

# Willy A Flegel

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3176618/willy-a-flegel-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

237  
papers

6,158  
citations

47  
h-index

69  
g-index

254  
ext. papers

6,866  
ext. citations

3.6  
avg, IF

6.06  
L-index

#	Paper	IF	Citations
237	Molecular Basis of Weak D Phenotypes. <i>Blood</i> , <b>1999</b> , 93, 385-393	2.2	285
236	RHD gene deletion occurred in the Rhesus box. <i>Blood</i> , <b>2000</b> , 95, 3662-3668	2.2	268
235	RHD positive haplotypes in D negative Europeans. <i>BMC Genetics</i> , <b>2001</b> , 2, 10	2.6	235
234	Weak D alleles express distinct phenotypes. <i>Blood</i> , <b>2000</b> , 95, 2699-2708	2.2	185
233	Prevention of endotoxin-induced monokine release by human low- and high-density lipoproteins and by apolipoprotein A-I. <i>Infection and Immunity</i> , <b>1993</b> , 61, 5140-6	3.7	132
232	Norovirus gastroenteritis causes severe and lethal complications after chemotherapy and hematopoietic stem cell transplantation. <i>Blood</i> , <b>2011</b> , 117, 5850-6	2.2	123
231	Molecular genetics and clinical applications for RH. <i>Transfusion and Apheresis Science</i> , <b>2011</b> , 44, 81-91	2.4	119
230	It's time to phase in RHD genotyping for patients with a serologic weak D phenotype. College of American Pathologists Transfusion Medicine Resource Committee Work Group. <i>Transfusion</i> , <b>2015</b> , 55, 680-9	2.9	114
229	Six years' experience performing RHD genotyping to confirm D- red blood cell units in Germany for preventing anti-D immunizations. <i>Transfusion</i> , <b>2009</b> , 49, 465-71	2.9	99
228	RHD/CE typing by polymerase chain reaction using sequence-specific primers. <i>Transfusion</i> , <b>1997</b> , 37, 1020-6	2.9	96
227	PCR screening for common weak D types shows different distributions in three Central European populations. <i>Transfusion</i> , <b>2001</b> , 41, 45-52	2.9	90
226	How I manage donors and patients with a weak D phenotype. <i>Current Opinion in Hematology</i> , <b>2006</b> , 13, 476-83	3.3	89
225	Partial D, weak D types, and novel RHD alleles among 33,864 multiethnic patients: implications for anti-D alloimmunization and prevention. <i>Transfusion</i> , <b>2005</b> , 45, 1554-60	2.9	89
224	Does prolonged storage of red blood cells cause harm?. <i>British Journal of Haematology</i> , <b>2014</b> , 165, 3-16	4.5	83
223	Three Molecular Structures Cause Rhesus D Category VI Phenotypes With Distinct Immunohematologic Features. <i>Blood</i> , <b>1998</b> , 91, 2157-2168	2.2	82
222	An epidemiologic survey of human alveolar echinococcosis in southwestern Germany. Rherstein Study Group. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>1999</b> , 61, 566-73	3.2	80
221	Treatment Strategies for Deficiency of Adenosine Deaminase 2. <i>New England Journal of Medicine</i> , <b>2019</b> , 380, 1582-1584	59.2	77

220	Three Molecular Structures Cause Rhesus D Category VI Phenotypes With Distinct Immunohematologic Features. <i>Blood</i> , <b>1998</b> , 91, 2157-2168	2.2	76
219	The DAU allele cluster of the RHD gene. <i>Blood</i> , <b>2002</b> , 100, 306-11	2.2	72
218	The BloodGen project: toward mass-scale comprehensive genotyping of blood donors in the European Union and beyond. <i>Transfusion</i> , <b>2007</b> , 47, 40S-6S	2.9	70
217	RHD gene deletion occurred in the Rhesus box. <i>Blood</i> , <b>2000</b> , 95, 3662-8	2.2	69
216	International Society of Blood Transfusion Working Party on red cell immunogenetics and blood group terminology: Berlin report. <i>Vox Sanguinis</i> , <b>2011</b> , 101, 77-82	3.1	66
215	Rh phenotype prediction by DNA typing and its application to practice. <i>Transfusion Medicine</i> , <b>1998</b> , 8, 281-302	1.3	65
214	International Society of Blood Transfusion Committee on terminology for red blood cell surface antigens: Macao report. <i>Vox Sanguinis</i> , <b>2009</b> , 96, 153-6	3.1	62
213	Primary anti-D immunization by weak D type 2 RBCs. <i>Transfusion</i> , <b>2000</b> , 40, 428-34	2.9	62
212	Antibodies to high-frequency antigens may decrease the quality of transfusion support: an observational study. <i>Transfusion</i> , <b>2003</b> , 43, 1563-6	2.9	61
211	Transfusion-associated graft-versus-host disease: risk due to homozygous HLA haplotypes. <i>Transfusion</i> , <b>1995</b> , 35, 284-91	2.9	61
210	Molecular biology of partial D and weak D: implications for blood bank practice. <i>Clinical Laboratory</i> , <b>2002</b> , 48, 53-9	2	60
209	Molecular genetics of RH and its clinical application. <i>Transfusion Clinique Et Biologique</i> , <b>2006</b> , 13, 4-12	1.9	58
208	Applying molecular immunohematology discoveries to standards of practice in blood banks: now is the time. <i>Transfusion</i> , <b>2008</b> , 48, 2461-75	2.9	57
207	Dpbx, a new homeobox gene closely related to the human proto-oncogene pbx1 molecular structure and developmental expression. <i>Mechanisms of Development</i> , <b>1993</b> , 41, 155-61	1.7	56
206	Review: the molecular basis of the Rh blood group phenotypes. <i>Immunohematology</i> , <b>2020</b> , 20, 23-36	0.4	55
205	Low frequency of anti-D alloimmunization following D+ platelet transfusion: the Anti-D Alloimmunization after D-incompatible Platelet Transfusions (ADAPT) study. <i>British Journal of Haematology</i> , <b>2015</b> , 168, 598-603	4.5	54
204	Molecular basis of weak D phenotypes. <i>Blood</i> , <b>1999</b> , 93, 385-93	2.2	54
203	RHD allele distribution in Africans of Mali. <i>BMC Genetics</i> , <b>2003</b> , 4, 14	2.6	53

