

Franco Locatelli

List of Publications by Year in descending order

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Version: 2024-02-01

366
papers

19,602
citations

11651
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123
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docs citations

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times ranked

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | CRISPR-Cas9 Gene Editing for Sickle Cell Disease and β^0 -Thalassemia. <i>New England Journal of Medicine</i> , 2021, 384, 252-260. | 27.0 | 939 |
| 2 | Molecular response to treatment redefines all prognostic factors in children and adolescents with B-cell precursor acute lymphoblastic leukemia: results in 3184 patients of the AIEOP-BFM ALL 2000 study. <i>Blood</i> , 2010, 115, 3206-3214. | 1.4 | 685 |
| 3 | Phase I/Phase II Study of Blinatumomab in Pediatric Patients With Relapsed/Refractory Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2016, 34, 4381-4389. | 1.6 | 478 |
| 4 | HLA-haploidentical stem cell transplantation after removal of β^0 T and B cells in children with nonmalignant disorders. <i>Blood</i> , 2014, 124, 822-826. | 1.4 | 385 |
| 5 | Late MRD response determines relapse risk overall and in subsets of childhood T-cell ALL: results of the AIEOP-BFM-ALL 2000 study. <i>Blood</i> , 2011, 118, 2077-2084. | 1.4 | 370 |
| 6 | Anti-leukemia activity of alloreactive NK cells in KIR ligand-mismatched haploidentical HSCT for pediatric patients: evaluation of the functional role of activating KIR and redefinition of inhibitory KIR specificity. <i>Blood</i> , 2009, 113, 3119-3129. | 1.4 | 343 |
| 7 | Emapalumab in Children with Primary Hemophagocytic Lymphohistiocytosis. <i>New England Journal of Medicine</i> , 2020, 382, 1811-1822. | 27.0 | 320 |
| 8 | Germline CBL mutations cause developmental abnormalities and predispose to juvenile myelomonocytic leukemia. <i>Nature Genetics</i> , 2010, 42, 794-800. | 21.4 | 308 |
| 9 | Prevalence, clinical characteristics, and prognosis of GATA2-related myelodysplastic syndromes in children and adolescents. <i>Blood</i> , 2016, 127, 1387-1397. | 1.4 | 304 |
| 10 | Hematopoietic stem cell transplantation (HSCT) in children with juvenile myelomonocytic leukemia (JMML): results of the EWO-MDS/EBMT trial. <i>Blood</i> , 2005, 105, 410-419. | 1.4 | 291 |
| 11 | Collaborative Efforts Driving Progress in Pediatric Acute Myeloid Leukemia. <i>Journal of Clinical Oncology</i> , 2015, 33, 2949-2962. | 1.6 | 277 |
| 12 | Killer Ig-Like Receptors (KIRs): Their Role in NK Cell Modulation and Developments Leading to Their Clinical Exploitation. <i>Frontiers in Immunology</i> , 2019, 10, 1179. | 4.8 | 269 |
| 13 | How I treat relapsed childhood acute lymphoblastic leukemia. <i>Blood</i> , 2012, 120, 2807-2816. | 1.4 | 263 |
| 14 | Outcome of children with acute leukemia given HLA-haploidentical HSCT after β^0 T-cell and B-cell depletion. <i>Blood</i> , 2017, 130, 677-685. | 1.4 | 261 |
| 15 | Mutations in CBL occur frequently in juvenile myelomonocytic leukemia. <i>Blood</i> , 2009, 114, 1859-1863. | 1.4 | 260 |
| 16 | Impact of allele-level HLA matching on outcomes after myeloablative single unit umbilical cord blood transplantation for hematologic malignancy. <i>Blood</i> , 2014, 123, 133-140. | 1.4 | 239 |
| 17 | Long-term follow-up of IPEX syndrome patients after different therapeutic strategies: An international multicenter retrospective study. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1036-1049.e5. | 2.9 | 233 |
| 18 | β^0 T-cell reconstitution after HLA-haploidentical hematopoietic transplantation depleted of TCR- β^0 /CD19+ lymphocytes. <i>Blood</i> , 2015, 125, 2349-2358. | 1.4 | 224 |

