

# Johannes TrÃ¼ck

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

1,721  
citations

304743

22  
h-index

345221

36  
g-index

77  
all docs

77  
docs citations

77  
times ranked

2398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Curation and expansion of Human Phenotype Ontology for defined groups of inborn errors of immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 369-378.	2.9	16
2	Screening for Immunodeficiencies in Children With Invasive Pneumococcal Disease: Six-year Experience From a UK Children's Hospital. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, 575-578.	2.0	3
3	AIRR Community Guide to Planning and Performing AIRR-Seq Experiments. <i>Methods in Molecular Biology</i> , 2022, , 261-278.	0.9	3
4	Swiss consensus recommendations on urinary tract infections in children. <i>European Journal of Pediatrics</i> , 2021, 180, 663-674.	2.7	38
5	Changes in epigenetic profiles throughout early childhood and their relationship to the response to pneumococcal vaccination. <i>Clinical Epigenetics</i> , 2021, 13, 29.	4.1	4
6	A human monoclonal antibody blocks malaria transmission and defines a highly conserved neutralizing epitope on gametes. <i>Nature Communications</i> , 2021, 12, 1750.	12.8	39
7	Best Practice Recommendations for the Diagnosis and Management of Children With Pediatric Inflammatory Multisystem Syndrome Temporally Associated With SARS-CoV-2 (PIMS-TS; Multisystem) <a href="#">Tj ETQq1 1 0.784314 egBT /Over</a>		
8	Biological controls for standardization and interpretation of adaptive immune receptor repertoire profiling. <i>ELife</i> , 2021, 10, .	6.0	21
9	X-Linked Lymphoproliferative Disease Mimicking Multisystem Inflammatory Syndrome in Children's A Case Report. <i>Frontiers in Pediatrics</i> , 2021, 9, 691024.	1.9	6
10	Interseasonal RSV infections in Switzerland – rapid establishment of a clinician-led national reporting system (RSV EpiCH). <i>Swiss Medical Weekly</i> , 2021, 151, w30057.	1.6	12
11	Different B cell subpopulations show distinct patterns in their IgH repertoire metrics. <i>ELife</i> , 2021, 10, .	6.0	22
12	B cell clonal expansion and mutation in the immunoglobulin heavy chain variable domain in response to Pfs230 and Pfs25 malaria vaccines. <i>International Journal for Parasitology</i> , 2021, , .	3.1	3
13	Benchmarking immunoinformatic tools for the analysis of antibody repertoire sequences. <i>Bioinformatics</i> , 2020, 36, 1731-1739.	4.1	39
14	Erythropoiesis defect observed in STAT3 GOF patients with severe anemia. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1297-1301.	2.9	18
15	Maturation of the Human Immunoglobulin Heavy Chain Repertoire With Age. <i>Frontiers in Immunology</i> , 2020, 11, 1734.	4.8	46
16	Development of adaptive immune cells and receptor repertoires from infancy to adulthood. <i>Current Opinion in Systems Biology</i> , 2020, 24, 51-55.	2.6	3
17	Whole-exome Sequencing for the Identification of Rare Variants in Primary Immunodeficiency Genes in Children With Sepsis: A Prospective, Population-based Cohort Study. <i>Clinical Infectious Diseases</i> , 2020, 71, e614-e623.	5.8	12
18	Editorial: The Immunology of Sepsis – Understanding Host Susceptibility, Pathogenesis of Disease, and Avenues for Future Treatment. <i>Frontiers in Immunology</i> , 2020, 11, 1263.	4.8	6

