

Yenan T Bryceson

List of Publications by Year in descending order

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Version: 2024-02-01

172
papers

13,708
citations

22099

59
h-index

23472

111
g-index

177
all docs

177
docs citations

177
times ranked

17256
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Regulation of human NK-cell cytokine and chemokine production by target cell recognition. <i>Blood</i> , 2010, 115, 2167-2176. | 0.6 | 711 |
| 2 | Synergy among receptors on resting NK cells for the activation of natural cytotoxicity and cytokine secretion. <i>Blood</i> , 2006, 107, 159-166. | 0.6 | 697 |
| 3 | The Immunology of Multisystem Inflammatory Syndrome in Children with COVID-19. <i>Cell</i> , 2020, 183, 968-981.e7. | 13.5 | 682 |
| 4 | Cytomegalovirus Infection Drives Adaptive Epigenetic Diversification of NK Cells with Altered Signaling and Effector Function. <i>Immunity</i> , 2015, 42, 443-456. | 6.6 | 650 |
| 5 | Activation, coactivation, and costimulation of resting human natural killer cells. <i>Immunological Reviews</i> , 2006, 214, 73-91. | 2.8 | 531 |
| 6 | CD49a Expression Defines Tissue-Resident CD8 + T Cells Poised for Cytotoxic Function in Human Skin. <i>Immunity</i> , 2017, 46, 287-300. | 6.6 | 465 |
| 7 | Cytolytic granule polarization and degranulation controlled by different receptors in resting NK cells. <i>Journal of Experimental Medicine</i> , 2005, 202, 1001-1012. | 4.2 | 409 |
| 8 | Activation of NK Cells by an Endocytosed Receptor for Soluble HLA-G. <i>PLoS Biology</i> , 2005, 4, e9. | 2.6 | 280 |
| 9 | Defective cytotoxic lymphocyte degranulation in syntaxin-11-deficient familial hemophagocytic lymphohistiocytosis 4 (FHL4) patients. <i>Blood</i> , 2007, 110, 1906-1915. | 0.6 | 272 |
| 10 | X-linked recessive TLR7 deficiency in ~1% of men under 60 years old with life-threatening COVID-19. <i>Science Immunology</i> , 2021, 6, . | 5.6 | 267 |
| 11 | A prospective evaluation of degranulation assays in the rapid diagnosis of familial hemophagocytic syndromes. <i>Blood</i> , 2012, 119, 2754-2763. | 0.6 | 263 |
| 12 | Natural killer cell-mediated immunosurveillance of human cancer. <i>Seminars in Immunology</i> , 2017, 31, 20-29. | 2.7 | 240 |
| 13 | Autoimmunity, hypogammaglobulinemia, lymphoproliferation, and mycobacterial disease in patients with activating mutations in STAT3. <i>Blood</i> , 2015, 125, 639-648. | 0.6 | 229 |
| 14 | Minimal requirement for induction of natural cytotoxicity and intersection of activation signals by inhibitory receptors. <i>Blood</i> , 2009, 114, 2657-2666. | 0.6 | 228 |
| 15 | Primary Human Tumor Cells Expressing CD155 Impair Tumor Targeting by Down-Regulating DNAM-1 on NK Cells. <i>Journal of Immunology</i> , 2009, 183, 4921-4930. | 0.4 | 227 |
| 16 | Human genetic and immunological determinants of critical COVID-19 pneumonia. <i>Nature</i> , 2022, 603, 587-598. | 13.7 | 216 |
| 17 | Increased proportion of mature NK cells is associated with successful imatinib discontinuation in chronic myeloid leukemia. <i>Leukemia</i> , 2017, 31, 1108-1116. | 3.3 | 201 |
| 18 | DNAX Accessory Molecule-1 Mediated Recognition of Freshly Isolated Ovarian Carcinoma by Resting Natural Killer Cells. <i>Cancer Research</i> , 2007, 67, 1317-1325. | 0.4 | 198 |

