

Rainer Blasczyk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9036400/publications.pdf>

Version: 2024-02-01

175
papers

4,359
citations

136950

32
h-index

155660

55
g-index

181
all docs

181
docs citations

181
times ranked

6560
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Signaling to heme oxygenase-1 and its anti-inflammatory therapeutic potential. <i>Biochemical Pharmacology</i> , 2010, 80, 1895-1903. | 4.4 | 648 |
| 2 | COVID-19 immune signatures reveal stable antiviral T cell function despite declining humoral responses. <i>Immunity</i> , 2021, 54, 340-354.e6. | 14.3 | 177 |
| 3 | The nature of diversity and diversification at the ABO locus. <i>Blood</i> , 2003, 102, 3035-3042. | 1.4 | 117 |
| 4 | Reappearance of effector T cells is associated with recovery from COVID-19. <i>EBioMedicine</i> , 2020, 57, 102885. | 6.1 | 109 |
| 5 | Low serum neutralizing anti-SARS-CoV-2 S antibody levels in mildly affected COVID-19 convalescent patients revealed by two different detection methods. <i>Cellular and Molecular Immunology</i> , 2021, 18, 936-944. | 10.5 | 98 |
| 6 | CMV-, EBV- and ADV-Specific T Cell Immunity: Screening and Monitoring of Potential Third-Party Donors to Improve Post-Transplantation Outcome. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 1480-1492. | 2.0 | 75 |
| 7 | Heat shock protein 70 (HSP70) induces cytotoxicity of T-helper cells. <i>Blood</i> , 2009, 113, 3008-3016. | 1.4 | 74 |
| 8 | Generation of HLA-Universal iPSC-Derived Megakaryocytes and Platelets for Survival Under Refractoriness Conditions. <i>Molecular Medicine</i> , 2016, 22, 274-285. | 4.4 | 74 |
| 9 | HSP70 Enhances Immunosuppressive Function of CD4+CD25+FoxP3+ T Regulatory Cells and Cytotoxicity in CD4+CD25 ^{hi} T Cells. <i>PLoS ONE</i> , 2012, 7, e51747. | 2.5 | 71 |
| 10 | miR-145 Contributes to Hypertrophic Scarring of the Skin by Inducing Myofibroblast Activity. <i>Molecular Medicine</i> , 2015, 21, 296-304. | 4.4 | 71 |
| 11 | The diversity of the HLA-E-restricted peptide repertoire explains the immunological impact of the Arg107Gly mismatch. <i>Immunogenetics</i> , 2016, 68, 29-41. | 2.4 | 65 |
| 12 | Systematic analysis of the ABO gene diversity within exons 6 and 7 by PCR screening reveals new ABO alleles. <i>Transfusion</i> , 2003, 43, 428-439. | 1.6 | 55 |
| 13 | Rapid generation of clinical-grade antiviral T cells: selection of suitable T-cell donors and GMP-compliant manufacturing of antiviral T cells. <i>Journal of Translational Medicine</i> , 2014, 12, 336. | 4.4 | 52 |
| 14 | Generation of HLA-deficient platelets from hematopoietic progenitor cells. <i>Transfusion</i> , 2010, 50, 1690-1701. | 1.6 | 51 |
| 15 | HLA-E: Presentation of a Broader Peptide Repertoire Impacts the Cellular Immune Response—Implications on HSCT Outcome. <i>Stem Cells International</i> , 2015, 2015, 1-12. | 2.5 | 50 |
| 16 | HLA-G mediated immune regulation is impaired by a single amino acid exchange in the alpha 2 domain. <i>Human Immunology</i> , 2018, 79, 453-462. | 2.4 | 47 |
| 17 | Immunoengineering of the Vascular Endothelium to Silence MHC Expression During Normothermic Ex Vivo Lung Perfusion. <i>Human Gene Therapy</i> , 2019, 30, 485-496. | 2.7 | 47 |
| 18 | Granulocyte colony-stimulatory factor: a strong inhibitor of natural killer cell function. <i>Transfusion</i> , 2011, 51, 293-305. | 1.6 | 45 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | HLA-Universal Platelet Transfusions Prevent Platelet Refractoriness in a Mouse Model. <i>Human Gene Therapy</i> , 2013, 24, 1018-1028. | 2.7 | 45 |
| 20 | HLA-E: A Novel Player for Histocompatibility. <i>Journal of Immunology Research</i> , 2014, 2014, 1-7. | 2.2 | 45 |
| 21 | Class-, gene-, and group-specific HLA silencing by lentiviral shRNA delivery. <i>Journal of Molecular Medicine</i> , 2006, 84, 425-437. | 3.9 | 44 |
| 22 | Adoptive T-cell immunotherapy from third-party donors: characterization of donors and set up of a T-cell donor registry. <i>Frontiers in Immunology</i> , 2012, 3, 410. | 4.8 | 43 |