202	Section 1B: Rh flow cytometry. Coordinator's report. Rhesus index and antigen density: an analysis of the reproducibility of flow cytometric determination. <i>Transfusion Clinique Et Biologique</i> , <b>2002</b> , 9, 33-42	1.9	53
201	Polymorphism of the h allele and the population frequency of sporadic nonfunctional alleles. <i>Transfusion</i> , <b>1997</b> , 37, 284-90	2.9	52
200	Implementing mass-scale red cell genotyping at a blood center. <i>Transfusion</i> , <b>2015</b> , 55, 2610-5; quiz 2609	2.9	51
199	A practical strategy to reduce the risk of passive hemolysis by screening plateletpheresis donors for high-titer ABO antibodies. <i>Transfusion</i> , <b>2011</b> , 51, 92-6	2.9	51
198	An easy RHD genotyping strategy for D- East Asian persons applied to Korean blood donors. <i>Transfusion</i> , <b>2006</b> , 46, 2128-37	2.9	51
197	Integration of red cell genotyping into the blood supply chain: a population-based study. <i>Lancet Haematology</i> , <b>2015</b> , 2, e282-9	14.6	49
196	The Rhesus Site. <i>Transfusion Medicine and Hemotherapy</i> , <b>2014</b> , 41, 357-63	4.2	48
195	DNB: a partial D with anti-D frequent in Central Europe. <i>Blood</i> , <b>2002</b> , 100, 2253-6	2.2	48
194	Weak D alleles express distinct phenotypes. <i>Blood</i> , <b>2000</b> , 95, 2699-708	2.2	48
193	International society of blood transfusion working party on red cell immunogenetics and terminology: report of the Seoul and London meetings. <i>ISBT Science Series</i> , <b>2016</b> , 11, 118-122	1.1	47
192	Pathogenesis and mechanisms of antibody-mediated hemolysis. <i>Transfusion</i> , <b>2015</b> , 55 Suppl 2, S47-58	2.9	47
191	Random survey for RHD alleles among D+ European persons. <i>Transfusion</i> , <b>2005</b> , 45, 1183-91	2.9	47
190	Review: the molecular basis of the Rh blood group phenotypes. <i>Immunohematology</i> , <b>2004</b> , 20, 23-36	0.4	47
189	Integrating pharmacogenetic information and clinical decision support into the electronic health record. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2014</b> , 21, 522-8	8.6	46
188	Serological weak D phenotypes: a review and guidance for interpreting the RhD blood type using the RHD genotype. <i>British Journal of Haematology</i> , <b>2017</b> , 179, 10-19	4.5	45
187	International Society of Blood Transfusion Committee on Terminology for Red Cell Surface Antigens: Cape Town report. <i>Vox Sanguinis</i> , <b>2007</b> , 92, 250-3	3.1	45
186	International Society of Blood Transfusion Working Party on red cell immunogenetics and blood group terminology: Cancun report (2012). <i>Vox Sanguinis</i> , <b>2014</b> , 107, 90-6	3.1	44
185	The Bloodgen Project of the European Union, 2003-2009. <i>Transfusion Medicine and Hemotherapy</i> , <b>2009</b> , 36, 162-167	4.2	44