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|----|--|-----|-----------|
| 19 | Molecular Mechanisms of Natural Killer Cell Activation. <i>Journal of Innate Immunity</i> , 2011, 3, 216-226. | 1.8 | 194 |
| 20 | The evolution of cellular deficiency in GATA2 mutation. <i>Blood</i> , 2014, 123, 863-874. | 0.6 | 189 |
| 21 | CD56dimCD57+NKG2C+ NK cell expansion is associated with reduced leukemia relapse after reduced intensity HCT. <i>Leukemia</i> , 2016, 30, 456-463. | 3.3 | 188 |
| 22 | Line of attack: NK cell specificity and integration of signals. <i>Current Opinion in Immunology</i> , 2008, 20, 344-352. | 2.4 | 183 |
| 23 | ORAI1-mediated calcium influx is required for human cytotoxic lymphocyte degranulation and target cell lysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3324-3329. | 3.3 | 181 |
| 24 | The syndrome of hemophagocytic lymphohistiocytosis in primary immunodeficiencies: implications for differential diagnosis and pathogenesis. <i>Haematologica</i> , 2015, 100, 978-988. | 1.7 | 161 |
| 25 | Integrin-Dependent Organization and Bidirectional Vesicular Traffic at Cytotoxic Immune Synapses. <i>Immunity</i> , 2009, 31, 99-109. | 6.6 | 157 |
| 26 | Gain-of-function SAMD9L mutations cause a syndrome of cytopenia, immunodeficiency, MDS, and neurological symptoms. <i>Blood</i> , 2017, 129, 2266-2279. | 0.6 | 152 |
| 27 | A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. <i>Journal of Experimental Medicine</i> , 2019, 216, 2778-2799. | 4.2 | 132 |
| 28 | Functional Analysis of Human NK Cells by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2010, 612, 335-352. | 0.4 | 122 |
| 29 | Comparison of primary human cytotoxic T-cell and natural killer cell responses reveal similar molecular requirements for lytic granule exocytosis but differences in cytokine production. <i>Blood</i> , 2013, 121, 1345-1356. | 0.6 | 122 |
| 30 | Familial hemophagocytic lymphohistiocytosis type 3 (FHL3) caused by deep intronic mutation and inversion in UNC13D. <i>Blood</i> , 2011, 118, 5783-5793. | 0.6 | 115 |
| 31 | Identification of lectin-like receptors expressed by antigen presenting cells and neutrophils and their mapping to a novel gene complex. <i>Immunogenetics</i> , 2004, 56, 506-517. | 1.2 | 114 |
| 32 | GSK3 Inhibition Drives Maturation of NK Cells and Enhances Their Antitumor Activity. <i>Cancer Research</i> , 2017, 77, 5664-5675. | 0.4 | 114 |
| 33 | Surface CD107a/LAMP-1 protects natural killer cells from degranulation-associated damage. <i>Blood</i> , 2013, 122, 1411-1418. | 0.6 | 111 |
| 34 | Synergistic Signals for Natural Cytotoxicity Are Required to Overcome Inhibition by c-Cbl Ubiquitin Ligase. <i>Immunity</i> , 2010, 32, 175-186. | 6.6 | 109 |
| 35 | Spectrum of clinical presentations in familial hemophagocytic lymphohistiocytosis type 5 patients with mutations in STXBP2. <i>Blood</i> , 2010, 116, 2635-2643. | 0.6 | 108 |
| 36 | A novel intellectual disability syndrome caused by GPI anchor deficiency due to homozygous mutations in <i>PIGT</i> . <i>Journal of Medical Genetics</i> , 2013, 50, 521-528. | 1.5 | 108 |

