

Jaap J Boelens

List of Publications by Citations

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278
papers

8,594
citations

52
h-index

85
g-index

352
ext. papers

10,393
ext. citations

4.5
avg, IF

5.9
L-index

#	Paper	IF	Citations
278	Lentiviral hematopoietic stem cell gene therapy benefits metachromatic leukodystrophy. <i>Science</i> , 2013 , 341, 1233-158	33.3	837
277	Defective cytotoxic lymphocyte degranulation in syntaxin-11 deficient familial hemophagocytic lymphohistiocytosis 4 (FHL4) patients. <i>Blood</i> , 2007 , 110, 1906-15	2.2	248
276	Defibrotide for prophylaxis of hepatic veno-occlusive disease in paediatric haemopoietic stem-cell transplantation: an open-label, phase 3, randomised controlled trial. <i>Lancet, The</i> , 2012 , 379, 1301-9	4.0	246
275	Long-term outcome of Hurler syndrome patients after hematopoietic cell transplantation: an international multicenter study. <i>Blood</i> , 2015 , 125, 2164-72	2.2	198
274	How I treat adenovirus in hematopoietic stem cell transplant recipients. <i>Blood</i> , 2010 , 116, 5476-85	2.2	173
273	Outcomes of hematopoietic stem cell transplantation for Hurler's syndrome in Europe: a risk factor analysis for graft failure. <i>Bone Marrow Transplantation</i> , 2007 , 40, 225-33	4.4	166
272	Enzyme replacement therapy and/or hematopoietic stem cell transplantation at diagnosis in patients with mucopolysaccharidosis type I: results of a European consensus procedure. <i>Orphanet Journal of Rare Diseases</i> , 2011 , 6, 55	4.2	164
271	Association between anti-thymocyte globulin exposure and CD4+ immune reconstitution in paediatric haemopoietic cell transplantation: a multicentre, retrospective pharmacodynamic cohort analysis. <i>Lancet Haematology, the</i> , 2015 , 2, e194-203	14.6	158
270	Outcomes of transplantation using various hematopoietic cell sources in children with Hurler syndrome after myeloablative conditioning. <i>Blood</i> , 2013 , 121, 3981-7	2.2	154
269	Anakinra for flares of pyogenic arthritis in PAPA syndrome. <i>British Journal of Rheumatology</i> , 2005 , 44, 406-8		150
268	The clinical outcome of Hurler syndrome after stem cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2008 , 14, 485-98	4.7	145
267	Impact of thymoglobulin prior to pediatric unrelated umbilical cord blood transplantation on immune reconstitution and clinical outcome. <i>Blood</i> , 2014 , 123, 126-32	2.2	132
266	Association of busulfan exposure with survival and toxicity after haemopoietic cell transplantation in children and young adults: a multicentre, retrospective cohort analysis. <i>Lancet Haematology, the</i> , 2016 , 3, e526-e536	14.6	130
265	Neutrophils Kill Antibody-Opsonized Cancer Cells by Trogoptosis. <i>Cell Reports</i> , 2018 , 23, 3946-3959.e6	10.6	128
264	Association between anti-thymocyte globulin exposure and survival outcomes in adult unrelated haemopoietic cell transplantation: a multicentre, retrospective, pharmacodynamic cohort analysis. <i>Lancet Haematology, the</i> , 2017 , 4, e183-e191	14.6	113
263	Hematopoietic cell transplantation for mucopolysaccharidosis patients is safe and effective: results after implementation of international guidelines. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 1106-9	4.7	107
262	Allogeneic haematopoietic stem cell transplantation for mitochondrial neurogastrointestinal encephalomyopathy. <i>Brain</i> , 2015 , 138, 2847-58	11.2	107

