

Christian Gabriel

List of Publications by Citations

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

151
papers

5,530
citations

40
h-index

69
g-index

155
ext. papers

6,132
ext. citations

4.7
avg. IF

5.2
L-index

#	Paper	IF	Citations
151	Vitamin C enhances the generation of mouse and human induced pluripotent stem cells. <i>Cell Stem Cell</i> , 2010 , 6, 71-9	18	762
150	Dose-dependent immunomodulatory effect of human stem cells from amniotic membrane: a comparison with human mesenchymal stem cells from adipose tissue. <i>Tissue Engineering</i> , 2007 , 13, 1173-83		325
149	Analytical and clinical evaluation of a novel high-sensitivity assay for measurement of soluble ST2 in human plasma--the Presage ST2 assay. <i>Clinica Chimica Acta</i> , 2009 , 409, 33-40	6.2	186
148	Generation of human induced pluripotent stem cells from umbilical cord matrix and amniotic membrane mesenchymal cells. <i>Journal of Biological Chemistry</i> , 2010 , 285, 11227-34	5.4	140
147	Differentially circulating miRNAs after recent osteoporotic fractures can influence osteogenic differentiation. <i>Bone</i> , 2015 , 79, 43-51	4.7	135
146	Human mesenchymal stem cells from adipose tissue and amnion influence T-cells depending on stimulation method and presence of other immune cells. <i>Stem Cells and Development</i> , 2011 , 20, 2115-26	4.4	124
145	Chitosan particles agglomerated scaffolds for cartilage and osteochondral tissue engineering approaches with adipose tissue derived stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 1077-85	4.5	117
144	Toward cell therapy using placenta-derived cells: disease mechanisms, cell biology, preclinical studies, and regulatory aspects at the round table. <i>Stem Cells and Development</i> , 2010 , 19, 143-54	4.4	112
143	A multi-site study using high-resolution HLA genotyping by next generation sequencing. <i>Tissue Antigens</i> , 2011 , 77, 206-17		90
142	Enzymatic and non-enzymatic isolation systems for adipose tissue-derived cells: current state of the art. <i>Cell Regeneration</i> , 2015 , 4, 7	2.5	89
141	Mesenchymal stem or stromal cells from amnion and umbilical cord tissue and their potential for clinical applications. <i>Cells</i> , 2012 , 1, 1061-88	7.9	87
140	The Interlaboratory RObustness of Next-generation sequencing (IRON) study: a deep sequencing investigation of TET2, CBL and KRAS mutations by an international consortium involving 10 laboratories. <i>Leukemia</i> , 2011 , 25, 1840-8	10.7	86
139	Rapid high-throughput human leukocyte antigen typing by massively parallel pyrosequencing for high-resolution allele identification. <i>Human Immunology</i> , 2009 , 70, 960-4	2.3	79
138	Analysis of the Secretome of Apoptotic Peripheral Blood Mononuclear Cells: Impact of Released Proteins and Exosomes for Tissue Regeneration. <i>Scientific Reports</i> , 2015 , 5, 16662	4.9	76
137	The influence of various storage conditions on cell viability in amniotic membrane. <i>Cell and Tissue Banking</i> , 2007 , 8, 1-8	2.2	75
136	Multicenter evaluation of a new automated fourth-generation human immunodeficiency virus screening assay with a sensitive antigen detection module and high specificity. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 1938-46	9.7	73
135	Comparison of the Elecsys [®] Anti-SARS-CoV-2 immunoassay with the EDI [®] enzyme linked immunosorbent assays for the detection of SARS-CoV-2 antibodies in human plasma. <i>Clinica Chimica Acta</i> , 2020 , 509, 18-21	6.2	72