| 23 | The impact of human leukocyte antigen (HLA) micropolymorphism on ligand specificity within the HLA-B*41 allotypic family. <i>Haematologica</i> , 2011, 96, 110-118. | 3.5 | 42 |
| 24 | Evaluation of suitable target antigens and immunoassays for high-accuracy immune monitoring of cytomegalovirus and Epstein-Barr virus-specific T cells as targets of interest in immunotherapeutic approaches. <i>Journal of Immunological Methods</i> , 2014, 408, 101-113. | 1.4 | 39 |
| 25 | Prevention of rejection of allogeneic endothelial cells in a biohybrid lung by silencing HLA-class I expression. <i>Biomaterials</i> , 2014, 35, 8123-8133. | 11.4 | 38 |
| 26 | CAR-T Cells Targeting Epstein-Barr Virus gp350 Validated in a Humanized Mouse Model of EBV Infection and Lymphoproliferative Disease. <i>Molecular Therapy - Oncolytics</i> , 2020, 18, 504-524. | 4.4 | 38 |
| 27 | Genetic Engineering of the Kidney to Permanently Silence MHC Transcripts During ex vivo Organ Perfusion. <i>Frontiers in Immunology</i> , 2020, 11, 265. | 4.8 | 38 |
| 28 | Nondeletional ABO*O alleles express weak blood group A phenotypes. <i>Transfusion</i> , 2005, 45, 359-365. | 1.6 | 36 |
| 29 | Permanent silencing of NKG2A expression for cell-based therapeutics. <i>Journal of Molecular Medicine</i> , 2009, 87, 199-210. | 3.9 | 36 |
| 30 | CD28 ^{null} pro-atherogenic CD4 T-cells explain the link between CMV infection and an increased risk of cardiovascular death. <i>Theranostics</i> , 2018, 8, 4509-4519. | 10.0 | 36 |
| 31 | Scoring HLA Class I Mismatches by HistoCheck Does Not Predict Clinical Outcome in Unrelated Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2012, 18, 739-746. | 2.0 | 34 |
| 32 | Missense mutations outside the catalytic domain of the ABO glycosyltransferase can cause weak blood group A and B phenotypes. <i>Transfusion</i> , 2005, 45, 1663-1669. | 1.6 | 33 |
| 33 | The molecular diversity of Sema7A, the semaphorin that carries the JMH blood group antigens. <i>Transfusion</i> , 2007, 47, 133-146. | 1.6 | 33 |
| 34 | Induced Pluripotent Stem Cells Generated from Adult Bone Marrow-Derived Cells of the Nonhuman Primate (<i>Callithrix jacchus</i>) Using a Novel Quad-Cistronic and Excisable Lentiviral Vector. <i>Cellular Reprogramming</i> , 2012, 14, 485-496. | 0.9 | 33 |
| 35 | Monitoring dendritic cell and cytokine biomarkers during remission prior to relapse in patients with FLT3-ITD acute myeloid leukemia. <i>Annals of Hematology</i> , 2013, 92, 1079-1090. | 1.8 | 33 |
| 36 | Molecular and cellular characteristics of human and non-human primate multipotent stromal cells from the amnion and bone marrow during long term culture. <i>Stem Cell Research and Therapy</i> , 2015, 6, 150. | 5.5 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Selective Effects of mTOR Inhibitor Sirolimus on Na ⁺ -ve and CMV-Specific T Cells Extending Its Applicable Range Beyond Immunosuppression. <i>Frontiers in Immunology</i> , 2018, 9, 2953. | 4.8 | 33 |
| 38 | Battle between Host Immune Cellular Responses and HCMV Immune Evasion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3626. | 4.1 | 33 |
| 39 | A weak blood group A phenotype caused by a translation-initiator mutation in the ABO gene. <i>Transfusion</i> , 2006, 46, 434-440. | 1.6 | 32 |
| 40 | Position 156 influences the peptide repertoire and tapasin dependency of human leukocyte antigen B*44 allotypes. <i>Haematologica</i> , 2012, 97, 98-106. | 3.5 | 31 |
| 41 | Influence of temperature fluctuations during cryopreservation on vital parameters, differentiation potential, and transgene expression of placental multipotent stromal cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 66. | 5.5 | 31 |
| 42 | Secreted Semaphorin 5A Activates Immune Effector Cells and Is a Biomarker for Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2014, 66, 1461-1471. | 5.6 | 30 |