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|----|--|------|-----------|
| 19 | Inhibition of Natural Killer Cell Cytotoxicity by Interleukin-6: Implications for the Pathogenesis of Macrophage Activation Syndrome. <i>Arthritis and Rheumatology</i> , 2015, 67, 3037-3046. | 5.6 | 222 |
| 20 | Killer Ig-like receptor-mediated control of natural killer cell alloreactivity in haploidentical hematopoietic stem cell transplantation. <i>Blood</i> , 2011, 117, 764-771. | 1.4 | 218 |
| 21 | Ruxolitinib for Glucocorticoid-Refractory Chronic Graft-versus-Host Disease. <i>New England Journal of Medicine</i> , 2021, 385, 228-238. | 27.0 | 209 |
| 22 | Dexamethasone vs prednisone in induction treatment of pediatric ALL: results of the randomized trial AIEOP-BFM ALL 2000. <i>Blood</i> , 2016, 127, 2101-2112. | 1.4 | 208 |
| 23 | Haematopoietic stem cell transplantation in haemophagocytic lymphohistiocytosis. <i>British Journal of Haematology</i> , 2005, 129, 622-630. | 2.5 | 206 |
| 24 | Chronic graft-versus-host disease in children: incidence, risk factors, and impact on outcome. <i>Blood</i> , 2002, 100, 1192-1200. | 1.4 | 201 |
| 25 | GIMEMA-AIEOPAIDA protocol for the treatment of newly diagnosed acute promyelocytic leukemia (APL) in children. <i>Blood</i> , 2005, 106, 447-453. | 1.4 | 196 |
| 26 | How I treat juvenile myelomonocytic leukemia. <i>Blood</i> , 2015, 125, 1083-1090. | 1.4 | 189 |
| 27 | Outcome of Infants Younger Than 1 Year With Acute Lymphoblastic Leukemia Treated With the Interfant-06 Protocol: Results From an International Phase III Randomized Study. <i>Journal of Clinical Oncology</i> , 2019, 37, 2246-2256. | 1.6 | 186 |
| 28 | Human Cytomegalovirus Infection Promotes Rapid Maturation of NK Cells Expressing Activating Killer Ig-like Receptor in Patients Transplanted with NKG2C ^{hi} Umbilical Cord Blood. <i>Journal of Immunology</i> , 2014, 192, 1471-1479. | 0.8 | 176 |
| 29 | Second Allogeneic Bone Marrow Transplantation in Acute Leukemia: Results of a Survey by the European Cooperative Group for Blood and Marrow Transplantation. <i>Journal of Clinical Oncology</i> , 2001, 19, 3675-3684. | 1.6 | 173 |
| 30 | Effect of Blinatumomab vs Chemotherapy on Event-Free Survival Among Children With High-risk First-Relapse B-Cell Acute Lymphoblastic Leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 843. | 7.4 | 166 |
| 31 | Total Body Irradiation or Chemotherapy Conditioning in Childhood ALL: A Multinational, Randomized, Noninferiority Phase III Study. <i>Journal of Clinical Oncology</i> , 2021, 39, 295-307. | 1.6 | 163 |
| 32 | Results of the AIEOP AML 2002/01 multicenter prospective trial for the treatment of children with acute myeloid leukemia. <i>Blood</i> , 2013, 122, 170-178. | 1.4 | 162 |
| 33 | Unrelated cord blood transplantation for childhood acute myeloid leukemia: a Eurocord Group analysis. <i>Blood</i> , 2003, 102, 4290-4297. | 1.4 | 160 |
| 34 | Graft versus host disease prophylaxis with low-dose cyclosporine-A reduces the risk of relapse in children with acute leukemia given HLA-identical sibling bone marrow transplantation: results of a randomized trial. <i>Blood</i> , 2000, 95, 1572-1579. | 1.4 | 153 |
| 35 | Pediatric non-Down syndrome acute megakaryoblastic leukemia is characterized by distinct genomic subsets with varying outcomes. <i>Nature Genetics</i> , 2017, 49, 451-456. | 21.4 | 152 |
| 36 | Different Innate and Adaptive Immune Responses to SARS-CoV-2 Infection of Asymptomatic, Mild, and Severe Cases. <i>Frontiers in Immunology</i> , 2020, 11, 610300. | 4.8 | 149 |

