

# Damien Chaussabel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5330306/publications.pdf>

Version: 2024-02-01

160  
papers

17,579  
citations

23500

58  
h-index

15218

126  
g-index

182  
all docs

182  
docs citations

182  
times ranked

23349  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Transcriptomic profile investigations highlight a putative role for NUDT16 in sepsis. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1714-1721.   | 1.6 | 5         |
| 2  | Understanding the Mechanism of Diabetes Mellitus in a LRBA-Deficient Patient. <i>Biology</i> , 2022, 11, 612.  | 1.3 | 0         |
| 3  | TLR3 controls constitutive IFN- $\hat{2}$ antiviral immunity in human fibroblasts and cortical neurons. <i>Journal of Clinical Investigation</i> , 2021, 131, .  | 3.9 | 64        |
| 4  | BloodGen3Module: blood transcriptional module repertoire analysis and visualization using R. <i>Bioinformatics</i> , 2021, 37, 2382-2389.  | 1.8 | 18        |
| 5  | Connection of BANK1, Tolerance, Regulatory B cells, and Apoptosis: Perspectives of a Reductionist Investigation. <i>Frontiers in Immunology</i> , 2021, 12, 589786.  | 2.2 | 10        |
| 6  | Vaginal Microbiota and Cytokine Levels Predict Preterm Delivery in Asian Women. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639665.  | 1.8 | 34        |
| 7  | Transcriptomic Profiling Identifies Neutrophil-Specific Upregulation of Cystatin F as a Marker of Acute Inflammation in Humans. <i>Frontiers in Immunology</i> , 2021, 12, 634119.   | 2.2 | 14        |
| 8  | Integrated transcriptionalâ€phenotypic analysis captures systemic immunomodulation following antiangiogenic therapy in renal cell carcinoma patients. <i>Clinical and Translational Medicine</i> , 2021, 11, e434.               | 1.7 | 3         |
| 9  | Development of a fixed module repertoire for the analysis and interpretation of blood transcriptome data. <i>Nature Communications</i> , 2021, 12, 4385.   | 5.8 | 29        |
| 10 | Transcriptome and Literature Mining Highlight the Differential Expression of ERLIN1 in Immune Cells during Sepsis. <i>Biology</i> , 2021, 10, 755.   | 1.3 | 4         |
| 11 | Prospective validation study of prognostic biomarkers to predict adverse outcomes in patients with COVID-19: a study protocol. <i>BMJ Open</i> , 2021, 11, e044497.  | 0.8 | 14        |
| 12 | SysInflam HuDB, a Web Resource for Mining Human Blood Cells Transcriptomic Data Associated with Systemic Inflammatory Responses to Sepsis. <i>Journal of Immunology</i> , 2021, 207, 2195-2202.                                  | 0.4 | 3         |
| 13 | Paradoxical association between blood modular interferon signatures and quality of life in patients with systemic lupus erythematosus. <i>Rheumatology</i> , 2020, 59, 1975-1983.  | 0.9 | 10        |
| 14 | Blood genome expression profiles in infants with congenital cytomegalovirus infection. <i>Nature Communications</i> , 2020, 11, 3548.  | 5.8 | 15        |
| 15 | Annexin A3 in sepsis: novel perspectives from an exploration of public transcriptome data. <i>Immunology</i> , 2020, 161, 291-302.   | 2.0 | 32        |
| 16 | A Neutrophil-Driven Inflammatory Signature Characterizes the Blood Transcriptome Fingerprint of Psoriasis. <i>Frontiers in Immunology</i> , 2020, 11, 587946.  | 2.2 | 19        |
| 17 | Cohort profile: molecular signature in pregnancy (MSP): longitudinal high-frequency sampling to characterise cross-omic trajectories in pregnancy in a resource-constrained setting. <i>BMJ Open</i> , 2020, 10, e041631.        | 0.8 | 6         |
| 18 | Characterization of peripheral blood mononuclear cells gene expression profiles of pediatric <i>Staphylococcus aureus</i> persistent and non-carriers using a targeted assay. <i>Microbes and Infection</i> , 2020, 22, 540-549. | 1.0 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A modular framework for the development of targeted Covid-19 blood transcript profiling panels. <i>Journal of Translational Medicine</i> , 2020, 18, 291.  | 1.8 | 13        |
| 20 | Definition of erythroid cell- $\epsilon$ positive blood transcriptome phenotypes associated with severe respiratory syncytial virus infection. <i>Clinical and Translational Medicine</i> , 2020, 10, e244.            | 1.7 | 22        |