184	Donors with a rare pheno (geno) type. <i>Vox Sanguinis</i> , <b>2008</b> , 95, 236-53	3.1	44
183	Scianna antigens including Rd are expressed by ERMAP. <i>Blood</i> , <b>2003</b> , 101, 752-7	2.2	44
182	International Society of Blood Transfusion Working Party on Red Cell Immunogenetics and Blood Group Terminology: Report of the Dubai, Copenhagen and Toronto meetings. <i>Vox Sanguinis</i> , <b>2019</b> , 114, 95-102	3.1	44
181	Blood group genotyping in Germany. <i>Transfusion</i> , <b>2007</b> , 47, 47S-53S	2.9	40
180	The RHCE allele ceRT: D epitope 6 expression does not require D-specific amino acids. <i>Transfusion</i> , <b>2003</b> , 43, 1248-54	2.9	40
179	CDw 60 antibodies bind to acetylated forms of ganglioside GD3. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 187, 1343-9	3.4	40
178	Genetic mechanisms of Rhesus box variation. <i>Transfusion</i> , <b>2005</b> , 45, 338-44	2.9	39
177	The genetics of the Rhesus blood group system. <i>Blood Transfusion</i> , <b>2007</b> , 5, 50-7	3.6	37
176	Molecular basis of the D variant phenotypes DNU and DII allows localization of critical amino acids required for expression of Rh D epitopes epD3, 4 and 9 to the sixth external domain of the Rh D protein. <i>British Journal of Haematology</i> , <b>1997</b> , 97, 366-71	4.5	34
175	D variants at the RhD vestibule in the weak D type 4 and Eurasian D clusters. <i>Transfusion</i> , <b>2009</b> , 49, 1059-69	3.6	33
174	RHCE represents the ancestral RH position, while RHD is the duplicated gene. <i>Blood</i> , <b>2002</b> , 99, 2272-3	2.2	33
173	Low density lipoproteins inhibit endotoxin activation of monocytes. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , <b>1992</b> , 12, 341-7		32
172	RH genotyping in a sickle cell disease patient contributing to hematopoietic stem cell transplantation donor selection and management. <i>Blood</i> , <b>2010</b> , 116, 2836-8	2.2	31
171	Low cytokine contamination in buffy coat-derived platelet concentrates without filtration. <i>Transfusion</i> , <b>1995</b> , 35, 917-20	2.9	31
170	Frequencies of the blood groups ABO, Rhesus, D category VI, Kell, and of clinically relevant high-frequency antigens in south-western Germany. <i>Transfusion Medicine and Hemotherapy</i> , <b>1995</b> , 22, 285-90	4.2	30
169	Homing in on D antigen immunogenicity. <i>Transfusion</i> , <b>2005</b> , 45, 466-8	2.9	29
168	DARC alleles and Duffy phenotypes in African Americans. <i>Transfusion</i> , <b>2012</b> , 52, 1260-7	2.9	28
167	Outliers in RhD membrane integration are explained by variant RH haplotypes. <i>Transfusion</i> , <b>2006</b> , 46, 1343-51	2.9	28

166	Red blood cell preservation by droplet freezing with polyvinylpyrrolidone or sucrose-dextrose and by bulk freezing with glycerol. <i>Transfusion</i> , <b>2011</b> , 51, 2703-8	2.9	27
165	On the complexity of D antigen typing: a handy decision tree in the age of molecular blood group diagnostics. <i>Journal of Obstetrics and Gynaecology Canada</i> , <b>2007</b> , 29, 746-52	1.3	27
164	The RHCE allele ceCF: the molecular basis of Crawford (RH43). <i>Transfusion</i> , <b>2006</b> , 46, 1334-42	2.9	27
163	Red Blood Cell Transfusion: Precision vs Imprecision Medicine. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 314, 1557-8	27.4	26
162	Expression of blood group genes by mesenchymal stem cells. <i>British Journal of Haematology</i> , <b>2011</b> , 153, 520-8	4.5	26
161	Paroxysmal nocturnal haemoglobinuria treatment with eculizumab is associated with a positive direct antiglobulin test. <i>Vox Sanguinis</i> , <b>2012</b> , 102, 159-66	3.1	25
160	Recommendations for transfusion in ABO-incompatible hematopoietic stem cell transplantation. <i>Transfusion</i> , <b>2012</b> , 52, 456-8	2.9	24
159	An AQP1 null allele in an Indian woman with Co(a-b-) phenotype and high-titer anti-Co3 associated with mild HDN. <i>Transfusion</i> , <b>2001</b> , 41, 1273-8	2.9	23
158	Molecular Basis of Weak D Phenotypes. <i>Blood</i> , <b>1999</b> , 93, 385-393	2.2	22
157	Applying molecular immunohaematology to regularly transfused thalassaemic patients in Thailand. <i>Blood Transfusion</i> , <b>2014</b> , 12, 28-35	3.6	22
156	Persistence of recipient human leucocyte antigen (HLA) antibodies and production of donor HLA antibodies following reduced intensity allogeneic haematopoietic stem cell transplantation. <i>British Journal of Haematology</i> , <b>2014</b> , 166, 425-34	4.5	21
155	The RHCE allele ceSL: the second example for D antigen expression without D-specific amino acids. <i>Transfusion</i> , <b>2006</b> , 46, 766-72	2.9	21
154	A new blood group antigen is defined by anti-CD59, detected in a CD59-deficient patient. <i>Transfusion</i> , <b>2014</b> , 54, 1817-22	2.9	20
153	Blood group A: an overseen risk factor for early-onset ovarian hyperstimulation syndrome?. <i>Reproductive BioMedicine Online</i> , <b>2008</b> , 17, 185-9	4	20
152	Histo-blood group antigens as allo- and autoantigens. <i>Annals of the New York Academy of Sciences</i> , <b>2005</b> , 1050, 40-51	6.5	20
151	Weak D type 1.1 exemplifies another complexity in weak D genotyping. <i>Transfusion</i> , <b>2005</b> , 45, 1568-73	2.9	20
150	RHD epitope density profiles of RHD variant red cells analyzed by flow cytometry. <i>Transfusion Clinique Et Biologique</i> , <b>1996</b> , 3, 429-31	1.9	20
149	The effect of cigarette smoking on the clinical and serological phenotypes of polymyositis and dermatomyositis. <i>Seminars in Arthritis and Rheumatism</i> , <b>2018</b> , 48, 504-512	5.3	19