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|----|--|-----|-----------|
| 37 | Natural killer cells in inflammation and autoimmunity. <i>Cytokine and Growth Factor Reviews</i> , 2018, 42, 37-46. | 3.2 | 107 |
| 38 | SARS-CoV-2â€related MIS-C: A key to the viral and genetic causes of Kawasaki disease?. <i>Journal of Experimental Medicine</i> , 2021, 218, . | 4.2 | 100 |
| 39 | ARID5B regulates metabolic programming in human adaptive NK cells. <i>Journal of Experimental Medicine</i> , 2018, 215, 2379-2395. | 4.2 | 98 |
| 40 | Natural killer cells in human autoimmunity. <i>Current Opinion in Immunology</i> , 2009, 21, 634-640. | 2.4 | 94 |
| 41 | Different NK cellâ€activating receptors preferentially recruit Rab27a or Munc13-4 to perforin-containing granules for cytotoxicity. <i>Blood</i> , 2009, 114, 4117-4127. | 0.6 | 90 |
| 42 | Adaptive NK cells can persist in patients with GATA2 mutation depleted of stem and progenitor cells. <i>Blood</i> , 2017, 129, 1927-1939. | 0.6 | 89 |
| 43 | Sphingosine 1-phosphate is a novel inhibitor of T-cell proliferation. <i>Blood</i> , 2003, 101, 4909-4915. | 0.6 | 85 |
| 44 | Reduced DNAM-1 expression on bone marrow NK cells associated with impaired killing of CD34+ blasts in myelodysplastic syndrome. <i>Leukemia</i> , 2010, 24, 1607-1616. | 3.3 | 85 |
| 45 | Constitutional <i>SAMD9L</i> mutations cause familial myelodysplastic syndrome and transient monosomy 7. <i>Haematologica</i> , 2018, 103, 427-437. | 1.7 | 83 |
| 46 | Clinical presentation of Griscelli syndrome type 2 and spectrum of <i>RAB27A</i> mutations. <i>Pediatric Blood and Cancer</i> , 2010, 54, 563-572. | 0.8 | 82 |
| 47 | Coordinated Expression of DNAM-1 and LFA-1 in Educated NK Cells. <i>Journal of Immunology</i> , 2015, 194, 4518-4527. | 0.4 | 81 |
| 48 | IFN- γ Production by Plasmacytoid Dendritic Cells Stimulated with RNA-Containing Immune Complexes Is Promoted by NK Cells via MIP-1 β and LFA-1. <i>Journal of Immunology</i> , 2011, 186, 5085-5094. | 0.4 | 80 |
| 49 | Epstein-Barr Virus Coinfection in Children Boosts Cytomegalovirus-Induced Differentiation of Natural Killer Cells. <i>Journal of Virology</i> , 2013, 87, 13446-13455. | 1.5 | 80 |
| 50 | Updates on histiocytic disorders. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1329-1335. | 0.8 | 80 |
| 51 | Adaptive NK cells in people exposed to <i>Plasmodium falciparum</i> correlate with protection from malaria. <i>Journal of Experimental Medicine</i> , 2019, 216, 1280-1290. | 4.2 | 80 |
| 52 | Harnessing features of adaptive NK cells to generate iPSC-derived NK cells for enhanced immunotherapy. <i>Cell Stem Cell</i> , 2021, 28, 2062-2075.e5. | 5.2 | 80 |
| 53 | Subtle differences in CTL cytotoxicity determine susceptibility to hemophagocytic lymphohistiocytosis in mice and humans with Chediak-Higashi syndrome. <i>Blood</i> , 2011, 118, 4620-4629. | 0.6 | 78 |
| 54 | NK cell-mediated targeting of human cancer and possibilities for new means of immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1541-1552. | 2.0 | 74 |

