

# Olaf Neth

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

5,263  
citations

159585

30  
h-index

95266

68  
g-index

113  
all docs

113  
docs citations

113  
times ranked

8287  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 in children and adolescents in Europe: a multinational, multicentre cohort study. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 653-661.	5.6	978
2	Mannose-Binding Lectin Binds to a Range of Clinically Relevant Microorganisms and Promotes Complement Deposition. <i>Infection and Immunity</i> , 2000, 68, 688-693.	2.2	506
3	Frequency, symptoms, risk factors, and outcomes of autoimmune encephalitis after herpes simplex encephalitis: a prospective observational study and retrospective analysis. <i>Lancet Neurology</i> , The, 2018, 17, 760-772.	10.2	422
4	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4-insufficient subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1932-1946.	2.9	344
5	Deficiency of mannose-binding lectin and burden of infection in children with malignancy: a prospective study. <i>Lancet</i> , The, 2001, 358, 614-618.	13.7	273
6	Long-term follow-up of IPEX syndrome patients after different therapeutic strategies: An international multicenter retrospective study. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1036-1049.e5.	2.9	233
7	Disease Evolution and Response to Rapamycin in Activated Phosphoinositide 3-Kinase $\gamma$ Syndrome: The European Society for Immunodeficiencies-Activated Phosphoinositide 3-Kinase $\gamma$ Syndrome Registry. <i>Frontiers in Immunology</i> , 2018, 9, 543.	4.8	137
8	Enhancement of Complement Activation and Opsonophagocytosis by Complexes of Mannose-Binding Lectin with Mannose-Binding Lectin-Associated Serine Protease After Binding to <i>Staphylococcus aureus</i> . <i>Journal of Immunology</i> , 2002, 169, 4430-4436.	0.8	128
9	Identifying functional defects in patients with immune dysregulation due to LRBA and CTLA-4 mutations. <i>Blood</i> , 2017, 129, 1458-1468.	1.4	102
10	Hepatoblastoma cells express truncated neurokinin-1 receptor and can be growth inhibited by aprepitant in vitro and in vivo. <i>Journal of Hepatology</i> , 2014, 60, 985-994.	3.7	97
11	Precursor B-cell lymphoblastic lymphoma in childhood and adolescence: Clinical features, treatment, and results in trials NHL-BFM 86 and 90. <i>Medical and Pediatric Oncology</i> , 2000, 35, 20-27.	1.0	80
12	Global impact of an educational antimicrobial stewardship programme on prescribing practice in a tertiary hospital centre. <i>Clinical Microbiology and Infection</i> , 2014, 20, 82-88.	6.0	80
13	Increased Risk for Malignancies in 131 Affected CTLA4 Mutation Carriers. <i>Frontiers in Immunology</i> , 2018, 9, 2012.	4.8	79
14	The Role of Mannose-Binding Lectin in Susceptibility to Infection in Preterm Neonates. <i>Pediatric Research</i> , 2008, 63, 680-685.	2.3	78
15	Life-threatening infections in children in Europe (the EUCLIDS Project): a prospective cohort study. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 404-414.	5.6	69
16	Therapeutic options for CTLA-4 insufficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 736-746.	2.9	68
17	Long-Term Impact of an Educational Antimicrobial Stewardship Program on Hospital-Acquired Candidemia and Multidrug-Resistant Bloodstream Infections: A Quasi-Experimental Study of Interrupted Time-Series Analysis. <i>Clinical Infectious Diseases</i> , 2017, 65, 1992-1999.	5.8	61
18	Prospective neonatal screening for severe T and B lymphocyte deficiencies in Seville. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 70-77.	2.6	60