261	Body weight-dependent pharmacokinetics of busulfan in paediatric haematopoietic stem cell transplantation patients: towards individualized dosing. <i>Clinical Pharmacokinetics</i> , 2012 , 51, 331-45	6.2	100
260	Biomaterial-associated persistence of Staphylococcus epidermidis in pericatheter macrophages. <i>Journal of Infectious Diseases</i> , 2000 , 181, 1337-49	7	100
259	Spectrum of clinical presentations in familial hemophagocytic lymphohistiocytosis type 5 patients with mutations in STXBP2. <i>Blood</i> , 2010 , 116, 2635-43	2.2	99
258	Human herpes virus 6 plasma DNA positivity after hematopoietic stem cell transplantation in children: an important risk factor for clinical outcome. <i>Biology of Blood and Marrow Transplantation</i> , 2008 , 14, 831-9	4.7	98
257	Excellent T-cell reconstitution and survival depend on low ATG exposure after pediatric cord blood transplantation. <i>Blood</i> , 2016 , 128, 2734-2741	2.2	97
256	Risk factor analysis of outcomes after unrelated cord blood transplantation in patients with hurler syndrome. <i>Biology of Blood and Marrow Transplantation</i> , 2009 , 15, 618-25	4.7	94
255	Current international perspectives on hematopoietic stem cell transplantation for inherited metabolic disorders. <i>Pediatric Clinics of North America</i> , 2010 , 57, 123-45	3.6	92
254	Association between busulfan exposure and outcome in children receiving intravenous busulfan before hematologic stem cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2009 , 15, 231-41	4.7	92
253	Toxicity and response after CD19-specific CAR T-cell therapy in pediatric/young adult relapsed/refractory B-ALL. <i>Blood</i> , 2019 , 134, 2361-2368	2.2	91
252	Trends in haematopoietic cell transplantation for inborn errors of metabolism. <i>Journal of Inherited Metabolic Disease</i> , 2006 , 29, 413-20	5.4	90
251	Potential of Systemic Allogeneic Mesenchymal Stromal Cell Therapy for Children with Recessive Dystrophic Epidermolysis Bullosa. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2319-2321	4.3	89
250	Metachromatic leukodystrophy: Disease spectrum and approaches for treatment. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2015 , 29, 261-73	6.5	89
249	Musculoskeletal manifestations of lysosomal storage disorders. <i>Annals of the Rheumatic Diseases</i> , 2009 , 68, 1659-65	2.4	85
248	Different NK cell-activating receptors preferentially recruit Rab27a or Munc13-4 to perforin-containing granules for cytotoxicity. <i>Blood</i> , 2009 , 114, 4117-27	2.2	83
247	Haematopoietic stem cell transplantation for autoimmune diseases. <i>Nature Reviews Rheumatology</i> , 2017 , 13, 244-256	8.1	82
246	Strong association between respiratory viral infection early after hematopoietic stem cell transplantation and the development of life-threatening acute and chronic alloimmune lung syndromes. <i>Biology of Blood and Marrow Transplantation</i> , 2010 , 16, 782-91	4.7	81
245	Respiratory Virus (RV) from Broncho Alveolar Lavage (BAL) Prior to Hematopoietic Cell Transplantation (HCT): A Strong Predictor for Allo-Immune Mediated Lung Syndromes (allo-LS). <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, S54-S55	4.7	78
244	Development of a unique anti-AML immune therapy consisting of cord blood HSCT and cord blood stem cell-derived dendritic cell (CB-DC) vaccination 2013 , 1,		78