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|----|---|------|-----------|
| 55 | VAMP8-dependent fusion of recycling endosomes with the plasma membrane facilitates T lymphocyte cytotoxicity. <i>Journal of Cell Biology</i> , 2015, 210, 135-151. | 2.3 | 74 |
| 56 | The <i>STAT4</i> SLE risk allele rs7574865[T] is associated with increased IL-12-induced IFN- γ production in T cells from patients with SLE. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1070-1077. | 0.5 | 74 |
| 57 | Studying severe long COVID to understand post-infectious disorders beyond COVID-19. <i>Nature Medicine</i> , 2022, 28, 879-882. | 15.2 | 72 |
| 58 | Epigenetic regulation of NK cell differentiation and effector functions. <i>Frontiers in Immunology</i> , 2013, 4, 55. | 2.2 | 71 |
| 59 | Hemophagocytic lymphohistiocytosis in 2 patients with underlying IFN- γ receptor deficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1638-1641.e5. | 1.5 | 69 |
| 60 | High mTOR activity is a hallmark of reactive natural killer cells and amplifies early signaling through activating receptors. <i>ELife</i> , 2017, 6, . | 2.8 | 65 |
| 61 | Sphingosine 1 phosphate induces the chemotaxis of human natural killer cells. Role for heterotrimeric G proteins and phosphoinositide 3 kinases. <i>European Journal of Immunology</i> , 2002, 32, 1856. | 1.6 | 64 |
| 62 | Incidence and clinical presentation of primary hemophagocytic lymphohistiocytosis in Sweden. <i>Pediatric Blood and Cancer</i> , 2015, 62, 346-352. | 0.8 | 63 |
| 63 | Epigenetic Regulation of Adaptive NK Cell Diversification. <i>Trends in Immunology</i> , 2016, 37, 451-461. | 2.9 | 60 |
| 64 | Recessive inborn errors of type I IFN immunity in children with COVID-19 pneumonia. <i>Journal of Experimental Medicine</i> , 2022, 219, . | 4.2 | 59 |
| 65 | Diversification and Functional Specialization of Human NK Cell Subsets. <i>Current Topics in Microbiology and Immunology</i> , 2015, 395, 63-93. | 0.7 | 56 |
| 66 | Adaptive Natural Killer Cell and Killer Cell Immunoglobulin-Like Receptor-Expressing T Cell Responses are Induced by Cytomegalovirus and Are Associated with Protection against Cytomegalovirus Reactivation after Allogeneic Donor Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1653-1662. | 2.0 | 50 |
| 67 | Spectrum, and clinical and functional implications of UNC13D mutations in familial haemophagocytic lymphohistiocytosis. <i>Journal of Medical Genetics</i> , 2007, 45, 134-141. | 1.5 | 49 |
| 68 | Human DEF6 deficiency underlies an immunodeficiency syndrome with systemic autoimmunity and aberrant CTLA-4 homeostasis. <i>Nature Communications</i> , 2019, 10, 3106. | 5.8 | 48 |
| 69 | Severe COVID-19 in an APS1 patient with interferon autoantibodies treated with plasmapheresis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 96-98. | 1.5 | 47 |
| 70 | Insights into NK cell biology from human genetics and disease associations. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3479-3493. | 2.4 | 46 |
| 71 | NK cell development and function – Plasticity and redundancy unleashed. <i>Seminars in Immunology</i> , 2014, 26, 114-126. | 2.7 | 46 |
| 72 | Hobit identifies tissue-resident memory T cell precursors that are regulated by Eomes. <i>Science Immunology</i> , 2021, 6, . | 5.6 | 46 |

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|----|---|-----|-----------|
| 73 | Chediak-Higashi syndrome: Lysosomal trafficking regulator domains regulate exocytosis of lytic granules but not cytokine secretion by natural killer cells. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1165-1177. | 1.5 | 45 |
| 74 | Expression of a killer cell receptor-like gene in plastic regions of the central nervous system. <i>Journal of Neuroimmunology</i> , 2005, 161, 177-182. | 1.1 | 44 |
| 75 | Mutations in the phosphatidylinositol glycan C (<i>PIGC</i>) gene are associated with epilepsy and intellectual disability. <i>Journal of Medical Genetics</i> , 2017, 54, 196-201. | 1.5 | 44 |
| 76 | Acquired somatic mutations in PNH reveal long-term maintenance of adaptive NK cells independent of HSPCs. <i>Blood</i> , 2017, 129, 1940-1946. | 0.6 | 42 |
| 77 | NK cell receptor NKG2D sets activation threshold for the NCR1 receptor early in NK cell development. <i>Nature Immunology</i> , 2018, 19, 1083-1092. | 7.0 | 42 |
| 78 | The transcription factor Bcl11b promotes both canonical and adaptive NK cell differentiation. <i>Science Immunology</i> , 2021, 6, . | 5.6 | 42 |
| 79 | A case of XMEN syndrome presented with severe auto-immune disorders mimicking autoimmune lymphoproliferative disease. <i>Clinical Immunology</i> , 2015, 159, 58-62. | 1.4 | 41 |
| 80 | Clonal expansion and compartmentalized maintenance of rhesus macaque NK cell subsets. <i>Science Immunology</i> , 2018, 3, . | 5.6 | 41 |
| 81 | Progressive Impairment of NK Cell Cytotoxic Degranulation Is Associated With TGF- β 1 Deregulation and Disease Progression in Pancreatic Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1354. | 2.2 | 40 |
| 82 | Novel deep intronic and missense <i>UNC13D</i> mutations in familial haemophagocytic lymphohistiocytosis type 3. <i>British Journal of Haematology</i> , 2013, 162, 415-418. | 1.2 | 39 |
| 83 | Pathophysiology and spectrum of diseases caused by defects in lymphocyte cytotoxicity. <i>Experimental Cell Research</i> , 2014, 325, 10-17. | 1.2 | 38 |
| 84 | Spectrum of Atypical Clinical Presentations in Patients with Biallelic <i>PRF1</i> Missense Mutations. <i>Pediatric Blood and Cancer</i> , 2015, 62, 2094-2100. | 0.8 | 38 |
| 85 | Tumor cell recognition by the NK cell activating receptor NKG2D. <i>European Journal of Immunology</i> , 2008, 38, 2957-2961. | 1.6 | 37 |
| 86 | Cytotoxic therapy for severe swine flu A/H1N1. <i>Lancet, The</i> , 2010, 376, 2116. | 6.3 | 37 |
| 87 | Targeted high-throughput sequencing for genetic diagnostics of hemophagocytic lymphohistiocytosis. <i>Genome Medicine</i> , 2015, 7, 130. | 3.6 | 37 |
| 88 | Comprehensive Genetic Results for Primary Immunodeficiency Disorders in a Highly Consanguineous Population. <i>Frontiers in Immunology</i> , 2018, 9, 3146. | 2.2 | 37 |
| 89 | Development of classical Hodgkin's lymphoma in an adult with biallelic <i>STXP2</i> mutations. <i>Haematologica</i> , 2013, 98, 760-764. | 1.7 | 35 |
| 90 | Transcriptional regulation of <i>Munc13-4</i> expression in cytotoxic lymphocytes is disrupted by an intronic mutation associated with a primary immunodeficiency. <i>Journal of Experimental Medicine</i> , 2014, 211, 1079-1091. | 4.2 | 35 |