134	HLA typing by next-generation sequencing - getting closer to reality. <i>Tissue Antigens</i> , 2014 , 83, 65-75		71
133	Seroprevalence and Incidence of hepatitis E in blood donors in Upper Austria. <i>PLoS ONE</i> , 2015 , 10, e0119576		70
132	State of the art and future perspectives of articular cartilage regeneration: a focus on adipose-derived stem cells and platelet-derived products. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, e36-51	4.4	69
131	Telomerase immortalized human amnion- and adipose-derived mesenchymal stem cells: maintenance of differentiation and immunomodulatory characteristics. <i>Tissue Engineering - Part A</i> , 2009 , 15, 1843-54	3.9	68
130	Impact of human amniotic membrane preparation on release of angiogenic factors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009 , 3, 651-4	4.4	68
129	Anti-fibrotic effects of fresh and cryopreserved human amniotic membrane in a rat liver fibrosis model. <i>Cell and Tissue Banking</i> , 2013 , 14, 475-88	2.2	66
128	Phenotypic shift of human amniotic epithelial cells in culture is associated with reduced osteogenic differentiation in vitro. <i>Cytotherapy</i> , 2008 , 10, 743-52	4.8	63
127	Haemodynamic changes during thoracoscopic surgery the effects of one-lung ventilation compared with carbon dioxide insufflation. <i>Anaesthesia</i> , 2000 , 55, 10-6	6.6	62
126	A novel, biased-like SDF-1 derivative acts synergistically with starPEG-based heparin hydrogels and improves eEPC migration in vitro. <i>Journal of Controlled Release</i> , 2012 , 162, 68-75	11.7	56
125	Vesicular Galectin-3 levels decrease with donor age and contribute to the reduced osteo-inductive potential of human plasma derived extracellular vesicles. <i>Aging</i> , 2016 , 8, 16-33	5.6	55
124	Rapid, scalable and highly automated HLA genotyping using next-generation sequencing: a transition from research to diagnostics. <i>BMC Genomics</i> , 2013 , 14, 221	4.5	53
123	Treatment of central pontine myelinolysis with therapeutic plasmapheresis. <i>Lancet, The</i> , 1999 , 353, 1155-60		52
122	Human mesenchymal stem cells and renal tubular epithelial cells differentially influence monocyte-derived dendritic cell differentiation and maturation. <i>Cellular Immunology</i> , 2011 , 267, 30-8	4.4	50
121	Nanomechanical recognition measurements of individual DNA molecules reveal epigenetic methylation patterns. <i>Nature Nanotechnology</i> , 2010 , 5, 788-91	28.7	48
120	Human-derived alternatives to fetal bovine serum in cell culture. <i>Transfusion Medicine and Hemotherapy</i> , 2013 , 40, 417-23	4.2	46
119	Human platelet lysate successfully promotes proliferation and subsequent chondrogenic differentiation of adipose-derived stem cells: a comparison with articular chondrocytes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015 , 9, 808-18	4.4	45
118	Effective molecular RHD typing strategy for blood donations. <i>Transfusion</i> , 2007 , 47, 1350-5	2.9	45
117	Identification of RHD alleles with the potential of anti-D immunization among seemingly D- blood donors in Upper Austria. <i>Transfusion</i> , 2009 , 49, 676-81	2.9	44