243	Haematopoietic cell transplantation (HCT) in combination with enzyme replacement therapy (ERT) in patients with Hurler syndrome. <i>Bone Marrow Transplantation</i> , 2006 , 38, 17-21	4.4	78
242	Rabbit anti-T cell globulin in allogeneic hematopoietic cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 959-70	4.7	75
241	Fludarabine and exposure-targeted busulfan compares favorably with busulfan/cyclophosphamide-based regimens in pediatric hematopoietic cell transplantation: maintaining efficacy with less toxicity. <i>Biology of Blood and Marrow Transplantation</i> , 2014 , 20, 345-53	4.7	73
240	Immune reconstitution kinetics as an early predictor for mortality using various hematopoietic stem cell sources in children. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 305-13	4.7	70
239	Glutathione S-transferase polymorphisms are not associated with population pharmacokinetic parameters of busulfan in pediatric patients. <i>Therapeutic Drug Monitoring</i> , 2008 , 30, 504-10	3.2	68
238	Phase I/II Study of Stem-Cell Transplantation Using a Single Cord Blood Unit Expanded Ex Vivo With Nicotinamide. <i>Journal of Clinical Oncology</i> , 2019 , 37, 367-374	2.2	66
237	Hematopoietic stem cell transplantation for infantile osteopetrosis. <i>Blood</i> , 2015 , 126, 270-6	2.2	65
236	Hematopoietic Stem Cell Transplantation for Mucopolysaccharidoses: Past, Present, and Future. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, e226-e246	4.7	63
235	Fcγ receptor antigen targeting potentiates cross-presentation by human blood and lymphoid tissue BDCA-3+ dendritic cells. <i>Blood</i> , 2012 , 120, 5163-72	2.2	61
234	Once-daily intravenous busulfan with therapeutic drug monitoring compared to conventional oral busulfan improves survival and engraftment in children undergoing allogeneic stem cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2008 , 14, 88-98	4.7	61
233	Intensive care unit mortality trends in children after hematopoietic stem cell transplantation: a meta-regression analysis. <i>Critical Care Medicine</i> , 2008 , 36, 2898-904	1.4	60
232	Human herpesvirus type 6 reactivation after haematopoietic stem cell transplantation. <i>Journal of Clinical Virology</i> , 2008 , 43, 361-6	14.5	59
231	Effect of weight and maturation on busulfan clearance in infants and small children undergoing hematopoietic cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 1608-14	4.7	58
230	Viral reactivations and associated outcomes in the context of immune reconstitution after pediatric hematopoietic cell transplantation. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1643-1650.e9	11.5	57
229	Defibrotide for the Treatment of Hepatic Venous Occlusive Disease: Final Results From the International Compassionate-Use Program. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 1874-1882	4.7	57
228	Population pharmacokinetic modeling of Thymoglobulin(®) in children receiving allogeneic-hematopoietic cell transplantation: towards improved survival through individualized dosing. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 435-46	6.2	56
227	Highly variable plasma concentrations of voriconazole in pediatric hematopoietic stem cell transplantation patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 235-40	5.9	55
226	Allele-level HLA matching for umbilical cord blood transplantation for non-malignant diseases in children: a retrospective analysis. <i>Lancet Haematology</i> , 2017 , 4, e325-e333	14.6	51

225	Relationship between Mixed Donor-Recipient Chimerism and Disease Recurrence after Hematopoietic Cell Transplantation for Sickle Cell Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 2178-2183	4.7	50
224	Antitumor immune responses mediated by dendritic cells: How signals derived from dying cancer cells drive antigen cross-presentation. <i>Onc Immunology</i> , 2013 , 2, e26403	7.2	50
223	Allogeneic hematopoietic SCT for alpha-mannosidosis: an analysis of 17 patients. <i>Bone Marrow Transplantation</i> , 2012 , 47, 352-9	4.4	48
222	Hematopoietic cell transplantation does not prevent myelopathy in X-linked adrenoleukodystrophy: a retrospective study. <i>Journal of Inherited Metabolic Disease</i> , 2015 , 38, 359-61	5.4	46
221	Immune Reconstitution after Allogeneic Hematopoietic Cell Transplantation in Children. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 195-206	4.7	46
220	Transplantation in inborn errors of metabolism: current considerations and future perspectives. <i>British Journal of Haematology</i> , 2014 , 167, 293-303	4.5	46
219	Intravenous Busulfan Compared with Total Body Irradiation Pretransplant Conditioning for Adults with Acute Lymphoblastic Leukemia. <i>Biology of Blood and Marrow Transplantation</i> , 2018 , 24, 726-733	4.7	45
218	Biomarker profiling of steroid-resistant acute GVHD in patients after infusion of mesenchymal stromal cells. <i>Leukemia</i> , 2015 , 29, 1839-46	10.7	44
217	Defects in neutrophil granule mobilization and bactericidal activity in familial hemophagocytic lymphohistiocytosis type 5 (FHL-5) syndrome caused by STXBP2/Munc18-2 mutations. <i>Blood</i> , 2013 , 122, 109-11	2.2	40
216	Towards evidence-based dosing regimens in children on the basis of population pharmacokinetic pharmacodynamic modelling. <i>Archives of Disease in Childhood</i> , 2014 , 99, 267-72	2.2	39
215	Hematopoietic stem cell transplantation for CD40 ligand deficiency: Results from an EBMT/ESID-IEWP-SCETIDE-PIDTC study. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2238-2253	11.5	38
214	Predictors of invasive fungal infection in pediatric allogeneic hematopoietic SCT recipients. <i>Bone Marrow Transplantation</i> , 2014 , 49, 95-101	4.4	38
213	Predictive performance of a busulfan pharmacokinetic model in children and young adults. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 574-83	3.2	38
212	Hematopoietic Stem Cell Transplantation in Inborn Errors of Metabolism. <i>Frontiers in Pediatrics</i> , 2019 , 7, 433	3.4	37
211	Antigen cross-presentation: extending recent laboratory findings to therapeutic intervention. <i>Clinical and Experimental Immunology</i> , 2011 , 165, 8-18	6.2	36
210	Granulocyte concentrates: prolonged functional capacity during storage in the presence of phenotypic changes. <i>Haematologica</i> , 2008 , 93, 1058-67	6.6	36
209	Strategies before, during, and after hematopoietic cell transplantation to improve T-cell immune reconstitution. <i>Blood</i> , 2016 , 128, 2607-2615	2.2	35
208	Improvement of white matter changes on neuroimaging modalities after stem cell transplant in metachromatic leukodystrophy. <i>JAMA Neurology</i> , 2013 , 70, 779-82	17.2	34

