors and C-type lectins for vaccination against Candida albicans. Vaccine, 2010, 28, 614-622.	1.7	40
26	Transcriptome Kinetics of Circulating Neutrophils during Human Experimental Endotoxemia. PLoS ONE, 2012, 7, e38255.	1.1	38
27	The post-vaccine microevolution of invasive Streptococcus pneumoniae. Scientific Reports, 2015, 5, 14952.	1.6	36
28	Transcriptome assists prognosis of disease severity in respiratory syncytial virus infected infants. Scientific Reports, 2016, 6, 36603.	1.6	35
29	Distinct TLR-mediated cytokine production and immunoglobulin secretion in human newborn naive B cells. Innate Immunity, 2016, 22, 433-443.	1.1	34
30	Aptamers for respiratory syncytial virus detection. Scientific Reports, 2017, 7, 42794.	1.6	34
31	Direct multiplexed whole genome sequencing of respiratory tract samples reveals full viral genomic information. Journal of Clinical Virology, 2015, 66, 6-11.	1.6	30
32	Mucosal IgG Levels Correlate Better with Respiratory Syncytial Virus Load and Inflammation than Plasma IgG Levels. Vaccine Journal, 2016, 23, 243-245.	3.2	30
33	Characteristics of RSV-Specific Maternal Antibodies in Plasma of Hospitalized, Acute RSV Patients under Three Months of Age. PLoS ONE, 2017, 12, e0170877.	1.1	27
34	Natural killer cell activation by respiratory syncytial virus-specific antibodies is decreased in infants with severe respiratory infections and correlates with Fc glycosylation. Clinical and Translational Immunology, 2020, 9, e1112.	1.7	27
35	Phage-Derived Protein Induces Increased Platelet Activation and Is Associated with Mortality in Patients with Invasive Pneumococcal Disease. MBio, 2017, 8, .	1.8	24
36	Effect of antibiotic streamlining on patient outcome in pneumococcal bacteraemia. Journal of Antimicrobial Chemotherapy, 2014, 69, 2258-2264.	1.3	23

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	Biosynthetic homeostasis and resilience of the complement system in health and infectious disease. <i>EBioMedicine</i> , 2019, 45, 303-313.	2.7	20
41	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
42	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
43	In Vitro 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
44	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
45	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
46	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
47	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
48	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
49	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
50	Platelets Modulate Innate Immune Response Against Human Respiratory Syncytial Virus In Vitro. <i>Viral Immunology</i> , 2017, 30, 576-581.	0.6	14
51	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
52	Antibodies enhance CXCL10 production during RSV infection of infant and adult immune cells. <i>Cytokine</i> , 2015, 76, 458-464.	1.4	11
53	Human newborn B cells mount an interferon- λ 2 receptor-dependent humoral response to respiratory syncytial virus. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1997-2000.e4.	1.5	11
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	<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
57	Antibiotic Intervention Affects Maternal Immunity During Gestation in Mice. <i>Frontiers in Immunology</i> , 2021, 12, 685742.	2.2	7
58	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
59	A combination of immune cell types identified through ensemble machine learning strategy detects altered profile in recurrent pregnancy loss: a pilot study. <i>F&S Science</i> , 2022, 3, 166-173.	0.5	5
60	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
61	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
62	Defective acute inflammation in Crohn's disease. <i>Lancet, The</i> , 2006, 368, 577-578.	6.3	2
63	To the Editor. <i>European Journal of Immunology</i> , 2006, 36, 2817-2818.	1.6	2
64	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
65	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
66	Lack of Cell Cycle Inhibitor p21 and Low CD4+ T Cell Suppression in Newborns After Exposure to IFN- γ . <i>Frontiers in Immunology</i> , 2021, 12, 652965.	2.2	1