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|----|--|------|-----------|
| 37 | Anti-CD20 monoclonal antibody for the treatment of severe, immune-mediated, pure red cell aplasia and hemolytic anemia. <i>Blood</i> , 2001, 97, 3995-3997. | 1.4 | 147 |
| 38 | Genetic predisposition to hemophagocytic lymphohistiocytosis: Report on 500 patients from the Italian registry. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 188-196.e4. | 2.9 | 139 |
| 39 | Results of Unrelated Cord Blood Transplant in Fanconi Anemia Patients: Risk Factor Analysis for Engraftment and Survival. <i>Biology of Blood and Marrow Transplantation</i> , 2007, 13, 1073-1082. | 2.0 | 138 |
| 40 | NK cells and ILCs in tumor immunotherapy. <i>Molecular Aspects of Medicine</i> , 2021, 80, 100870. | 6.4 | 134 |
| 41 | KIR B haplotype donors confer a reduced risk for relapse after haploidentical transplantation in children with ALL. <i>Blood</i> , 2014, 124, 2744-2747. | 1.4 | 132 |
| 42 | A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. <i>Journal of Experimental Medicine</i> , 2019, 216, 2778-2799. | 8.5 | 132 |
| 43 | The immune system of children: the key to understanding SARS-CoV-2 susceptibility?. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 414-416. | 5.6 | 132 |
| 44 | Extracorporeal photochemotherapy for treatment of acute and chronic GVHD in childhood. <i>Transfusion</i> , 2001, 41, 1299-1305. | 1.6 | 131 |
| 45 | Monosomy 7 and deletion 7q in children and adolescents with acute myeloid leukemia: an international retrospective study. <i>Blood</i> , 2007, 109, 4641-4647. | 1.4 | 126 |
| 46 | Graft rejection after unrelated donor hematopoietic stem cell transplantation for thalassemia is associated with nonpermissive HLA-DPB1 disparity in host-versus-graft direction. <i>Blood</i> , 2006, 107, 2984-2992. | 1.4 | 123 |
| 47 | Choice of costimulatory domains and of cytokines determines CAR T-cell activity in neuroblastoma. <i>Oncotarget</i> , 2018, 7, e1433518. | 4.6 | 120 |
| 48 | CBFA2T3-GLIS2 fusion transcript is a novel common feature in pediatric, cytogenetically normal AML, not restricted to FAB M7 subtype. <i>Blood</i> , 2013, 121, 3469-3472. | 1.4 | 119 |
| 49 | NK Cells Mediate a Crucial Graft-versus-Leukemia Effect in Haploidentical-HSCT to Cure High-Risk Acute Leukemia. <i>Trends in Immunology</i> , 2018, 39, 577-590. | 6.8 | 119 |
| 50 | Anti-CD20 monoclonal antibody (Rituximab) for life-threatening autoimmune haemolytic anaemia in a patient with systemic lupus erythematosus. <i>British Journal of Haematology</i> , 2002, 116, 465-467. | 2.5 | 116 |
| 51 | Influence of Cranial Radiotherapy on Outcome in Children With Acute Lymphoblastic Leukemia Treated With Contemporary Therapy. <i>Journal of Clinical Oncology</i> , 2016, 34, 919-926. | 1.6 | 111 |
| 52 | Tumor-infiltrating T lymphocytes improve clinical outcome of therapy-resistant neuroblastoma. <i>Oncotarget</i> , 2015, 4, e1019981. | 4.6 | 105 |
| 53 | Modeling medulloblastoma in vivo and with human cerebellar organoids. <i>Nature Communications</i> , 2020, 11, 583. | 12.8 | 105 |
| 54 | Unrelated donor vs HLA-haploidentical $\hat{1}\pm/\hat{1}^2$ T-cellâ€ and B-cellâ€ depleted HSCT in children with acute leukemia. <i>Blood</i> , 2018, 132, 2594-2607. | 1.4 | 101 |