116	Bacterial contamination in platelet concentrates. <i>Vox Sanguinis</i> , 2014 , 106, 256-83	3.1	43
115	Clinical significance of HLA-E*0103 homozygosity on survival after allogeneic hematopoietic stem-cell transplantation. <i>Transplantation</i> , 2009 , 88, 528-32	1.8	42
114	Production and Quality Requirements of Human Platelet Lysate: A Position Statement from the Working Party on Cellular Therapies of the International Society of Blood Transfusion. <i>Trends in Biotechnology</i> , 2020 , 38, 13-23	15.1	42
113	The secretome of apoptotic human peripheral blood mononuclear cells attenuates secondary damage following spinal cord injury in rats. <i>Experimental Neurology</i> , 2015 , 267, 230-42	5.7	41
112	Overcoming methodical limits of standard RHD genotyping by next-generation sequencing. <i>Vox Sanguinis</i> , 2011 , 100, 381-8	3.1	41
111	Osteogenic differentiation of intact human amniotic membrane. <i>Biomaterials</i> , 2010 , 31, 8659-65	15.6	40
110	Multicenter evaluation of a fully automated third-generation anti-HCV antibody screening test with excellent sensitivity and specificity. <i>Medical Microbiology and Immunology</i> , 2011 , 200, 77-83	4	39
109	Human platelet lysate current standards and future developments. <i>Transfusion</i> , 2019 , 59, 1407-1413	2.9	38
108	Freeze-dried human serum albumin improves the adherence and proliferation of mesenchymal stem cells on mineralized human bone allografts. <i>Journal of Orthopaedic Research</i> , 2012 , 30, 489-96	3.8	37
107	<i>Yersinia enterocolitica</i> septicemia in autologous blood transfusion. <i>Transfusion</i> , 1994 , 34, 907-9	2.9	37
106	Haemostatic profile of reconstituted blood in a proposed 1:1:1 ratio of packed red blood cells, platelet concentrate and four different plasma preparations. <i>Anaesthesia</i> , 2015 , 70, 528-36	6.6	36
105	Labelling of human adipose-derived stem cells for non-invasive in vivo cell tracking. <i>Cell and Tissue Banking</i> , 2007 , 8, 163-77	2.2	36
104	Rapid identification of compound mutations in patients with Philadelphia-positive leukaemias by long-range next generation sequencing. <i>European Journal of Cancer</i> , 2014 , 50, 793-800	7.5	34
103	Analytical characterization and clinical evaluation of an enzyme-linked immunosorbent assay for measurement of afamin in human plasma. <i>Clinica Chimica Acta</i> , 2013 , 425, 236-41	6.2	34
102	Mononuclear cell secretome protects from experimental autoimmune myocarditis. <i>European Heart Journal</i> , 2015 , 36, 676-85	9.5	34
101	Secretomes of apoptotic mononuclear cells ameliorate neurological damage in rats with focal ischemia. <i>F1000Research</i> , 2014 , 3, 131	3.6	34
100	High dose ionizing radiation regulates micro RNA and gene expression changes in human peripheral blood mononuclear cells. <i>BMC Genomics</i> , 2014 , 15, 814	4.5	33
99	Prevalence of bovine papillomavirus and <i>Treponema</i> DNA in bovine digital dermatitis lesions. <i>Veterinary Microbiology</i> , 2011 , 148, 161-7	3.3	33

98	Dynamic cultivation of human mesenchymal stem cells in a rotating bed bioreactor system based on the Z RP platform. <i>Biotechnology Progress</i> , 2009 , 25, 1762-71	2.8	33
97	D variants at the RhD vestibule in the weak D type 4 and Eurasian D clusters. <i>Transfusion</i> , 2009 , 49, 1059-69	3.1	33
96	FGF-2 abolishes the chondrogenic effect of combined BMP-6 and TGF-beta in human adipose derived stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 94, 978-87	5.4	33
95	In vitro extracorporeal shock wave treatment enhances stemness and preserves multipotency of rat and human adipose-derived stem cells. <i>Cytotherapy</i> , 2014 , 16, 1666-78	4.8	31
94	Establishment of the first international repository for transfusion-relevant bacteria reference strains: ISBT working party transfusion-transmitted infectious diseases (WP-TTID), subgroup on bacteria. <i>Vox Sanguinis</i> , 2012 , 102, 22-31	3.1	31
93	Paracrine Factors from Irradiated Peripheral Blood Mononuclear Cells Improve Skin Regeneration and Angiogenesis in a Porcine Burn Model. <i>Scientific Reports</i> , 2016 , 6, 25168	4.9	30
92	Secretome of apoptotic peripheral blood cells (APOSEC) attenuates microvascular obstruction in a porcine closed chest reperfused acute myocardial infarction model: role of platelet aggregation and vasodilation. <i>Basic Research in Cardiology</i> , 2012 , 107, 292	11.8	30
91	Novel weak D types 31 and 32: adsorption-elution-supported D antigen analysis and comparison to prevalent weak D types. <i>Transfusion</i> , 2005 , 45, 1574-80	2.9	30
90	An international multicenter study on HIV-1 drug resistance testing by 454 ultra-deep pyrosequencing. <i>Journal of Virological Methods</i> , 2014 , 204, 31-7	2.6	27
89	Hepatitis C virus--does it penetrate the haemodialysis membrane? PCR analysis of haemodialysis ultrafiltrate and whole blood. <i>Nephrology Dialysis Transplantation</i> , 1995 , 10, 541-2	4.3	27
88	Introduction of a real-time-based blood-group genotyping approach. <i>Vox Sanguinis</i> , 2008 , 95, 125-30	3.1	26
87	Evaluation of the EDI enzyme linked immunosorbent assays for the detection of SARS-CoV-2 IgM and IgG antibodies in human plasma. <i>Clinica Chimica Acta</i> , 2020 , 509, 79-82	6.2	25
86	Monitoring intravascular volumes for postoperative volume therapy. <i>European Journal of Anaesthesiology</i> , 2002 , 19, 288-94	2.3	25
85	Human immunodeficiency virus type 1 drug resistance testing: Evaluation of a new ultra-deep sequencing-based protocol and comparison with the TRUGENE HIV-1 Genotyping Kit. <i>Journal of Virological Methods</i> , 2011 , 178, 94-7	2.6	24
84	Isolation of pig bone marrow mesenchymal stem cells suitable for one-step procedures in chondrogenic regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010 , 4, 485-90	4.4	24
83	Effects of peripheral blood stem cell mobilization with granulocyte-colony stimulating factor and their transcortical transplantation after primary stent implantation for acute myocardial infarction. <i>American Heart Journal</i> , 2006 , 151, 1296.e7-13	4.9	24
82	Dying blood mononuclear cell secretome exerts antimicrobial activity. <i>European Journal of Clinical Investigation</i> , 2016 , 46, 853-63	4.6	22
81	Human vital amniotic membrane reduces adhesions in experimental intraperitoneal onlay mesh repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011 , 25, 2125-31	5.2	22