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19	Architecture and function of human uromodulin filaments in urinary tract infections. <i>Science</i> , 2020, 369, 1005-1010.	12.6	81
20	Inferring B cell specificity for vaccines using a Bayesian mixture model. <i>BMC Genomics</i> , 2020, 21, 176.	2.8	8
21	Structural diversity of B-cell receptor repertoires along the B-cell differentiation axis in humans and mice. <i>PLoS Computational Biology</i> , 2020, 16, e1007636.	3.2	27
22	Circulating Antibody-Secreting Cell Response During <i>Mycoplasma pneumoniae</i> Childhood Pneumonia. <i>Journal of Infectious Diseases</i> , 2020, 222, 136-147.	4.0	24
23	Case Report: Case Series of Children With Multisystem Inflammatory Syndrome Following SARS-CoV-2 Infection in Switzerland. <i>Frontiers in Pediatrics</i> , 2020, 8, 594127.	1.9	24
24	Antimalarial antibody repertoire defined by plasma IG proteomics and single B cell IG sequencing. <i>JCI Insight</i> , 2020, 5, .	5.0	12
25	Promoting Breastfeeding and Interaction of Pediatric Associations With Providers of Nutritional Products. <i>Frontiers in Pediatrics</i> , 2020, 8, 562870.	1.9	11
26	Swiss newborn screening for severe T and B cell deficiency with a combined TREC/KREC assay – management recommendations. <i>Swiss Medical Weekly</i> , 2020, 150, w20254.	1.6	17
27	Angeborene Immundefekte mit vorwiegender Störung der Antikörperproduktion. <i>Springer Reference Medizin</i> , 2020, , 1-12.	0.0	0
28	Title is missing!. , 2020, 16, e1007636.		0
29	Title is missing!. , 2020, 16, e1007636.		0
30	Title is missing!. , 2020, 16, e1007636.		0
31	Title is missing!. , 2020, 16, e1007636.		0
32	Hematopoietic stem cell transplantation for cytidine triphosphate synthase 1 (CTPS1) deficiency. <i>Bone Marrow Transplantation</i> , 2019, 54, 130-133.	2.4	13
33	Diagnosis of <i>Mycoplasma pneumoniae</i> Pneumonia with Measurement of Specific Antibody-Secreting Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1066-1069.	5.6	32
34	B-cell receptor repertoire sequencing in patients with primary immunodeficiency: a review. <i>Immunology</i> , 2018, 153, 145-160.	4.4	44
35	Differences in Immunization Site Pain in Toddlers Vaccinated With Either the 10- or the 13-Valent Pneumococcal Conjugate Vaccine. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, e103-e106.	2.0	2
36	Life-Threatening Primary Varicella Zoster Virus Infection With Hemophagocytic Lymphohistiocytosis-Like Disease in GATA2 Haploinsufficiency Accompanied by Expansion of Double Negative T-Lymphocytes. <i>Frontiers in Immunology</i> , 2018, 9, 2766.	4.8	10

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37	Structurally Mapping Antibody Repertoires. <i>Frontiers in Immunology</i> , 2018, 9, 1698.	4.8	36
38	Memory B cell response to a PCV-13 booster in 3.5 year old children primed with either PCV-7 or PCV-13. <i>Vaccine</i> , 2017, 35, 2701-2708.	3.8	8
39	Divergent Memory B Cell Responses in a Mixed Infant Pneumococcal Conjugate Vaccine Schedule. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, e130-e135.	2.0	10
40	Lymphadenopathy driven by TCR-V $\beta$ 8V $\beta$ 1 T-cell expansion in FAS-related autoimmune lymphoproliferative syndrome. <i>Blood Advances</i> , 2017, 1, 1101-1106.	5.2	3
41	The Antibody-Secreting Cell Response to Infection: Kinetics and Clinical Applications. <i>Frontiers in Immunology</i> , 2017, 8, 630.	4.8	64
42	How B-Cell Receptor Repertoire Sequencing Can Be Enriched with Structural Antibody Data. <i>Frontiers in Immunology</i> , 2017, 8, 1753.	4.8	48
43	The Antibody Response Following a Booster With Either a 10- or 13-valent Pneumococcal Conjugate Vaccine in Toddlers Primed With a 13-valent Pneumococcal Conjugate Vaccine in Early Infancy. <i>Pediatric Infectious Disease Journal</i> , 2016, 35, 787-793.	2.0	14
44	Variable phenotype and discrete alterations of immune phenotypes in CTP synthase 1 deficiency: Report of 2 siblings. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1722-1725.e6.	2.9	18
45	Investigating the effect of AS03 adjuvant on the plasma cell repertoire following pH1N1 influenza vaccination. <i>Scientific Reports</i> , 2016, 6, 37229.	3.3	53
46	B-cell repertoire dynamics after sequential hepatitis B vaccination and evidence for cross-reactive B-cell activation. <i>Genome Medicine</i> , 2016, 8, 68.	8.2	64
47	Sex-dependent immune responses to infant vaccination: an individual participant data meta-analysis of antibody and memory B cells. <i>Vaccine</i> , 2016, 34, 1657-1664.	3.8	38
48	A simple scoring system to train surgeons in basic laparoscopic skills. <i>Pediatric Surgery International</i> , 2016, 32, 245-252.	1.4	4
49	Nonotogenic Skull Base Osteomyelitis in Children. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 1025-1027.	2.0	10
50	In-Depth Assessment of Within-Individual and Inter-Individual Variation in the B Cell Receptor Repertoire. <i>Frontiers in Immunology</i> , 2015, 6, 531.	4.8	92
51	Identification of Antigen-Specific B-Cell Receptor Sequences from the Total B-Cell Repertoire. <i>Critical Reviews in Immunology</i> , 2015, 35, 463-478.	0.5	15
52	Visceral leishmaniasis in an infant following a holiday trip to Spain. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015209484-bcr2015209484.	0.5	3
53	Analysis of B Cell Repertoire Dynamics Following Hepatitis B Vaccination in Humans, and Enrichment of Vaccine-specific Antibody Sequences. <i>EBioMedicine</i> , 2015, 2, 2070-2079.	6.1	92
54	BCR repertoire sequencing: different patterns of B cell activation after two Meningococcal vaccines. <i>Immunology and Cell Biology</i> , 2015, 93, 885-895.	2.3	83