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19	Treatment with rapamycin can restore regulatory T-cell function in IPEX patients. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1262-1271.e13.	2.9	48
20	Susceptibility to infection in patients with neutropenia: the role of the innate immune system. <i>British Journal of Haematology</i> , 2005, 129, 713-722.	2.5	47
21	Neutrophils Express Distinct RNA Receptors in a Non-canonical Way. <i>Journal of Biological Chemistry</i> , 2012, 287, 19409-19417.	3.4	47
22	Differential binding of mannose-binding lectin to respiratory pathogens in cystic fibrosis. <i>Lancet, The</i> , 2000, 355, 1885-1886.	13.7	46
23	A new tool for the paediatric HIV research: general data from the Cohort of the Spanish Paediatric HIV Network (CoRISpe). <i>BMC Infectious Diseases</i> , 2013, 13, 2.	2.9	46
24	Factors associated with severity in invasive community-acquired <i>Staphylococcus aureus</i> infections in children: a prospective European multicentre study. <i>Clinical Microbiology and Infection</i> , 2016, 22, 643.e1-643.e6.	6.0	46
25	Activated <sc>PI</sc>3KÎ syndrome type 2: Two patients, a novel mutation, and review of the literature. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 640-644.	2.6	46
26	Reduction in external ventricular drain infection rate. Impact of a minimal handling protocol and antibiotic-impregnated catheters. <i>Acta Neurochirurgica</i> , 2011, 153, 647-651.	1.7	44
27	Primary and Secondary Immunodeficiency Diseases in Oncohaematology: Warning Signs, Diagnosis, and Management. <i>Frontiers in Immunology</i> , 2019, 10, 586.	4.8	40
28	Distinct molecular response patterns of activating STAT3 mutations associate with penetrance of lymphoproliferation and autoimmunity. <i>Clinical Immunology</i> , 2020, 210, 108316.	3.2	40
29	Infant With Probable Catastrophic Antiphospholipid Syndrome Successfully Managed With Rituximab. <i>Pediatrics</i> , 2010, 125, e1523-e1528.	2.1	36
30	Primary Immune Regulatory Disorders With an Autoimmune Lymphoproliferative Syndrome-Like Phenotype: Immunologic Evaluation, Early Diagnosis and Management. <i>Frontiers in Immunology</i> , 2021, 12, 671755.	4.8	35
31	Few peptides dominate cytotoxic T lymphocyte responses to single and multiple minor histocompatibility antigens. <i>International Immunology</i> , 1993, 5, 1003-1009.	4.0	32
32	Pyogenic sacroiliitis in childrenâ€”a diagnostic challenge. <i>Clinical Rheumatology</i> , 2011, 30, 107-113.	2.2	31
33	Study of an extended family with CTLA-4 deficiency suggests a CD28/CTLA-4 independent mechanism responsible for differences in disease manifestations and severity. <i>Clinical Immunology</i> , 2018, 188, 94-102.	3.2	30
34	Outcomes of the PIRASOA programme, an antimicrobial stewardship programme implemented in hospitals of the Public Health System of Andalusia, Spain: an ecologic study of time-trend analysis. <i>Clinical Microbiology and Infection</i> , 2020, 26, 358-365.	6.0	30
35	Sequential decisions on FAS sequencing guided by biomarkers in patients with lymphoproliferation and autoimmune cytopenia. <i>Haematologica</i> , 2013, 98, 1948-1955.	3.5	29
36	<sc>CD</sc>57 identifies T cells with functional senescence before terminal differentiation and relative telomere shortening in patients with activated <sc>PI</sc>3 kinase delta syndrome. <i>Immunology and Cell Biology</i> , 2018, 96, 1060-1071.	2.3	29

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37	Imaging findings of multisystem inflammatory syndrome in children associated with COVID-19. <i>Pediatric Radiology</i> , 2021, 51, 1608-1620.	2.0	29
38	High prevalence of community-acquired norovirus gastroenteritis among hospitalized children: a prospective study. <i>Clinical Microbiology and Infection</i> , 2011, 17, 1895-1899.	6.0	28
39	Successful management of Churg-Strauss syndrome using omalizumab as adjuvant immunomodulatory therapy: First documented pediatric case. <i>Pediatric Pulmonology</i> , 2014, 49, E78-81.	2.0	27
40	Diagnostic and therapeutic challenges in a child with complete Interferon- $\beta$ Receptor 1 deficiency. <i>Pediatric Blood and Cancer</i> , 2015, 62, 2036-2039.	1.5	27
41	Influence of mannose-binding lectin genotypes and serostatus in allo-SCT: analysis of 131 recipients and donors. <i>Bone Marrow Transplantation</i> , 2010, 45, 13-19.	2.4	23
42	<i>Chryseobacterium indologenes</i> central nervous system infection in infancy: an emergent pathogen?. <i>Infection</i> , 2014, 42, 179-183.	4.7	22
43	Impact of JAK Inhibitors in Pediatric Patients with STAT1 Gain of Function (GOF) Mutations – 10 Children and Review of the Literature. <i>Journal of Clinical Immunology</i> , 2022, 42, 1071-1082.	3.8	22
44	Successful Management of Chronic Multifocal Q Fever Osteomyelitis With Adjuvant Interferon-gamma Therapy. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 810-812.	2.0	21
45	Sustained high prevalence of pneumococcal serotype 1 in paediatric parapneumonic empyema in southern Spain from 2005 to 2009. <i>Clinical Microbiology and Infection</i> , 2012, 18, 763-768.	6.0	21
46	The Relationship Between the Site of Metastases and Outcome in Children With Stage IV Wilms Tumor. <i>Journal of Pediatric Hematology/Oncology</i> , 2013, 35, 518-524.	0.6	21
47	Immunogenicity and safety of influenza vaccination in patients with juvenile idiopathic arthritis on biological therapy using the microneutralization assay. <i>Pediatric Rheumatology</i> , 2017, 15, 62.	2.1	21
48	Performance of immune-based and microbiological tests in children with tuberculosis meningitis in Europe: a multicentre Paediatric Tuberculosis Network European Trials Group (ptbnet) study. <i>European Respiratory Journal</i> , 2020, 56, 1902004.	6.7	21
49	Antimicrobial defined daily dose adjusted by weight: a proposal for antibiotic consumption measurement in children. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2019, 37, 301-306.	0.5	19
50	Clinical spectrum of COVID-19 and risk factors associated with severity in Spanish children. <i>European Journal of Pediatrics</i> , 2022, 181, 1105-1115.	2.7	19
51	SARS-CoV-2 infection in a pediatrics STAT1 GOF patient under Ruxolitinib therapy-a matter of balance?. <i>Journal of Clinical Immunology</i> , 2021, 41, 1502-1506.	3.8	18
52	Necrotising pneumonia due to influenza A (H1N1) and community-acquired methicillin-resistant <i>Staphylococcus aureus</i> clone USA300: successful management of the first documented paediatric case. <i>Archives of Disease in Childhood</i> , 2010, 95, 305-6.	1.9	17
53	Association of Human Beta-Defensin-2 Serum Levels and Sepsis in Preterm Neonates*. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 796-800.	0.5	17
54	MYCOBACTERIUM KANSASII CAUSING SEPTIC ARTHRITIS AND OSTEOMYELITIS IN A CHILD. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 88-89.	2.0	16