| 21 | Blood gene transcript signature profiling in pregnancies resulting in preterm birth: A systematic review. <i>European Journal of Obstetrics and Gynecology and Reproductive Biology: X</i> , 2020, 8, 100118.          | 0.6 | 3         |
| 22 | Differential regulation of the immune system in a brain-liver-fats organ network during short-term fasting. <i>Molecular Metabolism</i> , 2020, 40, 101038.  | 3.0 | 7         |
| 23 | Three Copies of Four Interferon Receptor Genes Underlie a Mild Type I Interferonopathy in Down Syndrome. <i>Journal of Clinical Immunology</i> , 2020, 40, 807-819.  | 2.0 | 44        |
| 24 | Influence of storage conditions of small volumes of blood on immune transcriptomic profiles. <i>BMC Research Notes</i> , 2020, 13, 150.  | 0.6 | 2         |
| 25 | Transketolase and vitamin B1 influence on ROS-dependent neutrophil extracellular traps (NETs) formation. <i>PLoS ONE</i> , 2019, 14, e0221016.   | 1.1 | 16        |
| 26 | A curated collection of transcriptome datasets to investigate the molecular mechanisms of immunoglobulin E-mediated atopic diseases. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, . | 1.4 | 4         |
| 27 | Transcriptional profiling unveils type I and II interferon networks in blood and tissues across diseases. <i>Nature Communications</i> , 2019, 10, 2887.   | 5.8 | 65        |
| 28 | Long-Chain Acyl-CoA Synthetase 1 Role in Sepsis and Immunity: Perspectives From a Parallel Review of Public Transcriptome Datasets and of the Literature. <i>Frontiers in Immunology</i> , 2019, 10, 2410.             | 2.2 | 33        |
| 29 | A prospective cohort for the investigation of alteration in temporal transcriptional and microbiome trajectories preceding preterm birth: a study protocol. <i>BMJ Open</i> , 2019, 9, e023417.                        | 0.8 | 15        |
| 30 | A curated transcriptome dataset collection to investigate inborn errors of immunity. <i>F1000Research</i> , 2019, 8, 188.  | 0.8 | 3         |
| 31 | A curated transcriptome dataset collection to investigate the blood transcriptional response to viral respiratory tract infection and vaccination.. <i>F1000Research</i> , 2019, 8, 284.                               | 0.8 | 9         |
| 32 | A curated transcriptome dataset collection to investigate inborn errors of immunity. <i>F1000Research</i> , 2019, 8, 188.  | 0.8 | 3         |
| 33 | Mapping the Road of Gvhd and GVT: A Longitudinal Study of Immune-Transcriptome Signatures As Novel Approach to Solve Post-Allogeneic Hematopoietic Cell Transplantation Dilemmas. <i>Blood</i> , 2019, 134, 4550-4550. | 0.6 | 1         |
| 34 | Progression of whole-blood transcriptional signatures from interferon-induced to neutrophil-associated patterns in severe influenza. <i>Nature Immunology</i> , 2018, 19, 625-635.                                     | 7.0 | 119       |
| 35 | IRF4 haploinsufficiency in a family with Whipple- $\epsilon$ ™s disease. <i>ELife</i> , 2018, 7, .   | 2.8 | 43        |
| 36 | Using $\epsilon$ -collective omics data $\epsilon$ ™ for biomedical research training. <i>Immunology</i> , 2018, 155, 18-23.   | 2.0 | 15        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 37 | Life-threatening influenza pneumonitis in a child with inherited IRF9 deficiency. <i>Journal of Experimental Medicine</i> , 2018, 215, 2567-2585.  | 4.2  | 146       |
| 38 | A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. <i>Science Immunology</i> , 2018, 3, .  | 5.6  | 132       |
| 39 | Shared and organism-specific host responses to childhood diarrheal diseases revealed by whole blood transcript profiling. <i>PLoS ONE</i> , 2018, 13, e0192082.  | 1.1  | 23        |
| 40 | Whole blood transcriptional profiles as a prognostic tool in complete and incomplete Kawasaki Disease. <i>PLoS ONE</i> , 2018, 13, e0197858.   | 1.1  | 39        |
| 41 | Modular transcriptional repertoire analyses identify a blood neutrophil signature as a candidate biomarker for lupus nephritis. <i>Rheumatology</i> , 2017, 56, kew439.  | 0.9  | 34        |
| 42 | Inherited human IRAK-1 deficiency selectively impairs TLR signaling in fibroblasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E514-E523.                             | 3.3  | 49        |
| 43 | Human Adaptive Immunity Rescues an Inborn Error of Innate Immunity. <i>Cell</i> , 2017, 168, 789-800.e10.  | 13.5 | 68        |