148	The deficiency of adenosine deaminase type 2-results of therapeutic intervention. <i>Pediatric Rheumatology</i> , <b>2015</b> , 13,	3.5	19
147	RhCE protein variants in Southwestern Germany detected by serologic routine testing. <i>Transfusion</i> , <b>2009</b> , 49, 1793-802	2.9	19
146	SCER and SCAN: two novel high-prevalence antigens in the Scianna blood group system. <i>Transfusion</i> , <b>2005</b> , 45, 1940-4	2.9	19
145	Analyses of genome wide association data, cytokines, and gene expression in African-Americans with benign ethnic neutropenia. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194400	3.7	19
144	Easy identification of antibodies to high-prevalence Scianna antigens and detection of admixed alloantibodies using soluble recombinant Scianna protein. <i>Transfusion</i> , <b>2009</b> , 49, 2090-6	2.9	18
143	A new h allele detected in Europe has a missense mutation in alpha(1,2)-fucosyltransferase motif II. <i>Transfusion</i> , <b>2001</b> , 41, 31-8	2.9	18
142	Predicting a donor's likelihood of donating within a preselected time interval. <i>Transfusion Medicine</i> , <b>2000</b> , 10, 181-92	1.3	18
141	Three molecular structures cause rhesus D category VI phenotypes with distinct immunohematologic features. <i>Blood</i> , <b>1998</b> , 91, 2157-68	2.2	18
140	Frequencies of SLC44A2 alleles encoding human neutrophil antigen-3 variants in the African American population. <i>Transfusion</i> , <b>2012</b> , 52, 1106-11	2.9	17
139	Peripheral blood stem cell transplant-related Plasmodium falciparum infection in a patient with sickle cell disease. <i>Transfusion</i> , <b>2012</b> , 52, 2677-82	2.9	17
138	Association of blood group A with early-onset ovarian hyperstimulation syndrome. <i>Transfusion Clinique Et Biologique</i> , <b>2008</b> , 15, 395-401	1.9	17
137	A D(V)-like phenotype is obliterated by A226P in the partial D DBS. <i>Transfusion</i> , <b>2001</b> , 41, 1052-8	2.9	17
136	DEL phenotype. <i>Immunoematology</i> , <b>2019</b> , 33, 125-132	0.4	17
135	The D category VI type 4 allele is prevalent in the Spanish population. <i>Transfusion</i> , <b>2006</b> , 46, 616-23	2.9	16
134	In-frame triplet deletions in RHD alter the D antigen phenotype. <i>Transfusion</i> , <b>2006</b> , 46, 2156-61	2.9	16
133	IVS5-38del4 deletion in the RHD gene does not cause a DEL phenotype: relevance for RHD alleles including DFR-3. <i>Transfusion</i> , <b>2007</b> , 47, 1552-5	2.9	15
132	Tissue distribution of blood group membrane proteins beyond red cells: evidence from cDNA libraries. <i>Transfusion and Apheresis Science</i> , <b>2006</b> , 35, 71-82	2.4	15
131	It's time to phase out "serologic weak D phenotype" and resolve D types with RHD genotyping including weak D type 4. <i>Transfusion</i> , <b>2020</b> , 60, 855-859	2.9	14

130	Pharmacogenomics Implementation at the National Institutes of Health Clinical Center. <i>Journal of Clinical Pharmacology</i> , <b>2017</b> , 57 Suppl 10, S67-S77	2.9	14
129	Immunohaematological complications in patients with sickle cell disease after haemopoietic progenitor cell transplantation: a prospective, single-centre, observational study. <i>Lancet Haematology, the</i> , <b>2017</b> , 4, e553-e561	14.6	14
128	The DAU cluster: a comparative analysis of 18 RHD alleles, some forming partial D antigens. <i>Transfusion</i> , <b>2016</b> , 56, 2520-2531	2.9	13
127	DCS-1, DCS-2, and DFV share amino acid substitutions at the extracellular RhD protein vestibule. <i>Transfusion</i> , <b>2008</b> , 48, 25-33	2.9	13
126	Zinc status in patients with alveolar echinococcosis is related to disease progression. <i>Parasite Immunology</i> , <b>1999</b> , 21, 237-41	2.2	13
125	Transfusion strategy for weak D Type 4.0 based on RHD alleles and RH haplotypes in Tunisia. <i>Transfusion</i> , <b>2018</b> , 58, 306-312	2.9	13
124	D category IV: a group of clinically relevant and phylogenetically diverse partial D. <i>Transfusion</i> , <b>2013</b> , 53, 2960-73	2.9	11
123	Organization and management of an accredited specialist in blood bank (SBB) technology program. <i>Transfusion</i> , <b>2010</b> , 50, 1612-7	2.9	11
122	DEL phenotype. <i>Immunoematology</i> , <b>2017</b> , 33, 125-132	0.4	11
121	Matching for the D antigen in haematopoietic progenitor cell transplantation: definition and clinical outcomes. <i>Blood Transfusion</i> , <b>2014</b> , 12, 301-6	3.6	11
120	Scianna: the lucky 13th blood group system. <i>Immunoematology</i> , <b>2019</b> , 27, 41-57	0.4	11
119	Long-term immunosuppression after solitary islet transplantation is associated with preserved C-peptide secretion for more than a decade. <i>American Journal of Transplantation</i> , <b>2015</b> , 15, 2995-3001	8.7	10
118	Successful hematopoietic stem-cell transplantation in a patient with chronic granulomatous disease and McLeod phenotype sensitized to Kx and K antigens. <i>Bone Marrow Transplantation</i> , <b>2010</b> , 45, 209-11	4.4	10
117	Histoblood groups other than HLA in organ transplantation. <i>Transplantation Proceedings</i> , <b>2007</b> , 39, 64-8	1.1	10
116	RHD antigen density and agglutination in RHD variant red cells. <i>Transfusion Clinique Et Biologique</i> , <b>1996</b> , 3, 385-6	1.9	10
115	RHD Genotyping of Blood Donors May Avoid Anti-D Immunization.. <i>Blood</i> , <b>2004</b> , 104, 2706-2706	2.2	10
114	Full-length nucleotide sequence of ERMAP alleles encoding Scianna (SC) antigens. <i>Transfusion</i> , <b>2016</b> , 56, 3047-3054	2.9	9
113	Rare gems: null phenotypes of blood groups. <i>Blood Transfusion</i> , <b>2010</b> , 8, 2-4	3.6	9