207	Survival in a recent cohort of mechanically ventilated pediatric allogeneic hematopoietic stem cell transplantation recipients. <i>Biology of Blood and Marrow Transplantation</i> , 2008 , 14, 1385-93	4.7	34
206	Early Umbilical Cord Blood-Derived Stem Cell Transplantation Does Not Prevent Neurological Deterioration in Mucopolysaccharidosis Type III. <i>JIMD Reports</i> , 2015 , 18, 63-8	1.9	33
205	Efficacy of hematopoietic cell transplantation in metachromatic leukodystrophy: the Dutch experience. <i>Blood</i> , 2016 , 127, 3098-101	2.2	33
204	Interferon-gamma protects against biomaterial-associated <i>Staphylococcus epidermidis</i> infection in mice. <i>Journal of Infectious Diseases</i> , 2000 , 181, 1167-71	7	32
203	Immune reconstitution and outcomes after conditioning with anti-thymocyte-globulin in unrelated cord blood transplantation; the good, the bad, and the ugly. <i>Stem Cell Investigation</i> , 2017 , 4, 38	5.1	31
202	Subcutaneous abscess formation around catheters induced by viable and nonviable <i>Staphylococcus epidermidis</i> as well as by small amounts of bacterial cell wall components. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 50, 546-56		31
201	Rabbit ATG/ATLG in preventing graft-versus-host disease after allogeneic stem cell transplantation: consensus-based recommendations by an international expert panel. <i>Bone Marrow Transplantation</i> , 2020 , 55, 1093-1102	4.4	30
200	Pleconaril-resistant chronic parechovirus-associated enteropathy in agammaglobulinaemia. <i>Antiviral Therapy</i> , 2011 , 16, 611-4	1.6	30
199	Gallbladder and the risk of polyps and carcinoma in metachromatic leukodystrophy. <i>Neurology</i> , 2016 , 87, 103-11	6.5	28
198	GSTA1 diplotypes affect busulfan clearance and toxicity in children undergoing allogeneic hematopoietic stem cell transplantation: a multicenter study. <i>Oncotarget</i> , 2017 , 8, 90852-90867	3.3	27
197	Natural killer cells facilitate PRAME-specific T-cell reactivity against neuroblastoma. <i>Oncotarget</i> , 2015 , 6, 35770-81	3.3	27
196	Effect of antithymocyte globulin source on outcomes of bone marrow transplantation for severe aplastic anemia. <i>Haematologica</i> , 2017 , 102, 1291-1298	6.6	26
195	Peripheral neuropathy in metachromatic leukodystrophy: current status and future perspective. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 240	4.2	26
194	Antibacterial activity of antibiotic-soaked polyvinylpyrrolidone-grafted silicon elastomer hydrocephalus shunts. <i>Journal of Antimicrobial Chemotherapy</i> , 2000 , 45, 221-4	5.1	26
193	The influence of stem cell source on transplant outcomes for pediatric patients with acute myeloid leukemia. <i>Blood Advances</i> , 2019 , 3, 1118-1128	7.8	26
192	Adenovirus DNA positivity in nasopharyngeal aspirate preceding hematopoietic stem cell transplantation: a very strong risk factor for adenovirus DNAemia in pediatric patients. <i>Clinical Infectious Diseases</i> , 2009 , 49, 1536-9	11.6	25
191	Early and late outcomes after cord blood transplantation for pediatric patients with inherited leukodystrophies. <i>Blood Advances</i> , 2018 , 2, 49-60	7.8	25
190	Related and unrelated donor transplantation for β -thalassaemia major: results of an international survey. <i>Blood Advances</i> , 2019 , 3, 2562-2570	7.8	24