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|----|--|------|-----------|
| 55 | Genomic subtyping and therapeutic targeting of acute erythroleukemia. <i>Nature Genetics</i> , 2019, 51, 694-704. | 21.4 | 97 |
| 56 | Early expansion of myeloid-derived suppressor cells inhibits SARS-CoV-2 specific T-cell response and may predict fatal COVID-19 outcome. <i>Cell Death and Disease</i> , 2020, 11, 921. | 6.3 | 96 |
| 57 | Early T-cell precursor acute lymphoblastic leukaemia in children treated in AIEOP centres with AIEOP-BFM protocols: a retrospective analysis. <i>Lancet Haematology</i> , 2016, 3, e80-e86. | 4.6 | 95 |
| 58 | Aberrant DNA methylation characterizes juvenile myelomonocytic leukemia with poor outcome. <i>Blood</i> , 2011, 117, 4871-4880. | 1.4 | 94 |
| 59 | The European Society for Blood and Marrow Transplantation (EBMT) consensus recommendations for donor selection in haploidentical hematopoietic cell transplantation. <i>Bone Marrow Transplantation</i> , 2020, 55, 12-24. | 2.4 | 94 |
| 60 | RAS-pathway mutation patterns define epigenetic subclasses in juvenile myelomonocytic leukemia. <i>Nature Communications</i> , 2017, 8, 2126. | 12.8 | 91 |
| 61 | Betibeglogene Autotemcel Gene Therapy for Non- β^0/β^0 Genotype β^0 -Thalassemia. <i>New England Journal of Medicine</i> , 2022, 386, 415-427. | 27.0 | 91 |
| 62 | Negative depletion of β^0/β^0 T cells and of CD19 ⁺ B lymphocytes: A novel frontier to optimize the effect of innate immunity in HLA-mismatched hematopoietic stem cell transplantation. <i>Immunology Letters</i> , 2013, 155, 21-23. | 2.5 | 90 |
| 63 | Cellular and gene signatures of tumor-infiltrating dendritic cells and natural-killer cells predict prognosis of neuroblastoma. <i>Nature Communications</i> , 2020, 11, 5992. | 12.8 | 87 |
| 64 | Invariant NKT Cell Reconstitution in Pediatric Leukemia Patients Given HLA-Haploidentical Stem Cell Transplantation Defines Distinct CD4 ⁺ and CD4 ⁺ Subset Dynamics and Correlates with Remission State. <i>Journal of Immunology</i> , 2011, 186, 4490-4499. | 0.8 | 85 |
| 65 | Natural killer cells in the treatment of high-risk acute leukaemia. <i>Seminars in Immunology</i> , 2014, 26, 173-179. | 5.6 | 85 |
| 66 | A novel self-lipid antigen targets human T cells against CD1c ⁺ leukemias. <i>Journal of Experimental Medicine</i> , 2014, 211, 1363-1377. | 8.5 | 80 |
| 67 | Analysis of memory-like natural killer cells in human cytomegalovirus-infected children undergoing β^0 T and B cell-depleted hematopoietic stem cell transplantation for hematological malignancies. <i>Haematologica</i> , 2016, 101, 371-381. | 3.5 | 80 |
| 68 | Analysis of risk factors influencing outcomes after cord blood transplantation in children with juvenile myelomonocytic leukemia: a EUROCORD, EBMT, EWOG-MDS, CIBMTR study. <i>Blood</i> , 2013, 122, 2135-2141. | 1.4 | 79 |
| 69 | Recurrent abnormalities can be used for risk group stratification in pediatric AMKL: a retrospective intergroup study. <i>Blood</i> , 2016, 127, 3424-3430. | 1.4 | 79 |
| 70 | Brentuximab vedotin for paediatric relapsed or refractory Hodgkin's lymphoma and anaplastic large-cell lymphoma: a multicentre, open-label, phase 1/2 study. <i>Lancet Haematology</i> , 2018, 5, e450-e461. | 4.6 | 79 |
| 71 | Clinical evolution, genetic landscape and trajectories of clonal hematopoiesis in SAMD9/SAMD9L syndromes. <i>Nature Medicine</i> , 2021, 27, 1806-1817. | 30.7 | 79 |
| 72 | Human NK Cells: From Surface Receptors to the Therapy of Leukemias and Solid Tumors. <i>Frontiers in Immunology</i> , 2014, 5, 87. | 4.8 | 77 |