112	Scianna: the lucky 13th blood group system. <i>Immunohematology</i> , <b>2011</b> , 27, 41-57	0.4	9
111	Long-range haplotype analysis of the malaria parasite receptor gene in an East-African population. <i>Human Genome Variation</i> , <b>2018</b> , 5, 26	1.8	9
110	Molecular genetics of RH. <i>Vox Sanguinis</i> , <b>2000</b> , 78 Suppl 2, 109-15	3.1	9
109	Spray: single-donor plasma product for room temperature storage. <i>Transfusion</i> , <b>2012</b> , 52, 828-33	2.9	8
108	RHD variants in Polish blood donors routinely typed as D-. <i>Transfusion</i> , <b>2013</b> , 53, 2945-53	2.9	8
107	Red cell genotyping precision medicine: a conference summary. <i>Therapeutic Advances in Hematology</i> , <b>2017</b> , 8, 277-291	5.7	8
106	The above letter was also sent to Dr Flegel: Dr Flegel offered the following reply. <i>Transfusion</i> , <b>2006</b> , 46, 1063-1064	2.9	7
105	COVID-19 antibody screening with SARS-CoV-2 red cell codeocytes using routine serologic diagnostic platforms. <i>Transfusion</i> , <b>2021</b> , 61, 1171-1180	2.9	7
104	A pilot trial of complement inhibition using eculizumab to overcome platelet transfusion refractoriness in human leukocyte antigen allo-immunized patients. <i>British Journal of Haematology</i> , <b>2020</b> , 189, 551-558	4.5	6
103	Allo- and autoanti-D in weak D types and in partial D. <i>Transfusion</i> , <b>2012</b> , 52, 2067-9; author reply 2070	2.9	6
102	Codon usage in vertebrates is associated with a low risk of acquiring nonsense mutations. <i>Journal of Translational Medicine</i> , <b>2011</b> , 9, 87	8.5	6
101	Comparison of solid-phase antibody screening tests with pooled red cells in blood donors. <i>Vox Sanguinis</i> , <b>1996</b> , 71, 37-42	3.1	6
100	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Boston 2012. <i>Blood Transfusion</i> , <b>2014</b> , 12, 280-6	3.6	6
99	Inhibition of blood group antibodies by soluble substances. <i>Immunohematology</i> , <b>2019</b> , 35, 19-22	0.4	6
98	Inhibition of blood group antibodies by soluble substances. <i>Immunohematology</i> , <b>2020</b> , 35, 19-22	0.4	6
97	Preventing transfusion-associated graft-versus-host disease with blood component irradiation: indispensable guidance for a deadly disorder. <i>British Journal of Haematology</i> , <b>2020</b> , 191, 653-657	4.5	6
96	Full-length nucleotide sequences of 30 common SLC44A2 alleles encoding human neutrophil antigen-3. <i>Transfusion</i> , <b>2016</b> , 56, 729-36	2.9	6
95	Two large deletions extending beyond either end of the RHD gene and their red cell phenotypes. <i>Journal of Human Genetics</i> , <b>2018</b> , 63, 27-35	4.3	6

94	Molecular typing for blood group antigens within 40 min by direct polymerase chain reaction from plasma or serum. <i>British Journal of Haematology</i> , <b>2017</b> , 176, 814-821	4.5	5
93	Genotype frequency of human neutrophil antigen-3 polymorphisms in the Yi, Han, and Tibetan populations of China. <i>Transfusion</i> , <b>2016</b> , 56, 737-42	2.9	5
92	Genetic variation of the whole ICAM4 gene in Caucasians and African Americans. <i>Transfusion</i> , <b>2014</b> , 54, 2315-24	2.9	5
91	External quality assessment in molecular immunohematology: the INSTAND proficiency test program. <i>Transfusion</i> , <b>2013</b> , 53, 2850-8	2.9	5
90	Immunogenicity reloaded. <i>Blood</i> , <b>2009</b> , 114, 3979-80	2.2	5
89	Quality improvement with platelet additive solution for safer out-of-group platelet transfusions. <i>Immunohematology</i> , <b>2019</b> , 35, 108-115	0.4	5
88	ABO, Rhesus, and Kell Antigens, Alleles, and Haplotypes in West Bengal, India. <i>Transfusion Medicine and Hemotherapy</i> , <b>2018</b> , 45, 62-66	4.2	5
87	Can anti-A cause hemolysis?. <i>Transfusion</i> , <b>2018</b> , 58, 3036-3037	2.9	5
86	Acanthocytes in the McLeod phenotype of X-linked chronic granulomatous disease. <i>Transfusion</i> , <b>2017</b> , 57, 2307-2308	2.9	4
85	Validated Reference Panel from Renewable Source of Genomic DNA Available for Standardization of Blood Group Genotyping. <i>Journal of Molecular Diagnostics</i> , <b>2019</b> , 21, 525-537	5.1	4
84	COVID-19 insights from transfusion medicine. <i>British Journal of Haematology</i> , <b>2020</b> , 190, 715-717	4.5	4
83	Erythrocyte membrane antigen frequencies in patients with Type II congenital smell loss. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2015</b> , 36, 146-52	2.8	4
82	Transfusion medicine illustrated: Muddy waters in therapeutic plasma exchange. <i>Transfusion</i> , <b>2014</b> , 54, 2157	2.9	4
81	Genotyping of Red Blood Cell, Granulocyte and Platelet Antigens: Current Applications in the German-Speaking Countries <b>2008</b> , 189-198		4
80	Will MICA glitter for recipients of kidney transplants?. <i>New England Journal of Medicine</i> , <b>2007</b> , 357, 1337-9	3.2	4
79	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Denver 2013. <i>Blood Transfusion</i> , <b>2015</b> , 13, 514-20	3.6	4
78	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Anaheim 2015. <i>Blood Transfusion</i> , <b>2016</b> , 14, 557-565	3.6	4
77	HLA associations, somatic loss of HLA expression, and clinical outcomes in immune aplastic anemia. <i>Blood</i> , <b>2021</b> ,	2.2	4