| 43 | Humoral and Cellular Immune Responses Against Severe Acute Respiratory Syndrome Coronavirus 2 Variants and Human Coronaviruses After Single BNT162b2 Vaccination. <i>Clinical Infectious Diseases</i> , 2021, 73, 2000-2008. | 5.8 | 30 |
| 44 | Large-scale production of megakaryocytes in microcarrier-supported stirred suspension bioreactors. <i>Scientific Reports</i> , 2018, 8, 10146. | 3.3 | 29 |
| 45 | MHC Universal Cells Survive in an Allogeneic Environment after Incompatible Transplantation. <i>BioMed Research International</i> , 2013, 2013, 1-12. | 1.9 | 28 |
| 46 | Regulating MHC expression for cellular therapeutics. <i>Transfusion</i> , 2007, 47, 18-27. | 1.6 | 27 |
| 47 | Weak blood group B phenotypes may be caused by variations in the CCAAT-binding factor/NF- κ B enhancer region of the <i>ABO</i> gene. <i>Transfusion</i> , 2007, 47, 2330-2335. | 1.6 | 27 |
| 48 | Comparative Analysis of Clinical-Scale IFN- γ -Positive T-Cell Enrichment Using Partially and Fully Integrated Platforms. <i>Frontiers in Immunology</i> , 2016, 7, 393. | 4.8 | 27 |
| 49 | Cord blood-derived T cells allow the generation of a more na ⁺ -ve tumor-reactive cytotoxic T-cell phenotype. <i>Transfusion</i> , 2018, 58, 88-99. | 1.6 | 27 |
| 50 | CAR-T cells and TRUCKs that recognize an EBNA-3C-derived epitope presented on HLA-B*35 control Epstein-Barr virus-associated lymphoproliferation. , 2020, 8, e000736. | | 27 |
| 51 | Mismatches outside exons 2 and 3 do not alter the peptide motif of the allele group B*44:02P. <i>Human Immunology</i> , 2011, 72, 1039-1044. | 2.4 | 26 |
| 52 | Amino acid 95 causes strong alteration of peptide position P1 in HLA-B*41 variants. <i>Immunogenetics</i> , 2007, 59, 253-259. | 2.4 | 25 |
| 53 | NKG2A/CD94 Is a New Immune Receptor for HLA-G and Distinguishes Amino Acid Differences in the HLA-G Heavy Chain. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4362. | 4.1 | 25 |
| 54 | A weak blood group A phenotype caused by a new mutation at the ABO locus. <i>Transfusion</i> , 2002, 42, 294-301. | 1.6 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | The T/NK cell co-stimulatory molecule SECTM1 is an IFN α early response gene that is negatively regulated by LPS in Human monocytic cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2011, 1810, 1294-1301. | 2.4 | 24 |
| 56 | Impaired Functionality of Antiviral T Cells in G-CSF Mobilized Stem Cell Donors: Implications for the Selection of CTL Donor. <i>PLoS ONE</i> , 2013, 8, e77925. | 2.5 | 24 |
| 57 | Towards the Manufacture of Megakaryocytes and Platelets for Clinical Application. <i>Transfusion Medicine and Hemotherapy</i> , 2017, 44, 165-173. | 1.6 | 24 |
| 58 | A single amino-acid polymorphism in pocket β 2A of HLA-A*6602 alters the auxiliary anchors compared with HLA-A*6601 ligands. <i>Immunogenetics</i> , 2004, 56, 83-88. | 2.4 | 23 |
| 59 | A modular concept of HLA for comprehensive peptide binding prediction. <i>Immunogenetics</i> , 2006, 59, 25-35. | 2.4 | 22 |
| 60 | Variants of a <i>Thermus aquaticus</i> DNA Polymerase with Increased Selectivity for Applications in Allele- and Methylation-Specific Amplification. <i>PLoS ONE</i> , 2014, 9, e96640. | 2.5 | 22 |
| 61 | ABO glycosyltransferases as potential source of minor histocompatibility antigens in allogeneic peripheral blood progenitor cell transplantation. <i>Transfusion</i> , 2005, 45, 960-968. | 1.6 | 21 |
| 62 | Integrase-defective lentiviral vectors encoding cytokines induce differentiation of human dendritic cells and stimulate multivalent immune responses in vitro and in vivo. <i>Vaccine</i> , 2012, 30, 5118-5131. | 3.8 | 21 |
| 63 | Cell-type-specific downregulation of heme oxygenase-1 by lipopolysaccharide via Bach1 in primary human mononuclear cells. <i>Free Radical Biology and Medicine</i> , 2015, 78, 224-232. | 2.9 | 21 |
| 64 | Dissecting Epstein-Barr Virus-Specific T-Cell Responses After Allogeneic EBV-Specific T-Cell Transfer for Central Nervous System Posttransplant Lymphoproliferative Disease. <i>Frontiers in Immunology</i> , 2018, 9, 1475. | 4.8 | 21 |