80	Sequence capture and next generation resequencing of the MHC region highlights potential transplantation determinants in HLA identical haematopoietic stem cell transplantation. <i>DNA Research</i> , 2011 , 18, 201-10	4.5	22
79	Human platelet lysate is a feasible candidate to replace fetal calf serum as medium supplement for blood vascular and lymphatic endothelial cells. <i>Cytotherapy</i> , 2014 , 16, 1238-44	4.8	21
78	Molecular pathways of early CD105-positive erythroid cells as compared with CD34-positive common precursor cells by flow cytometric cell-sorting and gene expression profiling. <i>Blood Cancer Journal</i> , 2013 , 3, e100	7	21
77	Development and validation of a production process of platelet lysate for autologous use. <i>Platelets</i> , 2011 , 22, 204-9	3.6	21
76	ImmunExplorer (IMEX): a software framework for diversity and clonality analyses of immunoglobulins and T cell receptors on the basis of IMGT/HighV-QUEST preprocessed NGS data. <i>BMC Bioinformatics</i> , 2015 , 16, 252	3.6	20
75	Multiphoton-Polymerized 3D Protein Assay. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1474-1479	9.5	20
74	Routine performance and errors of 454 HLA exon sequencing in diagnostics. <i>BMC Bioinformatics</i> , 2013 , 14, 176	3.6	20
73	In vitro adipogenesis of adipose-derived stem cells in 3D fibrin matrix of low component concentration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012 , 6, 434-42	4.4	20
72	Three specific antigens to isolate endothelial progenitor cells from human liposuction material. <i>Cytotherapy</i> , 2013 , 15, 1426-35	4.8	19
71	Safety and tolerability of topically administered autologous, apoptotic PBMC secretome (APOSEC) in dermal wounds: a randomized Phase 1 trial (MARSYAS I). <i>Scientific Reports</i> , 2017 , 7, 6216	4.9	19
70	Soluble ST2 is not independently associated with androgen and estrogen status in healthy males and females. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 1515-8	5.9	19
69	Molecular and cellular effects of in vitro shockwave treatment on lymphatic endothelial cells. <i>PLoS ONE</i> , 2014 , 9, e114806	3.7	19
68	Reference values of galectin-3 and cardiac troponins derived from a single cohort of healthy blood donors. <i>Clinica Chimica Acta</i> , 2016 , 456, 19-23	6.2	19
67	Identification of a novel Wilson disease gene mutation frequent in Upper Austria: a genetic and clinical study. <i>Journal of Human Genetics</i> , 2012 , 57, 564-7	4.3	18
66	How chondrogenic are human umbilical cord matrix cells? A comparison to adipose-derived stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2010 , 4, 242-5	4.4	18
65	A new high-throughput screening method for the detection of chronic lymphatic leukemia and myelodysplastic syndrome. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46, 85-8	5.9	16
64	Transmission of hepatitis C by ozone enrichment of autologous blood. <i>Lancet, The</i> , 1996 , 347, 541	4.0	15
63	Tick-Borne Encephalitis Virus Vaccine-Induced Human Antibodies Mediate Negligible Enhancement of Zika Virus Infection and in a Mouse Model. <i>MSphere</i> , 2018 , 3,	5	13