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|----|---|------|-----------|
| 73 | t(6;9)(p22;q34)/DEK-NUP214-rearranged pediatric myeloid leukemia: an international study of 62 patients. <i>Haematologica</i> , 2014, 99, 865-872. | 3.5 | 77 |
| 74 | Haploidentical hemopoietic stem cell transplantation for the treatment of high-risk leukemias: How NK cells make the difference. <i>Clinical Immunology</i> , 2009, 133, 171-178. | 3.2 | 76 |
| 75 | The Interplay between CD27dull and CD27bright B Cells Ensures the Flexibility, Stability, and Resilience of Human B Cell Memory. <i>Cell Reports</i> , 2020, 30, 2963-2977.e6. | 6.4 | 76 |
| 76 | Autoimmune Hematological Diseases after Allogeneic Hematopoietic Stem Cell Transplantation in Children: An Italian Multicenter Experience. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 272-278. | 2.0 | 75 |
| 77 | Persistent B cell memory after SARS-CoV-2 vaccination is functional during breakthrough infections. <i>Cell Host and Microbe</i> , 2022, 30, 400-408.e4. | 11.0 | 75 |
| 78 | Gene Expression-Based Classification As an Independent Predictor of Clinical Outcome in Juvenile Myelomonocytic Leukemia. <i>Journal of Clinical Oncology</i> , 2010, 28, 1919-1927. | 1.6 | 74 |
| 79 | Multifunctional human CD56low CD16low natural killer cells are the prominent subset in bone marrow of both healthy pediatric donors and leukemic patients. <i>Haematologica</i> , 2015, 100, 489-498. | 3.5 | 72 |
| 80 | Reduced-Intensity Delayed Intensification in Standard-Risk Pediatric Acute Lymphoblastic Leukemia Defined by Undetectable Minimal Residual Disease: Results of an International Randomized Trial (AIEOP-BFM ALL 2000). <i>Journal of Clinical Oncology</i> , 2018, 36, 244-253. | 1.6 | 71 |
| 81 | Current and future approaches to treat graft failure after allogeneic hematopoietic stem cell transplantation. <i>Expert Opinion on Pharmacotherapy</i> , 2014, 15, 23-36. | 1.8 | 69 |
| 82 | Heterogeneous cytogenetic subgroups and outcomes in childhood acute megakaryoblastic leukemia: a retrospective international study. <i>Blood</i> , 2015, 126, 1575-1584. | 1.4 | 69 |
| 83 | Treosulfan-based conditioning regimen for allogeneic haematopoietic stem cell transplantation in children with sickle cell disease. <i>British Journal of Haematology</i> , 2015, 169, 726-736. | 2.5 | 68 |
| 84 | Blinatumomab in pediatric patients with relapsed/refractory acute lymphoblastic leukemia: results of the RIALTO trial, an expanded access study. <i>Blood Cancer Journal</i> , 2020, 10, 77. | 6.2 | 65 |
| 85 | Outcomes and Treatment Strategies for Autoimmunity and Hyperinflammation in Patients with RAG Deficiency. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 1970-1985.e4. | 3.8 | 64 |
| 86 | Hematopoietic stem cell transplantation for hemophagocytic lymphohistiocytosis: a retrospective analysis of data from the Italian Association of Pediatric Hematology Oncology (AIEOP). <i>Haematologica</i> , 2008, 93, 1694-1701. | 3.5 | 62 |
| 87 | Î2-arrestin1-mediated acetylation of Gli1 regulates Hedgehog/Gli signaling and modulates self-renewal of SHH medulloblastoma cancer stem cells. <i>BMC Cancer</i> , 2017, 17, 488. | 2.6 | 62 |
| 88 | Highly Specific Memory B Cells Generation after the 2nd Dose of BNT162b2 Vaccine Compensate for the Decline of Serum Antibodies and Absence of Mucosal IgA. <i>Cells</i> , 2021, 10, 2541. | 4.1 | 61 |
| 89 | Genotype-phenotype correlation in cases of juvenile myelomonocytic leukemia with clonal RAS mutations. <i>Blood</i> , 2008, 111, 966-967. | 1.4 | 60 |
| 90 | Bridging to transplant with azacitidine in juvenile myelomonocytic leukemia: a retrospective analysis of the EWOG-MDS study group. <i>Blood</i> , 2015, 125, 2311-2313. | 1.4 | 60 |