76	Recommendation for validation and quality assurance of non-invasive prenatal testing for foetal blood groups and implications for IVD risk classification according to EU regulations. <i>Vox Sanguinis</i> , <b>2021</b> ,	3.1	4
75	A genetic marker of the ACKR1 gene is present in patients with Type II congenital smell loss who have type I hyposmia and hypogeusia. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , <b>2016</b> , 37, 484-489	2.8	3
74	Critical Value Reporting in Transfusion Medicine: A Survey of Communication Practices in US Facilities. <i>American Journal of Clinical Pathology</i> , <b>2017</b> , 147, 492-499	1.9	3
73	Molecular basis of two novel and related high-prevalence antigens in the Kell blood group system, KUCI and KANT, and their serologic and spatial association with K11 and KETI. <i>Transfusion</i> , <b>2013</b> , 53, 2872-81	2.9	3
72	Specific amino acid substitutions cause distinct expression of JAL (RH48) and JAHK (RH53) antigens in RhCE and not in RhD. <i>Transfusion</i> , <b>2010</b> , 50, 267-9	2.9	3
71	Completely converting a national blood supply to the use of safer plasma. <i>Transfusion</i> , <b>2001</b> , 41, 1172-3	2.9	3
70	Stimulation of human T cells via anti-T cell receptor monoclonal antibody BMA031: distinct cellular events involving interleukin-2 receptor and lymphocyte function antigen 1. <i>Cellular Immunology</i> , <b>1991</b> , 138, 150-64	4.4	3
69	Lipopolysaccharide (LPS)-free conditions allow growth and purification of postnatal brain macrophages (microglia). <i>Journal of Immunological Methods</i> , <b>1989</b> , 116, 147	2.5	3
68	COVID-19: risk of infection is high, independently of ABO blood group. <i>Haematologica</i> , <b>2020</b> , 105, 2706-2708	2.7	3
67	SNP Genotyping and LD Testing in ERMAP: Revealing Scianna Blood Group Diversity in NIH Blood Donors. <i>Blood</i> , <b>2011</b> , 118, 2322-2322	2.2	3
66	How we evaluate red blood cell compatibility and transfusion support for patients with sickle cell disease undergoing hematopoietic progenitor cell transplantation. <i>Transfusion</i> , <b>2018</b> , 58, 2483-2489	2.9	3
65	Flashback 1997: collection of hematopoietic progenitor cells by peripheral blood apheresis after stimulation with granulocyte-colony-stimulating factor. <i>Transfusion</i> , <b>2017</b> , 57, 3067-3068	2.9	2
64	Molecular analysis of the ICAM4 gene in an autochthonous East African population. <i>Transfusion</i> , <b>2019</b> , 59, 1880-1881	2.9	2
63	How do you decide which platelet bacterial risk mitigation strategy to select for your hospital-based transfusion service?. <i>Transfusion</i> , <b>2020</b> , 60, 675-681	2.9	2
62	Red blood cell sedimentation of Apheresis Granulocytes. <i>Transfusion</i> , <b>2017</b> , 57, 2551-2552	2.9	2
61	Transfusion of fresh vs. older red blood cells in the context of infection. <i>ISBT Science Series</i> , <b>2015</b> , 10, 275-285	1.1	2
60	The role of lipoproteins in the inactivation of endotoxin by serum. <i>Transfusion Medicine and Hemotherapy</i> , <b>1992</b> , 19, 202-3	4.2	2
59	Excellent Engraftment and Long-Term Survival in Patients with Severe Aplastic Anemia (SAA) Undergoing Allogeneic Hematopoietic Stem Cell Transplantation (HSCT) with Haplo-Identical CD34+ Cells Combined with a Single Umbilical Cord Blood Unit. <i>Blood</i> , <b>2015</b> , 126, 5516-5516	2.2	2