| 65 | Donors for SARS-CoV-2 Convalescent Plasma for a Controlled Clinical Trial: Donor Characteristics, Content and Time Course of SARS-CoV-2 Neutralizing Antibodies. <i>Transfusion Medicine and Hemotherapy</i> , 2021, 48, 137-147. | 1.6 | 21 |
| 66 | Nondeletional <i>ABO</i> alleles frequently cause blood donor typing problems. <i>Transfusion</i> , 2005, 45, 1331-1334. | 1.6 | 20 |
| 67 | PECAM-1-dependent heme oxygenase-1 regulation via an Nrf2-mediated pathway in endothelial cells. <i>Thrombosis and Haemostasis</i> , 2014, 111, 1077-1088. | 3.4 | 20 |
| 68 | IgM-Enriched Human Intravenous Immunoglobulin-Based Treatment of Patients With Early Donor Specific Anti-HLA Antibodies After Lung Transplantation. <i>Transplantation</i> , 2016, 100, 2682-2692. | 1.0 | 20 |
| 69 | GMP-Compliant Manufacturing of TRUCKs: CAR T Cells targeting GD2 and Releasing Inducible IL-18. <i>Frontiers in Immunology</i> , 2022, 13, 839783. | 4.8 | 20 |
| 70 | IL-2 Upregulates CD86 Expression on Human CD4+ and CD8+ T Cells. <i>Journal of Immunology</i> , 2012, 188, 1620-1629. | 0.8 | 19 |
| 71 | Soluble HLA Technology as a Strategy to Evaluate the Impact of HLA Mismatches. <i>Journal of Immunology Research</i> , 2014, 2014, 1-8. | 2.2 | 19 |
| 72 | Carbamazepine-Mediated Adverse Drug Reactions: CBZ-10,11-epoxide but Not Carbamazepine Induces the Alteration of Peptides Presented by HLA-B. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12. | 2.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | HLA class II antibodies induce necrotic cell death in human endothelial cells via a lysosomal membrane permeabilization-mediated pathway. <i>Cell Death and Disease</i> , 2019, 10, 235. | 6.3 | 19 |
| 74 | Allogeneic BK Virus-Specific T-Cell Treatment in 2 Patients With Progressive Multifocal Leukoencephalopathy. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2021, 8, e1020. | 6.0 | 19 |
| 75 | Aberrant intracellular trafficking of a variant B glycosyltransferase. <i>Transfusion</i> , 2008, 48, 1898-1905. | 1.6 | 18 |
| 76 | Easy identification of antibodies to high-prevalence Scianna antigens and detection of admixed alloantibodies using soluble recombinant Scianna protein. <i>Transfusion</i> , 2009, 49, 2090-2096. | 1.6 | 18 |
| 77 | Identity, Potency, <i>In Vivo</i> Viability, and Scaling Up Production of Lentiviral Vector-Induced Dendritic Cells for Melanoma Immunotherapy. <i>Human Gene Therapy Methods</i> , 2012, 23, 38-55. | 2.1 | 18 |
| 78 | Discovery of immunodominant T-cell epitopes reveals penton protein as a second immunodominant target in human adenovirus infection. <i>Journal of Translational Medicine</i> , 2016, 14, 286. | 4.4 | 18 |
| 79 | Repeated Freezing Procedures Preserve Structural and Functional Properties of Amniotic Membrane for Application in Ophthalmology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4029. | 4.1 | 18 |
| 80 | The Noncoding Regions of HLA-DRB Uncover Interlineage Recombinations as a Mechanism of HLA Diversification. <i>Journal of Immunology</i> , 2000, 165, 5664-5670. | 0.8 | 17 |
| 81 | Rapid detection of JMH antibodies with recombinant Sema7A (CD108) protein and the particle gel immunoassay. <i>Transfusion</i> , 2008, 48, 1151-1155. | 1.6 | 16 |
| 82 | Establishment of the reversible peptide-major histocompatibility complex (pMHC) class I Histamer technology: tool for visualization and selection of functionally active antigen-specific CD8+ T lymphocytes. <i>International Immunology</i> , 2012, 24, 561-572. | 4.0 | 16 |
| 83 | Generation of lentivirus-induced dendritic cells under GMP-compliant conditions for adaptive immune reconstitution against cytomegalovirus after stem cell transplantation. <i>Journal of Translational Medicine</i> , 2015, 13, 240. | 4.4 | 16 |
| 84 | Human leucocyte antigens and pediatric autoimmune liver disease: diagnosis and prognosis. <i>European Journal of Pediatrics</i> , 2016, 175, 527-537. | 2.7 | 16 |