189	A risk factor analysis of outcomes after unrelated cord blood transplantation for children with Wiskott-Aldrich syndrome. <i>Haematologica</i> , 2017 , 102, 1112-1119	6.6	23
188	Hemorrhagic cystitis in a cohort of pediatric transplantations: incidence, treatment, outcome, and risk factors. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 1263-6	4.7	23
187	Fatal hemophagocytic lymphohistiocytosis in X-linked chronic granulomatous disease associated with a perforin gene variant. <i>Pediatric Blood and Cancer</i> , 2009 , 52, 527-9	3	23
186	Fludarabine exposure in the conditioning prior to allogeneic hematopoietic cell transplantation predicts outcomes. <i>Blood Advances</i> , 2019 , 3, 2179-2187	7.8	23
185	Nedd4-Binding Protein 1 and TNFAIP3-Interacting Protein 1 Control MHC-1 Display in Neuroblastoma. <i>Cancer Research</i> , 2018 , 78, 6621-6631	10.1	23
184	Neurodevelopmental Outcome after Hematopoietic Cell Transplantation in Inborn Errors of Metabolism: Current Considerations and Future Perspectives. <i>Neuropediatrics</i> , 2016 , 47, 285-92	1.6	22
183	Human herpes virus 6 reactivation: important predictor for poor outcome after myeloablative, but not non-myeloablative allo-SCT. <i>Bone Marrow Transplantation</i> , 2013 , 48, 1460-4	4.4	22
182	Pain: a prevalent feature in patients with mucopolysaccharidosis. Results of a cross-sectional national survey. <i>Journal of Inherited Metabolic Disease</i> , 2015 , 38, 323-31	5.4	22
181	Recurrent and opportunistic infections in children with primary intestinal lymphangiectasia. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007 , 44, 382-5	2.8	22
180	Population Pharmacokinetics of Fludarabine in Children and Adults during Conditioning Prior to Allogeneic Hematopoietic Cell Transplantation. <i>Clinical Pharmacokinetics</i> , 2019 , 58, 627-637	6.2	22
179	Metachromatic leukodystrophy and transplantation: remyelination, no cross-correction. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 169-180	5.3	21
178	Interleukin-1 receptor type I gene-deficient mice are less susceptible to <i>Staphylococcus epidermidis</i> biomaterial-associated infection than are wild-type mice. <i>Infection and Immunity</i> , 2000 , 68, 6924-31	3.7	21
177	Emerging trends in COVID-19 treatment: learning from inflammatory conditions associated with cellular therapies. <i>Cytotherapy</i> , 2020 , 22, 474-481	4.8	21
176	Enhanced susceptibility to subcutaneous abscess formation and persistent infection around catheters is associated with sustained interleukin-1beta levels. <i>Infection and Immunity</i> , 2000 , 68, 1692-5	3.7	20
175	Human herpesvirus 6 viremia affects T-cell reconstitution after allogeneic hematopoietic stem cell transplantation. <i>Blood Advances</i> , 2018 , 2, 428-432	7.8	20
174	Simultaneous quantification of busulfan, clofarabine and F-ARA-A using isotope labelled standards and standard addition in plasma by LC-MS/MS for exposure monitoring in hematopoietic cell transplantation conditioning. <i>Journal of Chromatography B: Analytical Technologies in the</i>	3.2	19
173	Population Pharmacokinetics of Alemtuzumab (Campath) in Pediatric Hematopoietic Cell Transplantation: Towards Individualized Dosing to Improve Outcome. <i>Clinical Pharmacokinetics</i> , 2019 , 58, 1609-1620	6.2	19
172	Cognate CD4 T-cell licensing of dendritic cells heralds anti-cytomegalovirus CD8 T-cell immunity after human allogeneic umbilical cord blood transplantation. <i>Journal of Virology</i> , 2015 , 89, 1058-69	6.6	19