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55	Meningoencephalitis Due to Adenovirus in a Healthy Infant Mimicking Severe Bacterial Sepsis. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 416-419.	2.0	15
56	Cystatin C. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 196-200.	2.0	15
57	Plasma lipid profiles discriminate bacterial from viral infection in febrile children. <i>Scientific Reports</i> , 2019, 9, 17714.	3.3	15
58	Atypical Hemolytic Uremic Syndrome Associated With <i>Bordetella pertussis</i> Infection. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 1210.	2.0	14
59	Pediatric Community-Acquired Bone and Joint <i>Staphylococcus Aureus</i> Infections In Europe. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e73-e76.	2.0	13
60	Efficacy and safety of a comprehensive educational antimicrobial stewardship program focused on antifungal use. <i>Journal of Infection</i> , 2020, 80, 342-349.	3.3	13
61	Treatment and Outcome in Children With Tuberculous Meningitis: A Multicenter Pediatric Tuberculosis Network European Trials Group Study. <i>Clinical Infectious Diseases</i> , 2022, 75, 372-381.	5.8	13
62	Association of neural tube defects in children of mothers with MTHFR 677TT genotype and abnormal carbohydrate metabolism risk: a case-control study. <i>Genetics and Molecular Research</i> , 2014, 13, 2200-2207.	0.2	12
63	Time to Switch to Second-line Antiretroviral Therapy in Children With Human Immunodeficiency Virus in Europe and Thailand. <i>Clinical Infectious Diseases</i> , 2018, 66, 594-603.	5.8	12
64	Newborn Screening for Primary T- and B-Cell Immune Deficiencies – A Prospective Study in Andalucía. <i>International Journal of Neonatal Screening</i> , 2017, 3, 27.	3.2	11
65	Kawasaki disease in infants 3 months of age and younger: a multicentre Spanish study. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 289-290.	0.9	11
66	Fatal <i>Pneumocystis jirovecii</i> and Cytomegalovirus Infections in an Infant With Normal TRECs Count. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 157-160.	2.0	10
67	Cost-minimization analysis of immunoglobulin treatment of primary immunodeficiency diseases in Spain. <i>European Journal of Health Economics</i> , 2022, 23, 551-558.	2.8	10
68	Colchicine treatment in children with periodic fever, aphthous stomatitis, pharyngitis, and cervical adenitis (PFAPA) syndrome: A multicenter study in Spain. <i>European Journal of Rheumatology</i> , 2021, 8, 73-78.	0.6	9
69	Interferon-Gamma Release Assays Differentiate between <i>Mycobacterium avium</i> Complex and Tuberculous Lymphadenitis in Children. <i>Journal of Pediatrics</i> , 2021, 236, 211-218.e2.	1.8	9
70	Selection Bias in Andes et al. <i>Clinical Infectious Diseases</i> , 2012, 55, 893-894.	5.8	8
71	Absence of WASp Enhances Hematopoietic and Megakaryocytic Differentiation in a Human Embryonic Stem Cell Model. <i>Molecular Therapy</i> , 2016, 24, 342-353.	8.2	8
72	Ex vivo effect of JAK inhibition on JAK-STAT1 pathway hyperactivation in patients with dominant-negative STAT3 mutations. <i>Journal of Clinical Immunology</i> , 2022, 42, 1193-1204.	3.8	8

