

Rob ter Horst

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,695
citations

394286

19
h-index

243529

44
g-index

45
all docs

45
docs citations

45
times ranked

6597
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The gut microbiome as mediator between diet and its impact on immune function. <i>Scientific Reports</i> , 2022, 12, 5149. | 1.6 | 14 |
| 2 | The Quantified Scientist: Citizen Neuroscience and Neurotechnology. <i>AJOB Neuroscience</i> , 2022, 13, 63-65. | 0.6 | 1 |
| 3 | Type 2 Diabetes-Related Variants Influence the Risk of Developing Prostate Cancer: A Population-Based Case-Control Study and Meta-Analysis. <i>Cancers</i> , 2022, 14, 2376. | 1.7 | 6 |
| 4 | Validation and functional characterization of GWAS-identified variants for chronic lymphocytic leukemia: a CRuCIAL study. <i>Blood Cancer Journal</i> , 2022, 12, 79. | 2.8 | 1 |
| 5 | Common gene variants within 3' untranslated regions as modulators of multiple myeloma risk and survival. <i>International Journal of Cancer</i> , 2021, 148, 1887-1894. | 2.3 | 3 |
| 6 | Reduced concentrations of the B cell cytokine interleukin 38 are associated with cardiovascular disease risk in overweight subjects. <i>European Journal of Immunology</i> , 2021, 51, 662-671. | 1.6 | 23 |
| 7 | Comparative host transcriptome in response to pathogenic fungi identifies common and species-specific transcriptional antifungal host response pathways. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 647-663. | 1.9 | 16 |
| 8 | An integrative model of cardiometabolic traits identifies two types of metabolic syndrome. <i>ELife</i> , 2021, 10, . | 2.8 | 4 |
| 9 | Thyrotrophin and thyroxine support immune homeostasis in humans. <i>Immunology</i> , 2021, 163, 155-168. | 2.0 | 12 |
| 10 | Polymorphisms within Autophagy-Related Genes Influence the Risk of Developing Colorectal Cancer: A Meta-Analysis of Four Large Cohorts. <i>Cancers</i> , 2021, 13, 1258. | 1.7 | 3 |
| 11 | Chronic HIV infection induces transcriptional and functional reprogramming of innate immune cells. <i>JCI Insight</i> , 2021, 6, . | 2.3 | 33 |
| 12 | The Architecture of Circulating Immune Cells Is Dysregulated in People Living With HIV on Long Term Antiretroviral Treatment and Relates With Markers of the HIV-1 Reservoir, Cytomegalovirus, and Microbial Translocation. <i>Frontiers in Immunology</i> , 2021, 12, 661990. | 2.2 | 19 |
| 13 | Genetic Variation in PFKFB3 Impairs Antifungal Immunometabolic Responses and Predisposes to Invasive Pulmonary Aspergillosis. <i>MBio</i> , 2021, 12, e0036921. | 1.8 | 6 |
| 14 | Seasonal and Nonseasonal Longitudinal Variation of Immune Function. <i>Journal of Immunology</i> , 2021, 207, 696-708. | 0.4 | 16 |
| 15 | The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. <i>Frontiers in Immunology</i> , 2021, 12, 720090. | 2.2 | 9 |
| 16 | Polymorphisms within the TNFSF4 and MAPKAPK2 Loci Influence the Risk of Developing Invasive Aspergillosis: A Two-Stage Case Control Study in the Context of the aspBIOmics Consortium. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 4. | 1.5 | 5 |
| 17 | Validation of GWAS-Identified Variants for Anti-TNF Drug Response in Rheumatoid Arthritis: A Meta-Analysis of Two Large Cohorts. <i>Frontiers in Immunology</i> , 2021, 12, 672255. | 2.2 | 6 |
| 18 | Genetic and Microbial Associations to Plasma and Fecal Bile Acids in Obesity Relate to Plasma Lipids and Liver Fat Content. <i>Cell Reports</i> , 2020, 33, 108212. | 2.9 | 55 |