62	The DAU cluster: a comparative analysis of 18 RHD alleles, some forming partial D antigens. <i>Transfusion</i> , 2016 , 56, 2520-2531	2.9	13
61	Intact human amniotic membrane differentiated towards the chondrogenic lineage. <i>Cell and Tissue Banking</i> , 2014 , 15, 213-25	2.2	13
60	Platelet function in reconstituted whole blood variants: An observational study over 5 days of storage time. <i>Journal of Trauma and Acute Care Surgery</i> , 2015 , 79, 797-804	3.3	13
59	What are a patient's current chances of finding a matched unrelated donor? Twenty years of central search experience in a small country. <i>Bone Marrow Transplantation</i> , 2012 , 47, 172-80	4.4	13
58	Mutation Analysis of Nine Chordoma Specimens by Targeted Next-Generation Cancer Panel Sequencing. <i>Journal of Cancer</i> , 2015 , 6, 984-9	4.5	12
57	Treatment of severe tetanus by continuous intrathecal infusion of baclofen. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995 , 59, 193-4	5.5	12
56	A Follow-Up of the Multicenter Collaborative Study on HIV-1 Drug Resistance and Tropism Testing Using 454 Ultra Deep Pyrosequencing. <i>PLoS ONE</i> , 2016 , 11, e0146687	3.7	12
55	Enlargement of the WHO international repository for platelet transfusion-relevant bacteria reference strains. <i>Vox Sanguinis</i> , 2017 , 112, 713-722	3.1	11
54	RHD Genotyping of Blood Donors May Avoid Anti-D Immunization.. <i>Blood</i> , 2004 , 104, 2706-2706	2.2	10
53	What Next? The Next Transit from Biology to Diagnostics: Next Generation Sequencing for Immunogenetics. <i>Transfusion Medicine and Hemotherapy</i> , 2011 , 38, 308-317	4.2	9
52	High-throughput sequence-based typing strategy for HLA-DRB1 based on real-time polymerase chain reaction. <i>Human Immunology</i> , 2007 , 68, 915-7	2.3	9
51	Late stent thrombosis after transcatheter transplantation of granulocyte-colony stimulating factor-mobilized peripheral blood stem cells following primary percutaneous intervention for acute myocardial infarction. <i>International Journal of Cardiology</i> , 2007 , 122, 248-9	3.2	9
50	Immune Repertoire Profiling Reveals that Clonally Expanded B and T Cells Infiltrating Diseased Human Kidneys Can Also Be Tracked in Blood. <i>PLoS ONE</i> , 2015 , 10, e0143125	3.7	9
49	Comparison of fresh frozen plasma vs. coagulation factor concentrates for reconstitution of blood: An in vitro study. <i>European Journal of Anaesthesiology</i> , 2020 , 37, 879-888	2.3	9
48	Compound heterozygosity of two novel RHAG alleles leads to a considerable disruption of the Rh complex. <i>Transfusion</i> , 2016 , 56, 950-5	2.9	9
47	Qualifying high-throughput immune repertoire sequencing. <i>Cellular Immunology</i> , 2014 , 288, 31-8	4.4	8
46	RHD variants in Polish blood donors routinely typed as D-. <i>Transfusion</i> , 2013 , 53, 2945-53	2.9	8
45	Secondary correction of posttraumatic orbital wall adhesions by membranes laminated with amniotic membrane. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2013 , 51, e224-9	1.4	8