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55	Identification of Antigen-Specific B Cell Receptor Sequences Using Public Repertoire Analysis. <i>Journal of Immunology</i> , 2015, 194, 252-261.	0.8	115
56	Effect of cryopreservation of peripheral blood mononuclear cells (PBMCs) on the variability of an antigen-specific memory B cell ELISpot. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2490-2496.	3.3	24
57	Polysaccharide-specific B cell responses to vaccination in humans. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 1661-1668.	3.3	42
58	The Effect of Chronic Cytomegalovirus Infection on Pneumococcal Vaccine Responses. <i>Journal of Infectious Diseases</i> , 2014, 209, 1635-1641.	4.0	19
59	Studying the antibody repertoire after vaccination: practical applications. <i>Trends in Immunology</i> , 2014, 35, 319-331.	6.8	110
60	Pneumococcal Serotype-Specific Antibodies Persist through Early Childhood after Infant Immunization: Follow-Up from a Randomized Controlled Trial. <i>PLoS ONE</i> , 2014, 9, e91413.	2.5	12
61	The zwitterionic type I <i>Streptococcus pneumoniae</i> polysaccharide does not induce memory B cell formation in humans. <i>Immunobiology</i> , 2013, 218, 368-372.	1.9	15
62	Genetic material should be routinely collected in clinical vaccine trials – High consent rates can be achieved across all age groups. <i>Vaccine</i> , 2013, 31, 2744-2748.	3.8	1
63	Use of the 13-valent pneumococcal conjugate vaccine in children and adolescents aged 6 – 17 years. <i>Expert Opinion on Biological Therapy</i> , 2013, 13, 1451-1465.	3.1	11
64	Pneumococcal Polysaccharide Vaccine Efficacy and Routine Use of Conjugate Vaccines in Infants: There Is No Need for a Vaccine Program in Older Adults at Present. <i>Clinical Infectious Diseases</i> , 2012, 55, 1577-1579.	5.8	17
65	Congenital syphilis in Switzerland: gone, forgotten, on the return. <i>Swiss Medical Weekly</i> , 2012, 141, w13325.	1.6	9
66	Febrile Seizures in Children during the Influenza A (H1N1) Pandemic 2009/2010. <i>Klinische Padiatrie</i> , 2011, 223, 438-439.	0.6	0
67	Gout in pediatric renal transplant recipients. <i>Pediatric Nephrology</i> , 2010, 25, 2535-2538.	1.7	10
68	Challenges in immunisation against bacterial infection in children. <i>Early Human Development</i> , 2010, 86, 695-701.	1.8	10