58	A rewarding fresh look at routine blood group data. <i>Blood Transfusion</i> , <b>2008</b> , 6, 182-3	3.6	2
57	Two molecular polymorphisms to detect the (C)ce(s) type 1 haplotype. <i>Blood Transfusion</i> , <b>2014</b> , 12, 136-7	3.6	2
56	An update on the Scianna blood group system. <i>Immunoematology</i> , <b>2019</b> , 35, 48-50	0.4	2
55	Anti-D immunization rates may exceed 50% in many clinically relevant settings, despite varying widely among patient cohorts. <i>Transfusion</i> , <b>2020</b> , 60, 1109-1110	2.9	2
54	Frameshift variations in the RHD coding sequence: Molecular mechanisms permitting protein expression. <i>Transfusion</i> , <b>2020</b> , 60, 2737-2744	2.9	2
53	Combined haploidentical and cord blood transplantation for refractory severe aplastic anaemia and hypoplastic myelodysplastic syndrome. <i>British Journal of Haematology</i> , <b>2021</b> , 193, 951-960	4.5	2
52	Zur klinischen Bedeutung des Antigen D und seiner Varianten. <i>Transfusionsmedizin &amp; Immunhämatologie Hämotherapie Transplantationsimmunologie Zelltherapie</i> , <b>2016</b> , 6, 57-64	0.1	2
51	The phylogeny of 48 alleles, experimentally verified at 21kb, and its application to clinical allele detection. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 43	8.5	2
50	Pharmacogenomics with red cells: a model to study protein variants of drug transporter genes. <i>Vox Sanguinis</i> , <b>2021</b> , 116, 141-154	3.1	2
49	SCAR: The high-prevalence antigen 013.008 in the Scianna blood group system. <i>Transfusion</i> , <b>2021</b> , 61, 246-254	2.9	2
48	Transfusion support during childbirth for a woman with anti-U and the allele. <i>Immunoematology</i> , <b>2021</b> , 37, 1-4	0.4	2
47	Erytra Blood Group Analyser and Kode Technology testing of SARS-CoV-2 antibodies among convalescent patients and vaccinated individuals <b>2021</b> ,		2
46	Does transfusion of Asian-type DEL red blood cells to D- recipients cause D alloimmunization?. <i>Transfusion</i> , <b>2019</b> , 59, 2455-2458	2.9	1
45	Transfused neutrophils home to a joint with fungal infection. <i>Transfusion</i> , <b>2016</b> , 56, 2655-2656	2.9	1
44	HNA-3a and HNA-3b antigens among 9 ethnic populations and the Han population in Southwest China. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 67	8.5	1
43	Transfusion Clips: a new section for TRANSFUSION. <i>Transfusion</i> , <b>2012</b> , 52, 1168	2.9	1
42	Serologic and molecular characterization of weak D type 29. <i>Transfusion</i> , <b>2017</b> , 57, 2542-2544	2.9	1
41	Coordinator's report: complement regulatory proteins. <i>Transfusion Clinique Et Biologique</i> , <b>1997</b> , 4, 117-9	1.9	1

40	Results of the DGTI workshop on the evaluation of the reactivity of monoclonal anti-D. <i>Beiträge Zur Infusionstherapie = Contributions To Infusion Therapy</i> , <b>1992</b> , 30, 382-7		1
39	Complement Inhibition Using Eculizumab Overcomes Platelet Transfusion Refractoriness in Allo-Immunized Patients Receiving HLA Mismatched Platelets. <i>Blood</i> , <b>2016</b> , 128, 3840-3840	2.2	1
38	Molecular immunohaematology round table discussions at the AABB Annual Meeting, Orlando 2016. <i>Blood Transfusion</i> , <b>2018</b> , 16, 447-456	3.6	1
37	DEL in China: the D antigen among serologic RhD-negative individuals. <i>Journal of Translational Medicine</i> , <b>2021</b> , 19, 439	8.5	1
36	Rapid Engraftment and Immune Recovery in Treatment Refractory Severe Aplastic Anemia Patients Undergoing Ex Vivo Nicotinamide-Expanded (NAM-Expanded) Unrelated Cord Blood Transplantation. <i>Blood</i> , <b>2018</b> , 132, 5789-5789	2.2	1
35	Blutgruppen: Alloantigene auf Erythrozyten <b>2010</b> , 133-168		1
34	NG_007494.1(RHD):c.[4A>T;5G>C;6_7insG] with an RhD-negative phenotype. <i>Transfusion</i> , <b>2020</b> , 60, E45-E47		1
33	ACKR1 Alleles at 5.6 kb in a Well-Characterized Renewable US Food and Drug Administration (FDA) Reference Panel for Standardization of Blood Group Genotyping. <i>Journal of Molecular Diagnostics</i> , <b>2020</b> , 22, 1272-1279	5.1	1
32	The impact of pre-existing HLA and red blood cell antibodies on transfusion support and engraftment in sickle cell disease after nonmyeloablative hematopoietic stem cell transplantation from HLA-matched sibling donors: A prospective, single-center, observational study. <i>Clinical Medicine</i> <b>2020</b> , 24, 100432	11.3	1
31	Rebound and overshoot of donor-specific antibodies to human leukocyte antigens (HLA) during desensitization with plasma exchanges in hematopoietic progenitor cell transplantation: A case report. <i>Transfusion</i> , <b>2021</b> , 61, 1980-1986	2.9	1
30	Cataloguing experimentally confirmed 80.7kb-long ACKR1 haplotypes from the 1000 Genomes Project database. <i>BMC Bioinformatics</i> , <b>2021</b> , 22, 273	3.6	1
29	When recombinant proteins can replace rare red cells in immunohematology workups. <i>Transfusion</i> , <b>2021</b> , 61, 2204-2212	2.9	1
28	COVID-19 antibody detection and assay performance using red cell agglutination		1
27	Red Cell Transfusions in the Genomics Era. <i>Seminars in Hematology</i> , <b>2019</b> , 56, 236-240	4	1
26	A null allele caused by a four-base-pair duplication within the RHCE gene encoding a D- - phenotype. <i>Transfusion</i> , <b>2021</b> , 61, E23-E25	2.9	1
25	Modern Rhesus (Rh) typing in transfusion and pregnancy. <i>Cmaj</i> , <b>2021</b> , 193, E124	3.5	1
24	Two distinct RHCE alleles in cis to weak D type 31 alleles in individuals from different ethnicities. <i>Transfusion</i> , <b>2018</b> , 58, 2465-2466	2.9	1
23	A practical and effective strategy in East Asia to prevent anti-D alloimmunization in patients by C/c phenotyping of serologic RhD-negative blood donors. <i>EJHaem</i> ,	0.9	1