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|-----|---|------|-----------|
| 91 | Selective Depletion of $\hat{1}\hat{2}$ T Cells and B Cells for Human Leukocyte Antigenâ€Haploidentical Hematopoietic Stem Cell Transplantation. A Three-Year Follow-Up of Procedure Efficiency. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 2056-2064. | 2.0 | 59 |
| 92 | Efficacy of two different doses of rabbit anti-T-lymphocyte globulin to prevent graft-versus-host disease in children with haematological malignancies transplanted from an unrelated donor: a multicentre, randomised, open-label, phase 3 trial. <i>Lancet Oncology</i> , The, 2017, 18, 1126-1136. | 10.7 | 58 |
| 93 | Recognition of adult and pediatric acute lymphoblastic leukemia blasts by natural killer cells. <i>Haematologica</i> , 2014, 99, 1248-1254. | 3.5 | 57 |
| 94 | At the Bedside: Innate immunity as an immunotherapy tool for hematological malignancies. <i>Journal of Leukocyte Biology</i> , 2013, 94, 1141-1157. | 3.3 | 56 |
| 95 | Prognostic significance of flowâ€cytometry evaluation of minimal residual disease in children with acute myeloid leukaemia treated according to the <scp>AIEOP</scp>â€<scp>AML</scp> 2002/01 study protocol. <i>British Journal of Haematology</i> , 2017, 177, 116-126. | 2.5 | 54 |
| 96 | NK Cell-Based Immunotherapy for Hematological Malignancies. <i>Journal of Clinical Medicine</i> , 2019, 8, 1702. | 2.4 | 54 |
| 97 | HLA-Haploidentical T Cellâ€Depleted Allogeneic Hematopoietic Stem Cell Transplantation in Children with Fanconi Anemia. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 571-576. | 2.0 | 52 |
| 98 | ERAP1 Regulates Natural Killer Cell Function by Controlling the Engagement of Inhibitory Receptors. <i>Cancer Research</i> , 2015, 75, 824-834. | 0.9 | 52 |
| 99 | Human innate lymphoid cells. <i>Immunology Letters</i> , 2016, 179, 2-8. | 2.5 | 52 |
| 100 | Role of interferon- $\hat{3}$ in immune-mediated graft failure after allogeneic hematopoietic stem cell transplantation. <i>Haematologica</i> , 2019, 104, 2314-2323. | 3.5 | 52 |
| 101 | Durable remissions in <i>TCF3-HLF</i> positive acute lymphoblastic leukemia with blinatumomab and stem cell transplantation. <i>Haematologica</i> , 2019, 104, e244-e247. | 3.5 | 52 |
| 102 | Thymic function recovery after unrelated donor cord blood or T-cell depleted HLA-haploidentical stem cell transplantation correlates with leukemia relapse. <i>Frontiers in Immunology</i> , 2013, 4, 54. | 4.8 | 51 |
| 103 | Clinical applications of donor lymphocyte infusion from an HLA-haploidentical donor: consensus recommendations from the Acute Leukemia Working Party of the EBMT. <i>Haematologica</i> , 2020, 105, 47-58. | 3.5 | 51 |
| 104 | Robot-Assisted Stereotactic Biopsy of Diffuse Intrinsic Pontine Glioma: A Single-Center Experience. <i>World Neurosurgery</i> , 2017, 101, 584-588. | 1.3 | 50 |
| 105 | A literature review of 2019 novel coronavirus (SARS-CoV2) infection in neonates and children. <i>Pediatric Research</i> , 2021, 89, 1101-1108. | 2.3 | 48 |
| 106 | A phase 1 study of inotuzumab ozogamicin in pediatric relapsed/refractory acute lymphoblastic leukemia (ITCC-059 study). <i>Blood</i> , 2021, 137, 1582-1590. | 1.4 | 48 |
| 107 | Risk factors and outcomes according to age at transplantation with an HLA-identical sibling for sickle cell disease. <i>Haematologica</i> , 2019, 104, e543-e546. | 3.5 | 47 |
| 108 | Compound heterozygosity for two different amino-acid substitution mutations in the thrombopoietin receptor (c-mpl gene) in congenital amegakaryocytic thrombocytopenia (CAMT). <i>Human Genetics</i> , 2000, 107, 225-233. | 3.8 | 46 |