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73	Typhoid fever causing haemophagocytic lymphohistiocytosis in a non-endemic country – first case report and review of the current literature. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2019, 37, 112-116.	0.5	7
74	Secondary C1q Deficiency in Activated PI3K $\gamma$ Syndrome Type 2. <i>Frontiers in Immunology</i> , 2019, 10, 2589.	4.8	7
75	Executive Summary of the Consensus Document on the Diagnosis and Management of Patients with Primary Immunodeficiencies. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 3342-3347.	3.8	7
76	Biallelic TRAF3IP2 variants causing chronic mucocutaneous candidiasis in a child harboring a STAT1 variant. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1804-1812.	2.6	7
77	Recurrence of Cutaneous Necrosis in an Infant with Probable Catastrophic Antiphospholipid Syndrome. <i>Pediatric Dermatology</i> , 2013, 30, e63-4.	0.9	6
78	Recurrent Infective Endocarditis due to <i>Aggregatibacter aphrophilus</i> and <i>Staphylococcus lugdunensis</i> . <i>Klinische Padiatrie</i> , 2015, 227, 89-92.	0.6	6
79	Use of Xpert MTB/RIF Ultra assays among paediatric tuberculosis experts in Europe. <i>European Respiratory Journal</i> , 2018, 51, 1800346.	6.7	6
80	Simplified Human Immunodeficiency Virus Maintenance Therapy in Virologically Suppressed Children With Ritonavir-boosted Protease Inhibitor Monotherapy. <i>Pediatric Infectious Disease Journal</i> , 2011, 30, 917.	2.0	5
81	Microbial translocation and T cell activation are not associated in chronic HIV-infected children. <i>Aids</i> , 2014, 28, 1989-1992.	2.2	5
82	No Differences of Immune Activation and Microbial Translocation Among HIV-infected Children Receiving Combined Antiretroviral Therapy or Protease Inhibitor Monotherapy. <i>Medicine (United States)</i> , 2010, 89, 1010-1016.	1.0	5
83	Combined Use of Recombinant Activated Factor VII and ECMO in Severe Postoperative Bleeding after Cardiac Surgery in a Newborn: Death due to Ventricular Dysfunction. <i>Klinische Padiatrie</i> , 2012, 224, 193-194.	0.6	3
84	Congenital Tuberculosis Due to Confirmed <i>Mycobacterium caprae</i> . <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 1278-1279.	2.0	3
85	Off-label use of rilpivirine in combination with emtricitabine and tenofovir in HIV-1-infected pediatric patients. <i>Medicine (United States)</i> , 2016, 95, e3842.	1.0	3
86	Identification of regulatory variants associated with genetic susceptibility to meningococcal disease. <i>Scientific Reports</i> , 2019, 9, 6966.	3.3	3
87	Normal Levels of Vitamin D Among HIV-Infected Catalan Pediatric Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 61, e18-e19.	2.1	2
88	Catheter-related <i>Mycobacterium fortuitum</i> Bloodstream Infection: Rapid Identification Using MALDI-TOF Mass Spectrometry. <i>Klinische Padiatrie</i> , 2014, 226, 68-71.	0.6	2
89	Kawasaki Disease Shock Syndrome (KDSS) – Presentation of 3 Children and Review of the Literature. <i>Klinische Padiatrie</i> , 2015, 227, 355-357.	0.6	2
90	In reply to: –Antimicrobial defined daily dose adjusted by weight: A proposal for antibiotic consumption measurement in children–. <i>Enfermedades Infecciosas Y Microbiología Clínica</i> , 2019, 37, 357-358.	0.5	2

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91	A Multi-Center, Open-Label, Single-Arm Trial to Evaluate the Efficacy, Pharmacokinetics, and Safety and Tolerability of IGSC 20% in Subjects with Primary Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2022, 42, 500-511.	3.8	2
92	First Documented Case of Influenza A (H3N2 Subtype) Infection in a Patient With Complete Interferon Gamma Receptor 1 Deficiency. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 712-713.	2.0	1
93	Hemoptisis y bronquiolitis obliterante en niños con papilomatosis laríngea recurrente: reacciones adversas al cidofovir nebulizado. <i>Archivos De Bronconeumología</i> , 2019, 55, 386-387.	0.8	1
94	Febrile Neutropenia: Past, Present and Future. <i>Advances in Experimental Medicine and Biology</i> , 2004, 549, 119-124.	1.6	1
95	Infections in the Immunocompromised Patient in the Pediatric Intensive Care Unit. , 2008, , 332-349.		0
96	Off-label prescription of <sc>BNT162b2 mRNA COVID-19 vaccine</sc> to <5-year-old children in the European Union. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 0, , .	1.5	0