171	Advances in unrelated and alternative donor hematopoietic cell transplantation for nonmalignant disorders. <i>Current Opinion in Pediatrics</i> , 2015 , 27, 9-17	3.2	18
170	Perioperative complications in patients diagnosed with mucopolysaccharidosis and the impact of enzyme replacement therapy followed by hematopoietic stem cell transplantation at early age. <i>Paediatric Anaesthesia</i> , 2014 , 24, 521-7	1.8	18
169	Choice of conditioning regimens for bone marrow transplantation in severe aplastic anemia. <i>Blood Advances</i> , 2019 , 3, 3123-3131	7.8	18
168	Sufficient Immunosuppression with Thymoglobulin Is Essential for a Successful Haplo-Myeloid Bridge in Haploidentical-Cord Blood Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 1839-45	4.7	17
167	Generation of a cord blood-derived Wilms Tumor 1 dendritic cell vaccine for AML patients treated with allogeneic cord blood transplantation. <i>OncImmunology</i> , 2015 , 4, e1023973	7.2	17
166	Comparison of pediatric allogeneic transplant outcomes using myeloablative busulfan with cyclophosphamide or fludarabine. <i>Blood Advances</i> , 2018 , 2, 1198-1206	7.8	17
165	Viral PCR positivity in stool before allogeneic hematopoietic cell transplantation is strongly associated with acute intestinal graft-versus-host disease. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 772-4	4.7	16
164	Harmonization of Busulfan Plasma Exposure Unit (BPEU): A Community-Initiated Consensus Statement. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1890-1897	4.7	15
163	A novel Fc γ RIIIa Q27W gene variant is associated with common variable immune deficiency through defective Fc γ RIIIa downstream signaling. <i>Clinical Immunology</i> , 2014 , 155, 108-117	9	15
162	Quality of life of Hurler syndrome patients after successful hematopoietic stem cell transplantation. <i>Blood Advances</i> , 2017 , 1, 2236-2242	7.8	14
161	Functional and genetic characterization of two extremely rare cases of Williams-Beuren syndrome associated with chronic granulomatous disease. <i>European Journal of Human Genetics</i> , 2013 , 21, 1079-84	5.3	14
160	Chromosomally integrated human herpesvirus 6: transmission via cord blood-derived unrelated hematopoietic stem cell transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2010 , 16, 130-2	4.7	14
159	Predicted Indirectly ReCognizable HLA Epitopes Class I Promote Antileukemia Responses after Cord Blood Transplantation: Indications for a Potential Novel Donor Selection Tool. <i>Biology of Blood and Marrow Transplantation</i> , 2016 , 22, 170-3	4.7	13
158	Breastfeeding, atopy, and asthma. <i>Lancet, The</i> , 2003 , 361, 174-5; author reply 175-6	4.0	13
157	Third party, umbilical cord blood derived regulatory T-cells for prevention of graft versus host disease in allogeneic hematopoietic stem cell transplantation: feasibility, safety and immune reconstitution. <i>Oncotarget</i> , 2018 , 9, 35611-35622	3.3	13
156	Challenges in the harmonization of immune monitoring studies and trial design for cell-based therapies in the context of hematopoietic cell transplantation for pediatric cancer patients. <i>Cytotherapy</i> , 2015 , 17, 1667-74	4.8	12
155	Quantitative MR spectroscopic imaging in metachromatic leukodystrophy: value for prognosis and treatment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 105-111	5.5	12
154	Allogeneic Hematopoietic Cell Transplantation in Patients Aged 50 Years or Older with Severe Aplastic Anemia. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 488-495	4.7	12