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|-----|--|-----|-----------|
| 109 | Germline mutation of the <i>NRAS</i> gene may be responsible for the development of juvenile myelomonocytic leukaemia. <i>British Journal of Haematology</i> , 2009, 147, 706-709. | 2.5 | 46 |
| 110 | Risk-adapted treatment of acute promyelocytic leukemia: results from the International Consortium for Childhood APL. <i>Blood</i> , 2018, 132, 405-412. | 1.4 | 46 |
| 111 | No difference in outcome between children and adolescents transplanted for acute lymphoblastic leukemia in second remission. <i>Blood</i> , 2011, 118, 6683-6690. | 1.4 | 45 |
| 112 | Acute Myeloid Leukemia in Infants: Biology and Treatment. <i>Frontiers in Pediatrics</i> , 2015, 3, 37. | 1.9 | 45 |
| 113 | NK Cells and Other Innate Lymphoid Cells in Hematopoietic Stem Cell Transplantation. <i>Frontiers in Immunology</i> , 2016, 7, 188. | 4.8 | 45 |
| 114 | Prognostic impact of t(16;21)(p11;q22) and t(16;21)(q24;q22) in pediatric AML: a retrospective study by the I-BFM Study Group. <i>Blood</i> , 2018, 132, 1584-1592. | 1.4 | 45 |
| 115 | Total Body Irradiation, Thiotepe, and Cyclophosphamide as a Conditioning Regimen for Children With Acute Lymphoblastic Leukemia in First or Second Remission Undergoing Bone Marrow Transplantation With HLA-Identical Siblings. <i>Journal of Clinical Oncology</i> , 1999, 17, 1838-1838. | 1.6 | 44 |
| 116 | Pre- and post-transplant minimal residual disease predicts relapse occurrence in children with acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2018, 180, 680-693. | 2.5 | 44 |
| 117 | Criteria for evaluating response and outcome in clinical trials for children with juvenile myelomonocytic leukemia. <i>Haematologica</i> , 2015, 100, 17-22. | 3.5 | 43 |
| 118 | CBFA2T3-GLIS2-positive acute myeloid leukaemia. A peculiar paediatric entity. <i>British Journal of Haematology</i> , 2019, 184, 337-347. | 2.5 | 43 |
| 119 | Reducing mortality and morbidity in patients with severe COVID-19 disease by advancing ongoing trials of Mesenchymal Stromal (stem) Cell (MSC) therapy – Achieving global consensus and visibility for cellular host-directed therapies. <i>International Journal of Infectious Diseases</i> , 2020, 96, 431-439. | 3.3 | 43 |
| 120 | Gonadal Function after Busulfan Compared with Treosulfan in Children and Adolescents Undergoing Allogeneic Hematopoietic Stem Cell Transplant. <i>Biology of Blood and Marrow Transplantation</i> , 2019, 25, 1786-1791. | 2.0 | 42 |
| 121 | Targeted NGS Platforms for Genetic Screening and Gene Discovery in Primary Immunodeficiencies. <i>Frontiers in Immunology</i> , 2019, 10, 316. | 4.8 | 42 |
| 122 | Myeloablative conditioning for allo-HSCT in pediatric ALL: FTBI or chemotherapy? – A multicenter EBMT-PDWP study. <i>Bone Marrow Transplantation</i> , 2020, 55, 1540-1551. | 2.4 | 42 |
| 123 | Incidence of, and Risk Factors for, Nosocomial Infections Among Hematopoietic Stem Cell Transplantation Recipients, With Impact on Procedure-Related Mortality. <i>Infection Control and Hospital Epidemiology</i> , 2001, 22, 510-517. | 1.8 | 41 |
| 124 | Impact of Conditioning Regimen on Outcomes for Children with Acute Myeloid Leukemia Undergoing Transplantation in First Complete Remission. An Analysis on Behalf of the Pediatric Disease Working Party of the European Group for Blood and Marrow Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2017, 23, 467-474. | 2.0 | 41 |
| 125 | Clinical Implications of Minimal Residual Disease Detection in Infants With <i>KMT2A</i> -Rearranged Acute Lymphoblastic Leukemia Treated on the Interfant-06 Protocol. <i>Journal of Clinical Oncology</i> , 2021, 39, 652-662. | 1.6 | 41 |
| 126 | Boosting Natural Killer Cell-Based Immunotherapy with Anticancer Drugs: a Perspective. <i>Trends in Molecular Medicine</i> , 2017, 23, 1156-1175. | 6.7 | 40 |