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|----|--|------|-----------|
| 19 | The shaping of immunological responses through natural selection after the Roma Diaspora. <i>Scientific Reports</i> , 2020, 10, 16134. | 1.6 | 2 |
| 20 | Limited impact of impaired awareness of hypoglycaemia and severe hypoglycaemia on the inflammatory profile of people with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 2427-2436. | 2.2 | 5 |
| 21 | CRELD1 modulates homeostasis of the immune system in mice and humans. <i>Nature Immunology</i> , 2020, 21, 1517-1527. | 7.0 | 13 |
| 22 | Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020, 11, 2282. | 5.8 | 68 |
| 23 | Sex-Specific Regulation of Inflammation and Metabolic Syndrome in Obesity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 1787-1800. | 1.1 | 77 |
| 24 | Vasculometabolic and Inflammatory Effects of Aldosterone in Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2719-2731. | 1.8 | 8 |
| 25 | NFKB2 polymorphisms associate with the risk of developing rheumatoid arthritis and response to TNF inhibitors: Results from the REPAIR consortium. <i>Scientific Reports</i> , 2020, 10, 4316. | 1.6 | 14 |
| 26 | Involvement of Lactate and Pyruvate in the Anti-Inflammatory Effects Exerted by Voluntary Activation of the Sympathetic Nervous System. <i>Metabolites</i> , 2020, 10, 148. | 1.3 | 17 |
| 27 | Long-Lasting Transcriptional Changes in Circulating Monocytes of Acute Q Fever Patients. <i>Open Forum Infectious Diseases</i> , 2019, 6, . | 0.4 | 5 |
| 28 | Steroid hormone-related polymorphisms associate with the development of bone erosions in rheumatoid arthritis and help to predict disease progression: Results from the REPAIR consortium. <i>Scientific Reports</i> , 2019, 9, 14812. | 1.6 | 7 |
| 29 | Immune cell characteristics and cytokine responses in adult HIV-negative tuberculous meningitis: an observational cohort study. <i>Scientific Reports</i> , 2019, 9, 884. | 1.6 | 26 |
| 30 | Frontline Science: Endotoxin-induced immunotolerance is associated with loss of monocyte metabolic plasticity and reduction of oxidative burst. <i>Journal of Leukocyte Biology</i> , 2019, 106, 11-25. | 1.5 | 38 |
| 31 | A possible role for mitochondrial-derived peptides humanin and MOTS-c in patients with Q fever fatigue syndrome and chronic fatigue syndrome. <i>Journal of Translational Medicine</i> , 2019, 17, 157. | 1.8 | 17 |
| 32 | The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. <i>Cell Metabolism</i> , 2019, 29, 211-220.e5. | 7.2 | 232 |
| 33 | Physiological and Genetic Adaptations to Diving in Sea Nomads. <i>Cell</i> , 2018, 173, 569-580.e15. | 13.5 | 129 |
| 34 | Metabolic Induction of Trained Immunity through the Mevalonate Pathway. <i>Cell</i> , 2018, 172, 135-146.e9. | 13.5 | 485 |
| 35 | Establishing normal metabolism and differentiation in hepatocellular carcinoma cells by culturing in adult human serum. <i>Scientific Reports</i> , 2018, 8, 11685. | 1.6 | 20 |
| 36 | Rewiring monocyte glucose metabolism via C-type lectin signaling protects against disseminated candidiasis. <i>PLoS Pathogens</i> , 2017, 13, e1006632. | 2.1 | 73 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Understanding human immune function using the resources from the Human Functional Genomics Project. <i>Nature Medicine</i> , 2016, 22, 831-833. | 15.2 | 63 |
| 38 | Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. <i>Cell Metabolism</i> , 2016, 24, 807-819. | 7.2 | 584 |
| 39 | Functional and Genomic Architecture of <i>Borrelia burgdorferi</i> -Induced Cytokine Responses in Humans. <i>Cell Host and Microbe</i> , 2016, 20, 822-833. | 5.1 | 44 |
| 40 | Host and Environmental Factors Influencing Individual Human Cytokine Responses. <i>Cell</i> , 2016, 167, 1111-1124.e13. | 13.5 | 364 |
| 41 | Linking the Human Gut Microbiome to Inflammatory Cytokine Production Capacity. <i>Cell</i> , 2016, 167, 1125-1136.e8. | 13.5 | 806 |
| 42 | Integrative Genomics-Based Discovery of Novel Regulators of the Innate Antiviral Response. <i>PLoS Computational Biology</i> , 2015, 11, e1004553. | 1.5 | 25 |
| 43 | Comparison of Methods for Image-Based Profiling of Cellular Morphological Responses to Small-Molecule Treatment. <i>Journal of Biomolecular Screening</i> , 2013, 18, 1321-1329. | 2.6 | 166 |