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|-----|---|-----|-----------|
| 91 | Immunomodulatory activity of commonly used drugs on Fc-receptor-mediated human natural killer cell activation. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 627-641. | 2.0 | 33 |
| 92 | Neuroinflammatory Disease as an Isolated Manifestation of Hemophagocytic Lymphohistiocytosis. <i>Journal of Clinical Immunology</i> , 2020, 40, 901-916. | 2.0 | 33 |
| 93 | Cancer risk in relatives of patients with a primary disorder of lymphocyte cytotoxicity: a retrospective cohort study. <i>Lancet Haematology</i> , 2015, 2, e536-e542. | 2.2 | 32 |
| 94 | Eomes broadens the scope of CD8 T-cell memory by inhibiting apoptosis in cells of low affinity. <i>PLoS Biology</i> , 2020, 18, e3000648. | 2.6 | 31 |
| 95 | Systemic Lupus Erythematosus Immune Complexes Increase the Expression of SLAM Family Members CD319 (CRACC) and CD229 (LY-9) on Plasmacytoid Dendritic Cells and CD319 on CD56dim NK Cells. <i>Journal of Immunology</i> , 2013, 191, 2989-2998. | 0.4 | 30 |
| 96 | Successful Hematopoietic Stem Cell Transplantation in a Patient with LPS-Responsive Beige-Like Anchor (LRBA) Gene Mutation. <i>Journal of Clinical Immunology</i> , 2016, 36, 480-489. | 2.0 | 30 |
| 97 | Natural killer cell memory in context. <i>Seminars in Immunology</i> , 2016, 28, 368-376. | 2.7 | 30 |
| 98 | Loss-of-function mutation in <i>IKZF2</i> leads to immunodeficiency with dysregulated germinal center reactions and reduction of MAIT cells. <i>Science Immunology</i> , 2021, 6, eabe3454. | 5.6 | 30 |
| 99 | The Past, Present, and Future of NK Cells in Hematopoietic Cell Transplantation and Adoptive Transfer. <i>Current Topics in Microbiology and Immunology</i> , 2015, 395, 225-243. | 0.7 | 28 |
| 100 | RhoG deficiency abrogates cytotoxicity of human lymphocytes and causes hemophagocytic lymphohistiocytosis. <i>Blood</i> , 2021, 137, 2033-2045. | 0.6 | 27 |
| 101 | Natural killer cell biology illuminated by primary immunodeficiency syndromes in humans. <i>Clinical Immunology</i> , 2017, 177, 29-42. | 1.4 | 26 |
| 102 | Differences in Granule Morphology yet Equally Impaired Exocytosis among Cytotoxic T Cells and NK Cells from Chediak-Higashi Syndrome Patients. <i>Frontiers in Immunology</i> , 2017, 8, 426. | 2.2 | 26 |
| 103 | Efficacy of Moderately Dosed Etoposide in Macrophage Activation Syndrome-Hemophagocytic Lymphohistiocytosis. <i>Journal of Rheumatology</i> , 2021, 48, 1596-1602. | 1.0 | 26 |
| 104 | Novel PIGT Variant in Two Brothers: Expansion of the Multiple Congenital Anomalies-Hypotonia Seizures Syndrome 3 Phenotype. <i>Genes</i> , 2016, 7, 108. | 1.0 | 25 |
| 105 | Unperturbed Cytotoxic Lymphocyte Phenotype and Function in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome Patients. <i>Frontiers in Immunology</i> , 2017, 8, 723. | 2.2 | 24 |
| 106 | Analysis of the KIR Repertoire in Human NK Cells by Flow Cytometry. <i>Methods in Molecular Biology</i> , 2010, 612, 353-364. | 0.4 | 24 |
| 107 | Hemophagocytic syndrome in a 4-month-old infant with biotinidase deficiency. <i>Pediatric Blood and Cancer</i> , 2012, 59, 191-193. | 0.8 | 23 |
| 108 | A RAB27A 5' untranslated region structural variant associated with late-onset hemophagocytic lymphohistiocytosis and normal pigmentation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 317-321.e8. | 1.5 | 22 |