| 44 | Multicenter Systems Analysis of Human Blood Reveals Immature Neutrophils in Males and During Pregnancy. <i>Journal of Immunology</i> , 2017, 198, 2479-2488.   | 0.4  | 66        |
| 45 | Multicohort analysis reveals baseline transcriptional predictors of influenza vaccination responses. <i>Science Immunology</i> , 2017, 2, .  | 5.6  | 122       |
| 46 | A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.  | 0.8  | 14        |
| 47 | ÅA curated transcriptomic dataset collection relevant to embryonic development associated with in vitro fertilization in healthy individuals and patients with polycystic ovary syndrome. <i>F1000Research</i> , 2017, 6, 181. | 0.8  | 7         |
| 48 | A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.  | 0.8  | 14        |
| 49 | Transcriptomic evidence for modulation of host inflammatory responses during febrile <i>Plasmodium falciparum</i> malaria. <i>Scientific Reports</i> , 2016, 6, 31291.   | 1.6  | 85        |
| 50 | A 380-gene meta-signature of active tuberculosis compared with healthy controls. <i>European Respiratory Journal</i> , 2016, 47, 1873-1876.  | 3.1  | 51        |
| 51 | Introducing a New Dimension to Molecular Disease Classifications. <i>Trends in Molecular Medicine</i> , 2016, 22, 451-453.   | 3.5  | 7         |
| 52 | Nasopharyngeal Microbiota, Host Transcriptome, and Disease Severity in Children with Respiratory Syncytial Virus Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1104-1115.          | 2.5  | 337       |
| 53 | Association of RNA Biosignatures With Bacterial Infections in Febrile Infants Aged 60 Days or Younger. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 846.   | 3.8  | 180       |
| 54 | Blood-Borne RNA Correlates with Disease Activity and IFN-Stimulated Gene Expression in Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2016, 197, 2854-2863.  | 0.4  | 18        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | A curated compendium of monocyte transcriptome datasets of relevance to human monocyte immunobiology research. F1000Research, 2016, 5, 291.  | 0.8 | 20        |
| 56 | A curated transcriptome dataset collection to investigate the immunobiology of HIV infection. F1000Research, 2016, 5, 327.   | 0.8 | 10        |
| 57 | A curated transcriptome dataset collection to investigate the development and differentiation of the human placenta and its associated pathologies. F1000Research, 2016, 5, 305.                             | 0.8 | 10        |
| 58 | A curated transcriptome dataset collection to investigate the development and differentiation of the human placenta and its associated pathologies. F1000Research, 2016, 5, 305.                             | 0.8 | 12        |
| 59 | A curated transcriptome dataset collection to investigate the functional programming of human hematopoietic cells in early life. F1000Research, 2016, 5, 414.  | 0.8 | 12        |
| 60 | Finger stick blood collection for gene expression profiling and storage of tempus blood RNA tubes. F1000Research, 2016, 5, 1385.   | 0.8 | 17        |
| 61 | Analysis of Transcriptional Signatures in Response to <i>Listeria monocytogenes</i> Infection Reveals Temporal Changes That Result from Type I Interferon Signaling. PLoS ONE, 2016, 11, e0150251.           | 1.1 | 10        |
| 62 | The Transcriptional Signature of Active Tuberculosis Reflects Symptom Status in Extra-Pulmonary and Pulmonary Tuberculosis. PLoS ONE, 2016, 11, e0162220.  | 1.1 | 81        |
| 63 | Neuroinvasive West Nile Infection Elicits Elevated and Atypically Polarized T Cell Responses That Promote a Pathogenic Outcome. PLoS Pathogens, 2016, 12, e1005375.  | 2.1 | 31        |
| 64 | A Web-Based Systems Immunology Toolkit Allows the Visualization and Analysis of Public Collective Data to Decipher Immunity in Early Life. , 2016, , .   |     | 0         |
| 65 | Big Data as the Foundation of a Novel Training Platform for Biomedical Researchers in Qatar. , 2016, , .   |     | 0         |
| 66 | A compendium of monocyte transcriptome datasets to foster biomedical knowledge discovery. F1000Research, 2016, 5, 291.   | 0.8 | 4         |
| 67 | Finger stick blood collection for gene expression profiling and storage of tempus blood RNA tubes. F1000Research, 2016, 5, 1385.   | 0.8 | 16        |