| 85 | Robust Identification of Suitable T-Cell Subsets for Personalized CMV-Specific T-Cell Immunotherapy Using CD45RA and CD62L Microbeads. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1415. | 4.1 | 16 |
| 86 | Prokaryotic versus eukaryotic recombinant Lutheran blood group protein for antibody identification. <i>Transfusion</i> , 2007, 47, 1630-1636. | 1.6 | 15 |
| 87 | Growth Characteristics of the Nonhuman Primate Embryonic Stem Cell Line Cjes001 Depending on Feeder Cell Treatment. <i>Cloning and Stem Cells</i> , 2009, 11, 225-233. | 2.6 | 15 |
| 88 | miR-145 Is a Promising Therapeutic Target to Prevent Cornea Scarring. <i>Human Gene Therapy</i> , 2015, 26, 698-707. | 2.7 | 15 |
| 89 | HLA-G peptide preferences change in transformed cells: impact on the binding motif. <i>Immunogenetics</i> , 2018, 70, 485-494. | 2.4 | 15 |
| 90 | Preconditioning Therapy with Lentiviral Vector-Programmed Dendritic Cells Accelerates the Homeostatic Expansion of Antigen-Reactive Human T Cells in NOD.Rag1 ^{-/-} .IL-2r ³ c ^{-/-} mice. <i>Human Gene Therapy</i> , 2011, 22, 1209-1224. | 2.7 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | A Micropolymorphism Altering the Residue Triad 97/114/156 Determines the Relative Levels of Tapasin Independence and Distinct Peptide Profiles for HLA-A*24 Allotypes. <i>Journal of Immunology Research</i> , 2014, 2014, 1-12. | 2.2 | 14 |
| 92 | Low immunogenic endothelial cells endothelialize the Left Ventricular Assist Device. <i>Scientific Reports</i> , 2019, 9, 11318. | 3.3 | 14 |
| 93 | Generating low immunogenic pig pancreatic islet cell clusters for xenotransplantation. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 5070-5081. | 3.6 | 14 |
| 94 | Long-Lasting Immunity Against SARS-CoV-2: Dream or Reality?. <i>Frontiers in Medicine</i> , 2021, 8, 770381. | 2.6 | 14 |
| 95 | Colonization of collagen scaffolds by adipocytes derived from mesenchymal stem cells of the common marmoset monkey. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 317-322. | 2.1 | 13 |
| 96 | Recombinant blood group proteins facilitate the detection of alloantibodies to high prevalence antigens and reveal underlying antibodies: results of an international study. <i>Transfusion</i> , 2014, 54, 1823-1830. | 1.6 | 13 |
| 97 | miR-155 Is Associated with the Leukemogenic Potential of the Class IV Granulocyte Colony-Stimulating Factor Receptor in CD34+ Progenitor Cells. <i>Molecular Medicine</i> , 2014, 20, 736-746. | 4.4 | 13 |
| 98 | Personalized adoptive immunotherapy for patients with EBV-associated tumors and complications: Evaluation of novel naturally processed and presented EBV-derived T-cell epitopes. <i>Oncotarget</i> , 2018, 9, 4737-4757. | 1.8 | 13 |
| 99 | Adoptive transfer of cellular immunity against cytomegalovirus by virus-specific lymphocytes from a third-party family donor. <i>Bone Marrow Transplantation</i> , 2018, 53, 1351-1355. | 2.4 | 13 |
| 100 | HLA-F*01:01 presents peptides with N-terminal flexibility and a preferred length of 16 residues. <i>Immunogenetics</i> , 2019, 71, 353-360. | 2.4 | 13 |
| 101 | Aberrant expression of HLA-B*3565Q is associated with a disrupted disulfide bond. <i>Immunogenetics</i> , 2006, 58, 929-931. | 2.4 | 12 |
| 102 | Expansion of human cytomegalovirus-specific T lymphocytes from unfractionated peripheral blood mononuclear cells with artificial antigen-presenting cells. <i>Transfusion</i> , 2007, 47, 2143-2152. | 1.6 | 12 |
| 103 | Heat shock protein 70/peptide complexes: potent mediators for the generation of antiviral T cells particularly with regard to low precursor frequencies. <i>Journal of Translational Medicine</i> , 2011, 9, 175. | 4.4 | 12 |
| 104 | Position 45 influences the peptide binding motif of HLA-B*44:08. <i>Immunogenetics</i> , 2012, 64, 245-249. | 2.4 | 12 |
| 105 | The Mechanistic Differences in HLA-Associated Carbamazepine Hypersensitivity. <i>Pharmaceutics</i> , 2019, 11, 536. | 4.5 | 12 |
| 106 | Immunogenetics of xenotransplantation. <i>International Journal of Immunogenetics</i> , 2021, 48, 120-134. | 1.8 | 12 |