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|-----|--|------|-----------|
| 109 | Functional Anti-CD94/NKG2A and Anti-CD94/NKG2C Autoantibodies in Patients With Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2015, 67, 1000-1011. | 2.9 | 21 |
| 110 | Patients with Primary Sjögren's Syndrome Have Alterations in Absolute Quantities of Specific Peripheral Leucocyte Populations. <i>Scandinavian Journal of Immunology</i> , 2017, 86, 491-502. | 1.3 | 21 |
| 111 | Serum cytokine measurements and biological therapy of psoriasis – Prospects for personalized treatment?. <i>Scandinavian Journal of Immunology</i> , 2018, 88, e12725. | 1.3 | 21 |
| 112 | Respiratory viral infections in otherwise healthy humans with inherited IRF7 deficiency. <i>Journal of Experimental Medicine</i> , 2022, 219, . | 4.2 | 21 |
| 113 | Sensitive and viable quantification of inside-out signals for LFA-1 activation in human cytotoxic lymphocytes by flow cytometry. <i>Journal of Immunological Methods</i> , 2011, 366, 106-118. | 0.6 | 20 |
| 114 | An N-Terminal Missense Mutation in STX11 Causative of FHL4 Abrogates Syntaxin-11 Binding to Munc18-2. <i>Frontiers in Immunology</i> , 2014, 4, 515. | 2.2 | 20 |
| 115 | Combined newborn screening for familial hemophagocytic lymphohistiocytosis and severe T- and B-cell immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 226-228.e7. | 1.5 | 20 |
| 116 | Screening for Wiskott-Aldrich syndrome by flow cytometry. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 333-335.e8. | 1.5 | 20 |
| 117 | Treatment of Familial Hemophagocytic Lymphohistiocytosis with Third-Party Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2012, 21, 3147-3151. | 1.1 | 19 |
| 118 | Alemtuzumab treatment for hemophagocytic lymphohistiocytosis. <i>Nature Reviews Clinical Oncology</i> , 2010, 7, 1-1. | 12.5 | 18 |
| 119 | Site-Specific Photolabeling of the IgG Fab Fragment Using a Small Protein G Derived Domain. <i>Bioconjugate Chemistry</i> , 2016, 27, 2095-2102. | 1.8 | 18 |
| 120 | Kinome Analysis of Receptor-Induced Phosphorylation in Human Natural Killer Cells. <i>PLoS ONE</i> , 2012, 7, e29672. | 1.1 | 17 |
| 121 | Unusual functional manifestations of a novel STX11 frameshift mutation in two infants with familial hemophagocytic lymphohistiocytosis type 4 (FHL4). <i>Pediatric Blood and Cancer</i> , 2011, 56, 654-657. | 0.8 | 15 |
| 122 | Cytotoxic Granule Exocytosis From Human Cytotoxic T Lymphocytes Is Mediated by VAMP7. <i>Frontiers in Immunology</i> , 2019, 10, 1855. | 2.2 | 15 |
| 123 | Determination of essential phenotypic elements of clusters in high-dimensional entities – DEPECHE. <i>PLoS ONE</i> , 2019, 14, e0203247. | 1.1 | 15 |
| 124 | Genetics and pathophysiology of haemophagocytic lymphohistiocytosis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2903-2911. | 0.7 | 14 |
| 125 | Neuroinflammation Associated With Inborn Errors of Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 827815. | 2.2 | 14 |
| 126 | CD45RA ⁺ CD62L ^{hi} ILCs in human tissues represent a quiescent local reservoir for the generation of differentiated ILCs. <i>Science Immunology</i> , 2022, 7, eabj8301. | 5.6 | 14 |