| 68 | An interactive web application for the dissemination of human systems immunology data. Journal of Translational Medicine, 2015, 13, 196.   | 1.8 | 49        |
| 69 | Adult-onset type 1 diabetes patients display decreased IGRP-specific Tr1 cells in blood. Clinical Immunology, 2015, 161, 270-277.  | 1.4 | 23        |
| 70 | Mutations of HNRNPA0 and WIF1 predispose members of a large family to multiple cancers. Familial Cancer, 2015, 14, 297-306.  | 0.9 | 28        |
| 71 | Assessment of immune status using blood transcriptomics and potential implications for global health. Seminars in Immunology, 2015, 27, 58-66.   | 2.7 | 110       |
| 72 | Diarrheagenic <i>Escherichia coli</i> Carrying Supplementary Virulence Genes Are an Important Cause of Moderate to Severe Diarrhoeal Disease in Mexico. PLoS Neglected Tropical Diseases, 2015, 9, e0003510. | 1.3 | 46        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 73 | A vision and a prescription for big data-enabled medicine. <i>Nature Immunology</i> , 2015, 16, 435-439.  | 7.0  | 34        |
| 74 | Life-threatening influenza and impaired interferon amplification in human IRF7 deficiency. <i>Science</i> , 2015, 348, 448-453.   | 6.0  | 389       |
| 75 | HIV-associated tuberculosis-associated immune reconstitution inflammatory syndrome is characterized by Toll-like receptor and inflammasome signalling. <i>Nature Communications</i> , 2015, 6, 8451.                    | 5.8  | 81        |
| 76 | Human TYK2 deficiency: Mycobacterial and viral infections without hyper-IgE syndrome. <i>Journal of Experimental Medicine</i> , 2015, 212, 1641-1662.   | 4.2  | 293       |
| 77 | The Blood Transcriptome of Experimental Melioidosis Reflects Disease Severity and Shows Considerable Similarity with the Human Disease. <i>Journal of Immunology</i> , 2015, 195, 3248-3261.                            | 0.4  | 20        |
| 78 | Abundance of ADAM9 transcripts increases in the blood in response to tissue damage. <i>F1000Research</i> , 2015, 4, 89.   | 0.8  | 15        |
| 79 | Increased abundance of ADAM9 transcripts in the blood is associated with tissue damage. <i>F1000Research</i> , 2015, 4, 89.   | 0.8  | 19        |
| 80 | Blood Interferon Signatures Putatively Link Lack of Protection Conferred by the RTS,S Recombinant Malaria Vaccine to an Antigen-specific IgE Response. <i>F1000Research</i> , 2015, 4, 919.                             | 0.8  | 33        |
| 81 | Blood Interferon Signatures Putatively Link Lack of Protection Conferred by the RTS,S Recombinant Malaria Vaccine to an Antigen-specific IgE Response. <i>F1000Research</i> , 2015, 4, 919.                             | 0.8  | 19        |
| 82 | The Relationship of Immune Cell Signatures to Patient Survival Varies within and between Tumor Types. <i>PLoS ONE</i> , 2015, 10, e0138726.   | 1.1  | 24        |
| 83 | Identification of the Key Differential Transcriptional Responses of Human Whole Blood Following TLR2 or TLR4 Ligation In-Vitro. <i>PLoS ONE</i> , 2014, 9, e97702.  | 1.1  | 17        |
| 84 | Dissection of Immune Gene Networks in Primary Melanoma Tumors Critical for Antitumor Surveillance of Patients with Stage II-III Resectable Disease. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2202-2211. | 0.3  | 51        |
| 85 | Transcriptional specialization of human dendritic cell subsets in response to microbial vaccines. <i>Nature Communications</i> , 2014, 5, 5283.   | 5.8  | 51        |
| 86 | Modular Transcriptional Repertoire Analyses of Adults With Systemic Lupus Erythematosus Reveal Distinct Type I and Type II Interferon Signatures. <i>Arthritis and Rheumatology</i> , 2014, 66, 1583-1595.              | 2.9  | 302       |
| 87 | Low HERV-K(C4) Copy Number Is Associated With Type 1 Diabetes. <i>Diabetes</i> , 2014, 63, 1789-1795.   | 0.3  | 34        |
| 88 | Copy Number Loss of the Interferon Gene Cluster in Melanomas Is Linked to Reduced T Cell Infiltrate and Poor Patient Prognosis. <i>PLoS ONE</i> , 2014, 9, e109760.   | 1.1  | 192       |
| 89 | Democratizing systems immunology with modular transcriptional repertoire analyses. <i>Nature Reviews Immunology</i> , 2014, 14, 271-280.  | 10.6 | 190       |
| 90 | Global Analyses of Human Immune Variation Reveal Baseline Predictors of Postvaccination Responses. <i>Cell</i> , 2014, 157, 499-513.  | 13.5 | 424       |