22	COVID-19 Antibody Detection and Assay Performance Using Red Cell Agglutination. <i>Microbiology Spectrum</i> , <b>2021</b> , e0083021	8.9	1
21	Leukocyte depletion of red cell components prevents exposure of transfusion recipients to neutrophil elastase. <i>Vox Sanguinis</i> , <b>2000</b> , 78, 19-27	3.1	1
20	A resource-conserving serologic and highthroughput molecular approach to screen for blood donors with an IN:5 phenotype. <i>Immunohematology</i> , <b>2020</b> , 36, 129-132	0.4	0
19	Erytra blood group analyser and kode technology testing of SARS-CoV-2 antibodies among convalescent patients and vaccinated individuals.. <i>EJHaem</i> , <b>2022</b> , 3, 72-79	0.9	0
18	Red cell alloimmunisation: incidence and prevention. <i>Lancet Haematology,the</i> , <b>2016</b> , 3, e260-1	14.6	0
17	Group O plasma as a media supplement for CAR-T cells and other adoptive T-cell therapies. <i>Transfusion</i> , <b>2020</b> , 60, 1004-1014	2.9	
16	Quality of platelet concentrates. <i>Transfusion</i> , <b>1998</b> , 38, 799-800	2.9	
15	Results of the DGTI workshop on the evaluation of the reactivity of monoclonal anti-D. <i>Transfusion Medicine and Hemotherapy</i> , <b>1992</b> , 19, 12-6	4.2	
14	Immune Hemolysis after a Hematopoietic Progenitor Cell Transplantation for Sickle Cell Disease: A Case Report. <i>Blood</i> , <b>2020</b> , 136, 20-21	2.2	
13	Rapid Engraftment, Immune Recovery, and Resolution of Transfusion Dependence in Treatment-Refractory Severe Aplastic Anemia Following Transplantation with Ex Vivo Expanded Umbilical Cord Blood (Omidubicel). <i>Blood</i> , <b>2020</b> , 136, 37-38	2.2	
12	An outcome-based review of an accredited Specialist in Blood Banking (SBB) program: 25 years and counting. <i>Immunohematology</i> , <b>2020</b> , 36, 7-13	0.4	
11	NM_000148.4(FUT1):c.[229C>T;302C>T] with 2 missense variations in the FUT1 gene associated with a para-Bombay phenotype. <i>Transfusion</i> , <b>2021</b> , 62, E5	2.9	
10	COVID-19 Antibody Detection and Assay Performance Using Red Cell Agglutination. <i>Blood</i> , <b>2021</b> , 138, 1878-1878	2.2	
9	Medizinisch-naturwissenschaftliche Grundlagen <b>2002</b> , 87-98		
8	Blutgruppen: Alloantigene auf Erythrozyten <b>2004</b> , 145-185		
7	Rhesus Box Variation: Multiple RHD Deletion Events and Implications for Testing RHD Heterozygosity.. <i>Blood</i> , <b>2004</b> , 104, 2705-2705	2.2	
6	Spectrum and Clinical Significance of HLA Class I Alleles and Their Somatic Mutations in Immune Aplastic Anemia. <i>Blood</i> , <b>2019</b> , 134, 3738-3738	2.2	
5	Immunohematologic Complications after Nonmyeloablative Hematopoietic Progenitor Cell Transplantation in Patients with Sickle Cell Disease. <i>Blood</i> , <b>2016</b> , 128, 3404-3404	2.2	

4	HLA Alloantibody Persistence and De Novo Production of HLA Alloantibodies of Donor Origin Following Reduced Intensity Allogeneic Hematopoietic Stem Cell Transplantation.. <i>Blood</i> , <b>2010</b> , 116, 1109-1109	2.2
3	Minor Histocompatibility Antigen Mismatch and Incidence of Graft Versus Host Disease, Event-Free, and Overall Survival in Patients Undergoing Unrelated Donor Allogeneic Hematopoietic Cell Transplantation. <i>Blood</i> , <b>2012</b> , 120, 4201-4201	2.2
2	What constitutes the most cautious approach for a pregnant person with weak D type 4.0?. <i>Cmaj</i> , <b>2021</b> , 193, E916	3.5
1	ABO*B.01+c.464A>C represents a missense variation in the ABO gene and encodes a weak B phenotype. <i>Transfusion</i> , <b>2021</b> , 61, E59-E61	2.9