153	Filgrastim enhances T-cell clearance by antithymocyte globulin exposure after unrelated cord blood transplantation. <i>Blood Advances</i> , 2018 , 2, 565-574	7.8	12
152	Practice pattern changes and improvements in hematopoietic cell transplantation for primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 2004-2007	11.5	12
151	First analysis of human herpesvirus 6T-cell responses: specific boosting after HHV6 reactivation in stem cell transplantation recipients. <i>Clinical Immunology</i> , 2012 , 144, 179-89	9	11
150	Ocular complications in children within 1 year after hematopoietic stem cell transplantation. <i>JAMA Ophthalmology</i> , 2013 , 131, 470-5	3.9	11
149	Hematopoietic Stem- and Progenitor-Cell Gene Therapy for Hurler Syndrome. <i>New England Journal of Medicine</i> , 2021 , 385, 1929-1940	59.2	11
148	Leukemia-free survival in myeloid leukemia, but not in lymphoid leukemia, is predicted by early CD4+ reconstitution following unrelated cord blood transplantation in children: a multicenter retrospective cohort analysis. <i>Bone Marrow Transplantation</i> , 2016 , 51, 1376-1378	4.4	11
147	Innate Immune Recovery Predicts CD4 T Cell Reconstitution after Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 819-826	4.7	11
146	Standard Antithymocyte Globulin Dosing Results in Poorer Outcomes in Overexposed Patients after Ex Vivo CD34 Selected Allogeneic Hematopoietic Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2019 , 25, 1526-1535	4.7	10
145	Paediatric reduced intensity conditioning: analysis of centre strategies on regimens and definitions by the EBMT Paediatric Diseases and Complications and Quality of Life WP. <i>Bone Marrow Transplantation</i> , 2015 , 50, 592-7	4.4	10
144	Infection with a respiratory virus before hematopoietic cell transplantation is associated with alloimmune-mediated lung syndromes. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 697-703.e8	11.5	10
143	Individualized conditioning regimes in cord blood transplantation: Towards improved and predictable safety and efficacy. <i>Expert Opinion on Biological Therapy</i> , 2016 , 16, 801-13	5.4	10
142	Dendritic Cell Therapy in an Allogeneic-Hematopoietic Cell Transplantation Setting: An Effective Strategy toward Better Disease Control?. <i>Frontiers in Immunology</i> , 2014 , 5, 218	8.4	10
141	Predictors for Autoimmune Cytopenias after Allogeneic Hematopoietic Cell Transplantation in Children. <i>Biology of Blood and Marrow Transplantation</i> , 2020 , 26, 114-122	4.7	10
140	Epstein-Barr virus lymphoproliferative disease after solid organ transplantation. <i>Cytotherapy</i> , 2017 , 19, 1270-1283	4.8	9
139	Diffusion tensor imaging in metachromatic leukodystrophy. <i>Journal of Neurology</i> , 2018 , 265, 659-668	5.5	9
138	Strategies to Genetically Modulate Dendritic Cells to Potentiate Anti-Tumor Responses in Hematologic Malignancies. <i>Frontiers in Immunology</i> , 2018 , 9, 982	8.4	9
137	Bone-marrow transplantation in non-malignant disease. <i>Lancet, The</i> , 2009 , 374, 856-8	40	9
136	A dominant activating RAC2 variant associated with immunodeficiency and pulmonary disease. <i>Clinical Immunology</i> , 2020 , 212, 108248	9	9

135	Fine-Tuning Antithymocyte Globulin Dosing and Harmonizing Clinical Trial Design. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1175-1176	2.2	9
134	Will post-transplantation cell therapies for pediatric patients become standard of care?. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 402-11	4.7	8
133	Population pharmacokinetics of dimethylacetamide in children during standard and once-daily IV busulfan administration. <i>Cancer Chemotherapy and Pharmacology</i> , 2013 , 72, 1149-55	3.5	8
132	In vivo and in vitro palatability testing of a new paediatric formulation of valaciclovir. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 2789-2797	3.8	8
131	Changing winds in refractory autoimmune disease in children: clearing the road for tolerance with cellular therapies. <i>Current Opinion in Rheumatology</i> , 2012 , 24, 267-73	5.3	8
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