| 107 | High-throughput minor histocompatibility antigen prediction. <i>Bioinformatics</i> , 2009, 25, 2411-2417. | 4.1 | 11 |
| 108 | The nature of peptides presented by an HLA class I low expression allele. <i>Haematologica</i> , 2010, 95, 1373-1380. | 3.5 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Overexpression of the pp32r1 (ANP32C) oncogene or its functional mutant pp32r1Y140H confers enhanced resistance to FTY720 (Fingolimod). <i>Cancer Biology and Therapy</i> , 2014, 15, 289-296. | 3.4 | 11 |
| 110 | Discrimination of HLA null and low expression alleles by cytokine-induced secretion of recombinant soluble HLA. <i>Molecular Immunology</i> , 2009, 46, 1451-1457. | 2.2 | 10 |
| 111 | Residue 81 confers a restricted C-terminal peptide binding motif in HLA-B*44:09. <i>Immunogenetics</i> , 2012, 64, 663-668. | 2.4 | 10 |
| 112 | Distribution of major lymphocyte subsets and memory T-cell subpopulations in healthy adults employing GLP-conforming multicolor flow cytometry. <i>Leukemia</i> , 2021, 35, 3021-3025. | 7.2 | 10 |
| 113 | The nature of introns 4-7 largely reflects the lineage specificity of HLA-A alleles. <i>Immunogenetics</i> , 2002, 54, 447-462. | 2.4 | 9 |
| 114 | Rapid detection of anti- Lu^{b} with recombinant Lu^{b} protein and the particle gel immunoassay. <i>Transfusion</i> , 2008, 48, 731-734. | 1.6 | 9 |
| 115 | Recombinant blood group proteins for use in antibody screening and identification tests. <i>Current Opinion in Hematology</i> , 2009, 16, 473-479. | 2.5 | 9 |
| 116 | Soluble Recombinant CMVpp65 Spanning Multiple HLA Alleles for Reconstitution of Antiviral CD4+ and CD8+ T-Cell Responses After Allogeneic Stem Cell Transplantation. <i>Journal of Immunotherapy</i> , 2010, 33, 60-72. | 2.4 | 9 |
| 117 | Dysregulation of cell cycle control caused by overexpression of the oncogene pp32r1 (ANP32C) and the Tyr\rightarrowHis mutant pp32r1Y140H. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1212-1221. | 4.1 | 9 |
| 118 | Embryonic stem cells of the non-human primate <i>Callithrix jacchus</i> can be differentiated into definitive endoderm by Activin-A but not IDE-1/2. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 473-479. | 2.7 | 9 |
| 119 | Low Immunogenic Endothelial Cells Maintain Morphological and Functional Properties Required for Vascular Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2018, 24, 432-447. | 3.1 | 9 |
| 120 | Silencing of HLA class I on primary human hepatocytes as a novel strategy for reduction in alloreactivity. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5705-5714. | 3.6 | 9 |
| 121 | Peptide-binding motif of HLA-A*6603. <i>Immunogenetics</i> , 2005, 56, 769-772. | 2.4 | 8 |
| 122 | Semaphorin 7A protein variants differentially regulate T cell activity. <i>Transfusion</i> , 2013, 53, 270-283. | 1.6 | 8 |
| 123 | Development of a single-antigen magnetic bead assay (SAMBA) for the sensitive detection of HPA-1a alloantibodies using tag-engineered recombinant soluble $\text{I}^{\text{E}}3$ integrin. <i>Journal of Immunological Methods</i> , 2013, 391, 72-80. | 1.4 | 8 |
| 124 | Understanding the obstacle of incompatibility at residue 156 within HLA-B*35 subtypes. <i>Immunogenetics</i> , 2016, 68, 247-260. | 2.4 | 8 |
| 125 | The c.503T>C Polymorphism in the Human KLRB1 Gene Alters Ligand Binding and Inhibitory Potential of CD161 Molecules. <i>PLoS ONE</i> , 2015, 10, e0135682. | 2.5 | 8 |
| 126 | Heme Oxygenase-1 Inhibits HLA Class I Antibody-Dependent Endothelial Cell Activation. <i>PLoS ONE</i> , 2015, 10, e0145306. | 2.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Rapid Manufacturing of Highly Cytotoxic Clinical-Grade SARS-CoV-2-specific T Cell Products Covering SARS-CoV-2 and Its Variants for Adoptive T Cell Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 867042. | 4.1 | 8 |
| 128 | Secreted β 2-Integrin Enhances Natural Killer Cell Activity against Acute Myeloid Leukemia Cells. <i>PLoS ONE</i> , 2014, 9, e98936. | 2.5 | 7 |