| #   | ARTICLE   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 91  | Molecular signatures of antibody responses derived from a systems biology study of five human vaccines. <i>Nature Immunology</i> , 2014, 15, 195-204.   | 7.0 | 672       |
| 92  | A narrow repertoire of transcriptional modules responsive to pyogenic bacteria is impaired in patients carrying loss-of-function mutations in MYD88 or IRAK4. <i>Nature Immunology</i> , 2014, 15, 1134-1142. | 7.0 | 75        |
| 93  | A transcriptomic reporter assay employing neutrophils to measure immunogenic activity of septic patients' plasma. <i>Journal of Translational Medicine</i> , 2014, 12, 65.                                    | 1.8 | 34        |
| 94  | Haploinsufficiency at the human IFNGR2 locus contributes to mycobacterial disease. <i>Human Molecular Genetics</i> , 2013, 22, 769-781.   | 1.4 | 58        |
| 95  | Induction of B7-H6, a ligand for the natural killer cell-activating receptor NKp30, in inflammatory conditions. <i>Blood</i> , 2013, 122, 394-404.  | 0.6 | 120       |
| 96  | Transforming Growth Factor $\beta$ 2 Signaling Controls Activities of Human Intestinal CD8+T Suppressor Cells. <i>Gastroenterology</i> , 2013, 144, 601-612.e1.   | 0.6 | 16        |
| 97  | Quiescent Innate Response to Infective Filariae by Human Langerhans Cells Suggests a Strategy of Immune Evasion. <i>Infection and Immunity</i> , 2013, 81, 1420-1429.   | 1.0 | 17        |
| 98  | Systems Scale Interactive Exploration Reveals Quantitative and Qualitative Differences in Response to Influenza and Pneumococcal Vaccines. <i>Immunity</i> , 2013, 38, 831-844.                               | 6.6 | 284       |
| 99  | Disease Mechanisms in Rheumatology: Tools and Pathways: Current Perspectives on Systems Immunology Approaches to Rheumatic Diseases. <i>Arthritis and Rheumatism</i> , 2013, 65, 1407-1417.                   | 6.7 | 21        |
| 100 | Whole Blood Gene Expression Profiles to Assess Pathogenesis and Disease Severity in Infants with Respiratory Syncytial Virus Infection. <i>PLoS Medicine</i> , 2013, 10, e1001549.                            | 3.9 | 273       |
| 101 | TPL-2-ERK1/2 Signaling Promotes Host Resistance against Intracellular Bacterial Infection by Negative Regulation of Type I IFN Production. <i>Journal of Immunology</i> , 2013, 191, 1732-1743.               | 0.4 | 84        |
| 102 | ZnT8-Specific CD4+ T Cells Display Distinct Cytokine Expression Profiles between Type 1 Diabetes Patients and Healthy Adults. <i>PLoS ONE</i> , 2013, 8, e55595.  | 1.1 | 28        |
| 103 | Transcriptional Blood Signatures Distinguish Pulmonary Tuberculosis, Pulmonary Sarcoidosis, Pneumonias and Lung Cancers. <i>PLoS ONE</i> , 2013, 8, e70630.   | 1.1 | 254       |
| 104 | Interferon Signature in the Blood in Inflammatory Common Variable Immune Deficiency. <i>PLoS ONE</i> , 2013, 8, e74893.   | 1.1 | 64        |
| 105 | Incidence, clinical presentation, and antimicrobial resistance trends in <i>Salmonella</i> and <i>Shigella</i> infections from children in Yucatan, Mexico. <i>Frontiers in Microbiology</i> , 2013, 4, 288.  | 1.5 | 26        |
| 106 | Heterozygous <i>TBK1</i> mutations impair TLR3 immunity and underlie herpes simplex encephalitis of childhood. <i>Journal of Experimental Medicine</i> , 2012, 209, 1567-1582.                                | 4.2 | 231       |
| 107 | Gene expression changes in human islets exposed to type 1 diabetic serum. <i>Islets</i> , 2012, 4, 312-319.   | 0.9 | 9         |
| 108 | Transcriptional network predicts viral set point during acute HIV-1 infection. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 1103-1109.                                   | 2.2 | 12        |



| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 109 | Immunodeficiency, autoinflammation and amylopectinosis in humans with inherited HOIL-1 and LUBAC deficiency. <i>Nature Immunology</i> , 2012, 13, 1178-1186.   | 7.0  | 410       |
| 110 | Production of interleukin-27 by human neutrophils regulates their function during bacterial infection. <i>European Journal of Immunology</i> , 2012, 42, 3280-3290.  | 1.6  | 37        |
| 111 | Plasticity and Virus Specificity of the Airway Epithelial Cell Immune Response during Respiratory Virus Infection. <i>Journal of Virology</i> , 2012, 86, 5422-5436.   | 1.5  | 176       |
| 112 | Systems Biology Approaches Reveal a Specific Interferon-Inducible Signature in HTLV-1 Associated Myelopathy. <i>PLoS Pathogens</i> , 2012, 8, e1002480.  | 2.1  | 92        |
| 113 | Host Immune Transcriptional Profiles Reflect the Variability in Clinical Disease Manifestations in Patients with <i>Staphylococcus aureus</i> Infections. <i>PLoS ONE</i> , 2012, 7, e34390.   | 1.1  | 100       |
| 114 | Detectable Changes in The Blood Transcriptome Are Present after Two Weeks of Antituberculosis Therapy. <i>PLoS ONE</i> , 2012, 7, e46191.  | 1.1  | 190       |
| 115 | IRF8 Mutations and Human Dendritic-Cell Immunodeficiency. <i>New England Journal of Medicine</i> , 2011, 365, 127-138.   | 13.9 | 564       |
| 116 | Improving Efficacy of Clinical Islet Transplantation with Iodixanol-Based Islet Purification, Thymoglobulin Induction, and Blockage of IL-1 $\beta$ and TNF- $\alpha$ . <i>Cell Transplantation</i> , 2011, 20, 1641-1647.                                       | 1.2  | 113       |
| 117 | Programmed death ligand 1 is overexpressed by neutrophils in the blood of patients with active tuberculosis. <i>European Journal of Immunology</i> , 2011, 41, 1941-1947.  | 1.6  | 104       |
| 118 | A multicentre, randomised, double-blind, placebo-controlled trial with the interleukin-1 receptor antagonist anakinra in patients with systemic-onset juvenile idiopathic arthritis (ANAJIS trial). <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 747-754. | 0.5  | 462       |
| 119 | Herpes simplex virus encephalitis in a patient with complete TLR3 deficiency: TLR3 is otherwise redundant in protective immunity. <i>Journal of Experimental Medicine</i> , 2011, 208, 2083-2098.  | 4.2  | 262       |
| 120 | Herpes simplex encephalitis in children with autosomal recessive and dominant TRIF deficiency. <i>Journal of Clinical Investigation</i> , 2011, 121, 4889-4902.  | 3.9  | 254       |
| 121 | Blood Transcriptional Fingerprints to Assess the Immune Status of Human Subjects. , 2011, , 105-125.   |      | 1         |
| 122 | A novel form of human STAT1 deficiency impairing early but not late responses to interferons. <i>Blood</i> , 2010, 116, 5895-5906.   | 0.6  | 93        |
| 123 | Systemic sclerosis and lupus: Points in an interferon-mediated continuum. <i>Arthritis and Rheumatism</i> , 2010, 62, 589-598.   | 6.7  | 177       |
| 124 | Assessing the human immune system through blood transcriptomics. <i>BMC Biology</i> , 2010, 8, 84.   | 1.7  | 235       |
| 125 | TLR recognition of self nucleic acids hampers glucocorticoid activity in lupus. <i>Nature</i> , 2010, 465, 937-941.  | 13.7 | 320       |
| 126 | An interferon-inducible neutrophil-driven blood transcriptional signature in human tuberculosis. <i>Nature</i> , 2010, 466, 973-977.   | 13.7 | 1,632     |



| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 127 | A Genomic Approach to Human Autoimmune Diseases. <i>Annual Review of Immunology</i> , 2010, 28, 535-571.   | 9.5  | 137       |
| 128 | Enhanced Monocyte Response and Decreased Central Memory T Cells in Children with Invasive <i>Staphylococcus aureus</i> Infections. <i>PLoS ONE</i> , 2009, 4, e5446.                                 | 1.1  | 79        |
| 129 | CD2 Distinguishes Two Subsets of Human Plasmacytoid Dendritic Cells with Distinct Phenotype and Functions. <i>Journal of Immunology</i> , 2009, 182, 6815-6823.                                      | 0.4  | 162       |
| 130 | Blood leukocyte microarrays to diagnose systemic onset juvenile idiopathic arthritis and follow the response to IL-1 blockade. <i>Journal of Experimental Medicine</i> , 2009, 206, 2299-2299.       | 4.2  | 0         |
| 131 | Ductal Injection of JNK Inhibitors Before Pancreas Preservation Prevents Islet Apoptosis and Improves Islet Graft Function. <i>Human Gene Therapy</i> , 2009, 20, 73-85.                             | 1.4  | 38        |
| 132 | Ribosomal protein mRNAs are translationally-regulated during human dendritic cells activation by LPS. <i>Immunome Research</i> , 2009, 5, 5.   | 0.1  | 49        |
| 133 | Influence of the transcription factor ROR $\gamma$ t on the development of NKp46+ cell populations in gut and skin. <i>Nature Immunology</i> , 2009, 10, 75-82.                                      | 7.0  | 507       |
| 134 | Data management: it starts at the bench. <i>Nature Immunology</i> , 2009, 10, 1225-1227.   | 7.0  | 18        |
| 135 | Genomic transcriptional profiling identifies a candidate blood biomarker signature for the diagnosis of septicemic melioidosis. <i>Genome Biology</i> , 2009, 10, R127.                              | 13.9 | 176       |
| 136 | A Modular Analysis Framework for Blood Genomics Studies: Application to Systemic Lupus Erythematosus. <i>Immunity</i> , 2008, 29, 150-164.   | 6.6  | 623       |
| 137 | How the study of children with rheumatic diseases identified interferon $\alpha$ and interleukin $\alpha$ 1 as novel therapeutic targets. <i>Immunological Reviews</i> , 2008, 223, 39-59.           | 2.8  | 68        |
| 138 | The immunity-related GTPase Irgm1 promotes the expansion of activated CD4+ T cell populations by preventing interferon- $\beta$ -induced cell death. <i>Nature Immunology</i> , 2008, 9, 1279-1287.  | 7.0  | 110       |
| 139 | Pyogenic Bacterial Infections in Humans with MyD88 Deficiency. <i>Science</i> , 2008, 321, 691-696.  | 6.0  | 844       |
| 140 | A systematic approach to biomarker discovery; Preamble to "the iSBTc-FDA taskforce on immunotherapy biomarkers". <i>Journal of Translational Medicine</i> , 2008, 6, 81.                             | 1.8  | 45        |
| 141 | Functional Specializations of Human Epidermal Langerhans Cells and CD14+ Dermal Dendritic Cells. <i>Immunity</i> , 2008, 29, 497-510.  | 6.6  | 539       |
| 142 | Gene Expression Profiling of Human Pancreatic Islets Undergoing a Simulated Process of Instant Blood-Mediated Inflammatory Reaction. <i>Transplantation Proceedings</i> , 2008, 40, 430-432.         | 0.3  | 12        |