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|-----|---|-----|-----------|
| 127 | <i>IL2RB</i> maintains immune harmony. <i>Journal of Experimental Medicine</i> , 2019, 216, 1231-1233. | 4.2 | 13 |
| 128 | Elevated ferritin and soluble CD25 in critically ill patients are associated with parameters of (hyper) inflammation and lymphocyte cytotoxicity. <i>Minerva Anestesiologica</i> , 2019, 85, 1289-1298. | 0.6 | 13 |
| 129 | cDNA cloning of a rat orthologue of SH2D2A encoding T-cell-specific adaptor protein (TSAd): expression in T and NK cells. <i>Immunogenetics</i> , 2004, 56, 338-42. | 1.2 | 12 |
| 130 | Anti-NKG2A autoantibodies in a patient with systemic lupus erythematosus. <i>Rheumatology</i> , 2013, 52, 1818-1823. | 0.9 | 11 |
| 131 | Novel STAT3 Mutation Causing Hyper-IgE Syndrome: Studies of the Clinical Course and Immunopathology. <i>Journal of Clinical Immunology</i> , 2014, 34, 469-477. | 2.0 | 11 |
| 132 | HLH: genomics illuminates pathophysiological diversity. <i>Blood</i> , 2018, 132, 5-7. | 0.6 | 11 |
| 133 | Dominant TOM1 mutation associated with combined immunodeficiency and autoimmune disease. <i>Npj Genomic Medicine</i> , 2019, 4, 14. | 1.7 | 11 |
| 134 | Rubella vaccine-induced granulomas are a novel phenotype with incomplete penetrance of genetic defects in cytotoxicity. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 388-399.e4. | 1.5 | 11 |
| 135 | A Rare Case of Activated Phosphoinositide 3-Kinase Delta Syndrome (APDS) Presenting With Hemophagocytosis Complicated With Hodgkin Lymphoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, 156-159. | 0.3 | 10 |
| 136 | The rat orthologue to the inhibitory receptor gp49B is expressed by neutrophils and monocytes, but not by NK cells or mast cells. <i>European Journal of Immunology</i> , 2005, 35, 1230-1239. | 1.6 | 8 |
| 137 | Haploinsufficiency of <i>UNC13D</i> increases the risk of lymphoma. <i>Cancer</i> , 2019, 125, 1848-1854. | 2.0 | 8 |
| 138 | Patients with both Langerhans cell histiocytosis and Crohn's disease highlight a common role of interleukin-23. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1315-1321. | 0.7 | 8 |
| 139 | LIR1 educates expanded human NK cells and defines a unique antitumor NK cell subset with potent antibody-dependent cellular cytotoxicity. <i>Clinical and Translational Immunology</i> , 2021, 10, e1346. | 1.7 | 8 |
| 140 | Natural Killer Cells: Biology, Physiology and Medicine – Part 1. <i>Journal of Innate Immunity</i> , 2011, 3, 213-215. | 1.8 | 7 |
| 141 | Lymphocyte effector functions: armed for destruction?. <i>Current Opinion in Immunology</i> , 2007, 19, 337-338. | 2.4 | 6 |
| 142 | Reduced potency of cytotoxic T lymphocytes from patients with high-risk myelodysplastic syndromes. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 1135-1147. | 2.0 | 6 |
| 143 | Dynamic Changes in Natural Killer Cell Subset Frequencies in the Absence of Cytomegalovirus Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2728. | 2.2 | 6 |
| 144 | Natural Killer Cells: Biology, Physiology and Medicine – Part 2. <i>Journal of Innate Immunity</i> , 2011, 3, 327-328. | 1.8 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Hematopoietic stem cell transplantation of an adolescent with neurological manifestations of homozygous missense <i>PRF1</i> mutation. <i>Pediatric Blood and Cancer</i> , 2014, 61, 2313-2315. | 0.8 | 5 |
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