| 129 | Generation of HLA Universal Megakaryocytes and Platelets by Genetic Engineering. <i>Frontiers in Immunology</i> , 2021, 12, 768458. | 4.8 | 7 |
| 130 | Heart transplantation across preformed donor-specific antibody barriers using a perioperative desensitization protocol. <i>American Journal of Transplantation</i> , 2022, 22, 2064-2076. | 4.7 | 7 |
| 131 | Between Innate and Adaptive Immune Responses: NKG2A, NKG2C, and CD8+ T Cell Recognition of HLA-E Restricted Self-Peptides Acquired in the Absence of HLA-Ia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1454. | 4.1 | 6 |
| 132 | Antiviral T-Cell Frequencies in a Healthy Population: Reference Values for Evaluating Antiviral Immune Cell Profiles in Immunocompromised Patients. <i>Journal of Clinical Immunology</i> , 2022, 42, 546-558. | 3.8 | 6 |
| 133 | Differentiation of induced pluripotent stem cell-derived neutrophil granulocytes from common marmoset monkey (<i>Callithrix jacchus</i>). <i>Transfusion</i> , 2017, 57, 60-69. | 1.6 | 5 |
| 134 | Characterization of induced pluripotent stem cell-derived megakaryocyte lysates for potential regenerative applications. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4545-4549. | 3.6 | 5 |
| 135 | Dynamic Interaction between Immune Escape Mechanism and HLA-Ib Regulation. , 2019, , . | | 5 |
| 136 | HLA-F Allele-Specific Peptide Restriction Represents an Exceptional Proteomic Footprint. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5572. | 4.1 | 5 |
| 137 | Transfer of Hexon- and Penton-selected adenovirus-specific T cells for refractory adenovirus infection after haploidentical stem cell transplantation. <i>Transplant Infectious Disease</i> , 2020, 22, e13201. | 1.7 | 5 |
| 138 | High-intensity interval training in allogeneic adoptive T-cell immunotherapy – a big HIT?. <i>Journal of Translational Medicine</i> , 2020, 18, 148. | 4.4 | 5 |
| 139 | Six-year experience with treatment of early donor-specific anti-HLA antibodies in pediatric lung transplantation using a human immunoglobulin-based protocol. <i>Pediatric Pulmonology</i> , 2020, 55, 754-764. | 2.0 | 5 |
| 140 | Induced dendritic cells co-expressing GM-CSF/IFN- γ /tWT1 priming T and B cells and automated manufacturing to boost GvL. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 621-641. | 4.1 | 5 |
| 141 | Case Report: Convalescent Plasma Therapy Induced Anti-SARS-CoV-2 T Cell Expansion, NK Cell Maturation and Virus Clearance in a B Cell Deficient Patient After CD19 CAR T Cell Therapy. <i>Frontiers in Immunology</i> , 2021, 12, 721738. | 4.8 | 5 |
| 142 | Animal Models in Allogeneic Solid Organ Transplantation. <i>Transplantation</i> , 2021, 2, 412-424. | 0.6 | 5 |
| 143 | Prolonged storage of purified granulocyte concentrates: Introduction of a new purification method. <i>Transfusion</i> , 2022, 62, 194-204. | 1.6 | 5 |
| 144 | Semaphorin 3A alters endothelial cell immunogenicity by regulating Cxcl12 transactivator activity circuits. <i>Transfusion</i> , 2014, 54, 1961-1970. | 1.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Autocrine GM-CSF transcription in the leukemic progenitor cell line KG1a is mediated by the transcription factor ETS1 and is negatively regulated through SECTM1 mediated ligation of CD7. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1004-1013. | 2.4 | 4 |
| 146 | Repeated human leukocyte antigen mismatches in lung re-transplantation. <i>Transplant Immunology</i> , 2017, 40, 1-7. | 1.2 | 4 |
| 147 | Physiology and Pathology of Drug Hypersensitivity: Role of Human Leukocyte Antigens. , 0, , . | | 4 |
| 148 | Inhibition of Heme Oxygenase-1 Activity Enhances Wilms Tumor-1-Specific T-Cell Responses in Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 482. | 4.1 | 4 |
| 149 | The Loss of HLA-F/KIR3DS1 Ligation Is Mediated by Hemoglobin Peptides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8012. | 4.1 | 4 |
| 150 | Variation in the Human Leukocyte Antigen system and risk for endemic Burkitt lymphoma in northern Uganda. <i>British Journal of Haematology</i> , 2020, 189, 489-499. | 2.5 | 4 |