| 143 | Induction of TRAIL- and TNF- $\alpha$ -Dependent Apoptosis in Human Monocyte-Derived Dendritic Cells by Microfilariae of <i>Brugia malayi</i> . <i>Journal of Immunology</i> , 2008, 181, 7081-7089. | 0.4  | 28        |
| 144 | Blood leukocyte microarrays to diagnose systemic onset juvenile idiopathic arthritis and follow the response to IL-1 blockade. <i>Journal of Experimental Medicine</i> , 2007, 204, 2131-2144.       | 4.2  | 215       |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 145 | Gene expression patterns in blood leukocytes discriminate patients with acute infections. <i>Blood</i> , 2007, 109, 2066-2077.  | 0.6  | 462       |
| 146 | Gene Expression in Peripheral Blood Mononuclear Cells from Children with Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3705-3711.   | 1.8  | 201       |
| 147 | Microarray-based identification of novel biomarkers in IL-1-mediated diseases. <i>Current Opinion in Immunology</i> , 2007, 19, 623-632.  | 2.4  | 35        |
| 148 | Analysis of Significance Patterns Identifies Ubiquitous and Disease-Specific Gene-Expression Signatures in Patient Peripheral Blood Leukocytes. <i>Annals of the New York Academy of Sciences</i> , 2005, 1062, 146-154.  | 1.8  | 43        |
| 149 | SP100 inhibits ETS1 activity in primary endothelial cells. <i>Oncogene</i> , 2005, 24, 916-931.   | 2.6  | 43        |
| 150 | Dendritic Cells, Therapeutic Vectors of Immunity and Tolerance. <i>American Journal of Transplantation</i> , 2005, 5, 205-206.  | 2.6  | 17        |
| 151 | Influence of Coinfecting Pathogens on HIV Expression: Evidence for a Role of Toll-Like Receptors. <i>Journal of Immunology</i> , 2004, 172, 7229-7234.  | 0.4  | 92        |
| 152 | Biomedical Literature Mining. <i>Molecular Diagnosis and Therapy</i> , 2004, 4, 383-393.  | 3.3  | 33        |
| 153 | Alteration of Migration and Maturation of Dendritic Cells and T-Cell Depletion in the Course of Experimental <i>Trypanosoma cruzi</i> Infection. <i>Laboratory Investigation</i> , 2003, 83, 1373-1382.                   | 1.7  | 31        |
| 154 | Relationships Among Murine CD11 <sup>high</sup> Dendritic Cell Subsets as Revealed by Baseline Gene Expression Patterns. <i>Journal of Immunology</i> , 2003, 171, 47-60.   | 0.4  | 119       |
| 155 | Unique gene expression profiles of human macrophages and dendritic cells to phylogenetically distinct parasites. <i>Blood</i> , 2003, 102, 672-681.   | 0.6  | 305       |
| 156 | Mining microarray expression data by literature profiling. <i>Genome Biology</i> , 2002, 3, research0055.1.   | 13.9 | 102       |
| 157 | CD40 Ligation Prevents <i>Trypanosoma cruzi</i> Infection through Interleukin-12 Upregulation. <i>Infection and Immunity</i> , 1999, 67, 1929-1934.   | 1.0  | 44        |
| 158 | IL-10 up-regulates nitric oxide (NO) synthesis by lipopolysaccharide (LPS)-activated macrophages: improved control of <i>Trypanosoma cruzi</i> infection. <i>Clinical and Experimental Immunology</i> , 1998, 113, 59-64. | 1.1  | 39        |
| 159 | Organizing gene literature retrieval, profiling, and visualization training workshops for early career researchers. <i>F1000Research</i> , 0, 10, 275.  | 0.8  | 2         |
| 160 | A protocol for extraction of total RNA from finger stick whole blood samples preserved with Tempus <sup>TM</sup> solution. <i>F1000Research</i> , 0, 7, 1739.   | 0.8  | 6         |