44	Correlation of near-infrared spectroscopy and transcranial magnetic stimulation of the motor cortex in overt reading and musical tasks. <i>Motor Control</i> , 2009 , 13, 84-99	1.3	8
43	Characterisation of two novel HLA alleles, HLA-Cw*0429 and HLA-DRB3*0223. <i>Tissue Antigens</i> , 2008 , 72, 498-9		8
42	Concentrated lyophilized plasma used for reconstitution of whole blood leads to higher coagulation factor activity but unchanged thrombin potential compared with fresh-frozen plasma. <i>Transfusion</i> , 2017 , 57, 1763-1771	2.9	7
41	Validation of an alternative microbiological method for tissue products. <i>Cell and Tissue Banking</i> , 2014 , 15, 277-86	2.2	7
40	High-quality DNA from fingernails for genetic analysis. <i>Journal of Molecular Diagnostics</i> , 2014 , 16, 459-66	5.1	7
39	Comprehensive polymorphism analysis of ABO using allele-specific separation by bead technology and subsequent sequencing. <i>Vox Sanguinis</i> , 2010 , 98, 451-4	3.1	7
38	Viral safety of APOSECTM: a novel peripheral blood mononuclear cell derived-biological for regenerative medicine. <i>Blood Transfusion</i> , 2020 , 18, 30-39	3.6	7
37	SNEV Regulates Adipogenesis of Human Adipose Stromal Cells. <i>Stem Cell Reports</i> , 2017 , 8, 21-29	8	6
36	RHD*weak partial 4.0 is associated with an altered RHCE*ce(48C, 105T, 733G, 744C, 1025T) allele in the Tunisian population. <i>Transfusion Medicine</i> , 2013 , 23, 245-9	1.3	6
35	cFinder: definition and quantification of multiple haplotypes in a mixed sample. <i>BMC Research Notes</i> , 2015 , 8, 422	2.3	6
34	The Interlaboratory Robustness of Next-Generation Sequencing (IRON) Study Phase II: Deep-Sequencing Analyses of Hematological Malignancies Performed by an International Network Involving 26 Laboratories. <i>Blood</i> , 2012 , 120, 1399-1399	2.2	6
33	The Interlaboratory Robustness Of Next-Generation Sequencing (IRON) Study Phase II: Deep-Sequencing Analyses Of Hematological Malignancies Performed In 8,867 Cases By An International Network Involving 27 Laboratories. <i>Blood</i> , 2013 , 122, 743-743	2.2	6
32	Properties and Potential Alternative Applications of Fibrin Glue 2010 , 237-259		6
31	A Luciferase-Based Quick Potency Assay to Predict Chondrogenic Differentiation. <i>Tissue Engineering - Part C: Methods</i> , 2016 , 22, 487-95	2.9	6
30	MN typing discrepancies based on GYPA-B-A hybrid. <i>Vox Sanguinis</i> , 2014 , 107, 393-8	3.1	5
29	New cellular therapies: is there a role for transfusion services?. <i>Vox Sanguinis</i> , 2009 , 97, 77-90	3.1	5
28	HLA-Cw*0740, a new allele mistyped by generic sequencing and identified by allelic separation. <i>Tissue Antigens</i> , 2007 , 69, 100-2		5
27	How to establish and run a cell therapy unit in a blood bank. <i>ISBT Science Series</i> , 2014 , 9, 155-159	1.1	4