| 151 | Implementing the Modular MHC Model for Predicting Peptide Binding. <i>Methods in Molecular Biology</i> , 2007, 409, 261-271. | 0.9 | 4 |
| 152 | Correction of Wiskott-Aldrich Syndrome by Hematopoietic Stem Cell Gene Therapy. <i>Blood</i> , 2010, 116, 5-5. | 1.4 | 4 |
| 153 | Genetic modification of limbs using ex vivo machine perfusion. <i>Human Gene Therapy</i> , 2021, , . | 2.7 | 4 |
| 154 | The Replacement Mutation in HLA-DRB1*1211 Affects a Likely Keystone Position. <i>Human Immunology</i> , 2005, 66, 1254-1257. | 2.4 | 3 |
| 155 | Silencing the expression of platelet endothelial cell adhesion moleculeâ€1 prevents allogeneic Tâ€cell cytotoxicity. <i>Transfusion</i> , 2010, 50, 1988-2000. | 1.6 | 3 |
| 156 | Oncogenic acidic nuclear phosphoproteins ANP32C/D are novel clients of heat shock protein 90. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2338-2348. | 4.1 | 3 |
| 157 | Red cell allo- and autoimmunisation in transfused sickle cell and cancer patients in Kenyatta National Hospital, Nairobi, Kenya. <i>African Journal of Laboratory Medicine</i> , 2015, 4, 297. | 0.6 | 3 |
| 158 | Genetic Modification of Limbal Stem Cells to Decrease Allogeneic Immune Responses. <i>Frontiers in Immunology</i> , 2021, 12, 747357. | 4.8 | 3 |
| 159 | The polymorphism at residue 156 determines the HLA-B*35 restricted peptide repertoire during HCMV infection. <i>Immunogenetics</i> , 2018, 70, 639-646. | 2.4 | 2 |
| 160 | Peptide Presentation Is the Key to Immunotherapeutical Success. , 2018, , . | | 2 |
| 161 | Releasing the concept of HLAâ€allele specific peptide anchors in viral infections: A nonâ€canonical naturally presented human cytomegalovirusâ€derived HLAâ€A*24:02 restricted peptide drives exquisite immunogenicity. <i>Hla</i> , 2019, 94, 25-38. | 0.6 | 2 |
| 162 | Towards Reduction or Substitution of Cytotoxic DMSO in Biobanking of Functional Bioengineered Megakaryocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7654. | 4.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Variances in Antiviral Memory T-Cell Repertoire of CD45RA- and CD62L-Depleted Lymphocyte Products Reflect the Need of Individual T-Cell Selection Strategies to Reduce the Risk of GvHD while Preserving Antiviral Immunity in Adoptive T-Cell Therapy. <i>Transfusion Medicine and Hemotherapy</i> , 2022, 49, 30-43. | 1.6 | 2 |
| 164 | Unravelling the Proteomics of HLA-B*57:01+ Antigen Presenting Cells during Abacavir Medication. <i>Journal of Personalized Medicine</i> , 2022, 12, 40. | 2.5 | 2 |
| 165 | Relevance of HLA Expression Variants in Stem Cell Transplantation. , 0, , . | | 1 |
| 166 | Motherâ€™child histocompatibility and risk of rheumatoid arthritis and systemic lupus erythematosus among mothers. <i>Genes and Immunity</i> , 2020, 21, 27-36. | 4.1 | 1 |
| 167 | Isolation, Cryopreservation, and Characterization of iPSC-Derived Megakaryocytes. <i>Methods in Molecular Biology</i> , 2021, 2180, 539-554. | 0.9 | 1 |
| 168 | Small Molecule/HLA Complexes Alter the Cellular Proteomic Content. , 0, , . | | 1 |
| 169 | Enhancement of Antiviral T-Cell Responses by Vitamin C Suggests New Strategies to Improve Manufacturing of Virus-Specific T Cells for Adoptive Immunotherapy. <i>Biology</i> , 2022, 11, 536. | 2.8 | 1 |
| 170 | Proteomic Profiling and T Cell Receptor Usage of Abacavir Susceptible Subjects. <i>Biomedicines</i> , 2022, 10, 693. | 3.2 | 1 |
| 171 | HLA Class I Polymorphism and Tapasin Dependency. , 2014, , . | | 0 |
| 172 | RNA Interference as a Tool to Reduce the Risk of Rejection in Cell-Based Therapies. , 2016, , . | | 0 |
| 173 | Efficient Transduction of Common Marmoset (<i>Callithrix jacchus</i>) Hematopoietic and Embryonic Stem Cells Using Foamyvirus Vectors.. <i>Blood</i> , 2005, 106, 5530-5530. | 1.4 | 0 |
| 174 | Major Histocompatibility Complex (MHC), PeptideCheck. , 2013, , 1169-1172. | | 0 |
| 175 | HLA Class I Histocompatibility Antigen, Alpha Chain E. , 2018, , 2393-2401. | | 0 |