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|-----|---|------|-----------|
| 127 | Outcomes of Children with Hemophagocytic Lymphohistiocytosis Given Allogeneic Hematopoietic Stem Cell Transplantation in Italy. <i>Biology of Blood and Marrow Transplantation</i> , 2018, 24, 1223-1231. | 2.0 | 39 |
| 128 | Mobilization of healthy donors with plerixafor affects the cellular composition of T-cell receptor (TCR)- $\alpha\beta$ /CD19-depleted haploidentical stem cell grafts. <i>Journal of Translational Medicine</i> , 2014, 12, 240. | 4.4 | 38 |
| 129 | Bone marrow immunophenotyping by flow cytometry in refractory cytopenia of childhood. <i>Haematologica</i> , 2015, 100, 315-323. | 3.5 | 38 |
| 130 | Ontogenic Changes in Hematopoietic Hierarchy Determine Pediatric Specificity and Disease Phenotype in Fusion Oncogene-Driven Myeloid Leukemia. <i>Cancer Discovery</i> , 2019, 9, 1736-1753. | 9.4 | 37 |
| 131 | Minimal residual disease monitored after induction therapy by RQ-PCR can contribute to tailor treatment of patients with t(8;21) RUNX1-RUNX1T1 rearrangement. <i>Haematologica</i> , 2015, 100, e99-e101. | 3.5 | 35 |
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