26	Proteomic analysis of human-derived cell culture supplements. <i>Transfusion Medicine and Hemotherapy</i> , 2013 , 40, 413-5	4.2	4
25	HLA-A*1129, a new allele identified in a cord blood donor. <i>Tissue Antigens</i> , 2007 , 69, 611		4
24	In-stent restenosis in bare metal stents versus sirolimus-eluting stents after primary coronary intervention for acute myocardial infarction and subsequent transcatheter transplantation of autologous stem cells. <i>Clinical Cardiology</i> , 2008 , 31, 356-9	3.3	4
23	Exon 1-4 sequence analysis of a novel HLA-A allele, HLA-A*2458. <i>Tissue Antigens</i> , 2006 , 68, 177-8		4
22	Single Molecule Fluorescence Microscopy and Machine Learning for Rhesus D Antigen Classification. <i>Scientific Reports</i> , 2016 , 6, 32317	4.9	4
21	The secretome of stressed peripheral blood mononuclear cells increases tissue survival in a rodent epigastric flap model. <i>Bioengineering and Translational Medicine</i> , 2021 , 6, e10186	14.8	4
20	Natural protective immunity against grass pollen allergy is maintained by a diverse spectrum of response types. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1746-1749.e11	11.5	3
19	On the trail of anti-CDE to unexpected highlights of the RHD*weak 4.3 allele in the Upper Austrian population. <i>Vox Sanguinis</i> , 2012 , 103, 130-6	3.1	3
18	Characterization of a novel HLA-A*33 allele, A*33:47, using next-generation sequencing. <i>Tissue Antigens</i> , 2014 , 84, 414-5		3
17	T cell epitopes of the timothy grass pollen allergen Phl p 5 of mice and men and the detection of allergen-specific T cells using Class II Ultimers. <i>International Archives of Allergy and Immunology</i> , 2012 , 158, 326-34	3.7	3
16	EU konformes Hornhautbanking – keine Bestandsaufnahme Hornhautbank Linz. <i>Spektrum Der Augenheilkunde</i> , 2010 , 24, 166-173	0	3
15	Transfusion Medicine in Austria. <i>Transfusion Medicine and Hemotherapy</i> , 2006 , 33, 364-373	4.2	3
14	A novel HLA-DRB1*13 allele (DRB1*1357) identified by polymerase chain reaction with sequence-specific primers and direct sequencing. <i>Tissue Antigens</i> , 2004 , 64, 213-4		3
13	Quantitative Analysis of Mutant Subclones in Chronic Myeloid Leukemia: Comparison of Different Methodological Approaches. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	3
12	Choosing the right blood products for transplant patients. <i>ISBT Science Series</i> , 2016 , 11, 105-110	1.1	2
11	Introduction of the hybcell-based compact sequencing technology and comparison to state-of-the-art methodologies for KRAS mutation detection. <i>BioTechniques</i> , 2015 , 58, 126-34	2.5	2
10	Proguanylin and prouroguanylin--assay evaluation and clinical analyte characterization. <i>Clinica Chimica Acta</i> , 2011 , 412, 2277-83	6.2	2
9	STED lithography in microfluidics for 3D thrombocyte aggregation testing. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 23	9.4	2

8	Identification of a novel Kmod -1 allele encoded by 977C>T (Pro326Leu). <i>Transfusion</i> , 2014 , 54, 2130-1	2.9	1
7	Recipient-derived clots in red blood cells during transfusion. <i>Transfusion</i> , 2006 , 46, 1646	2.9	1
6	HCV NAT in Austria. <i>Transfusion</i> , 2003 , 43, 834-5; author reply 835	2.9	1
5	RHD Tyr311Stop encoded by a novel nonsense mutation. <i>Transfusion</i> , 2016 , 56, 2389-90	2.9	1
4	State of the Art Hornhautbanking im Zeitalter der lamellären Keratoplastik. <i>Spektrum Der Augenheilkunde</i> , 2015 , 29, 3-9	0	0
3	Identification of CAR As a Novel Mediator of Erythroid Differentiation and Migration That Is Specifically Downregulated in Erythropoietic Progenitor Cells in Patients with MDS. <i>Blood</i> , 2014 , 124, 1570-1570	2.2	0
2	Next-Generation-Sequencing in der Immungenetik. <i>Transfusionsmedizin Immunhämatologie Hämotherapie Transplantationsimmunologie Zelltherapie</i> , 2013 , 3, 196-200	0.1	
1	Rapid Identification Of Compound Mutations In Patients With Ph-Positive Leukemias By Long-Range Next Generation Sequencing. <i>Blood</i> , 2013 , 122, 1373-1373	2.2	