

Christian Gabriel

List of Publications by Year in descending order

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Version: 2024-02-01

150
papers

6,721
citations

57758

44
h-index

71685

76
g-index

155
all docs

155
docs citations

155
times ranked

10133
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin C Enhances the Generation of Mouse and Human Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2010, 6, 71-79.	11.1	878
2	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, 1173-1183.	4.6	367
3	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.	1.1	214
4	Differentially circulating miRNAs after recent osteoporotic fractures can influence osteogenic differentiation. <i>Bone</i> , 2015, 79, 43-51.	2.9	166
5	Generation of Human Induced Pluripotent Stem Cells from Umbilical Cord Matrix and Amniotic Membrane Mesenchymal Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 11227-11234.	3.4	161
6	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, 2115-2126.	2.1	146
7	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, 143-154.	2.1	127
8	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, 1077-1085.	3.6	124
9	Enzymatic and non-enzymatic isolation systems for adipose tissue-derived cells: current state of the art. <i>Cell Regeneration</i> , 2015, 4, 4:7.	2.6	117
10	A multi-site study using high-resolution HLA genotyping by next generation sequencing. <i>Tissue Antigens</i> , 2011, 77, 206-217.	1.0	105
11	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.	3.3	103
12	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.	1.1	101
13	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, 1840-1848.	7.2	96
14	Mesenchymal Stem or Stromal Cells from Amnion and Umbilical Cord Tissue and Their Potential for Clinical Applications. <i>Cells</i> , 2012, 1, 1061-1088.	4.1	93
15	The influence of various storage conditions on cell viability in amniotic membrane. <i>Cell and Tissue Banking</i> , 2007, 8, 1-8.	1.1	91
16	<i>telomerase</i> Immortalized Human Amnion- and Adipose-Derived Mesenchymal Stem Cells: Maintenance of Differentiation and Immunomodulatory Characteristics. <i>Tissue Engineering - Part A</i> , 2009, 15, 1843-1854.	3.1	91
17	Seroprevalence and Incidence of hepatitis E in Blood Donors in Upper Austria. <i>PLoS ONE</i> , 2015, 10, e0119576.	2.5	87
18	Rapid high-throughput human leukocyte antigen typing by massively parallel pyrosequencing for high-resolution allele identification. <i>Human Immunology</i> , 2009, 70, 960-964.	2.4	86

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19	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, 1938-1946.	3.9	84
20	Anti-fibrotic effects of fresh and cryopreserved human amniotic membrane in a rat liver fibrosis model. <i>Cell and Tissue Banking</i> , 2013, 14, 475-488.	1.1	82
21	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.	9.3	82
22	Impact of human amniotic membrane preparation on release of angiogenic factors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 651-654.	2.7	81
23	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-e51.	2.7	81
24	<sc>HLA</sc> typing by next-generation sequencing "Getting closer to reality. <i>Tissue Antigens</i> , 2014, 83, 65-75.	1.0	80
25	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, 16-30.	3.1	77
26	Treatment of central pontine myelinolysis with therapeutic plasmapheresis. <i>Lancet, The</i> , 1999, 353, 1155.	13.7	75
27	Haemodynamic changes during thoracoscopic surgery The effects of one-lung ventilation compared with carbon dioxide insufflation. <i>Anaesthesia</i> , 2000, 55, 10-16.	3.8	71
28	Phenotypic shift of human amniotic epithelial cells in culture is associated with reduced osteogenic differentiation in vitro. <i>Cytherapy</i> , 2008, 10, 743-752.	0.7	69
29	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.	9.9	62
30	Human platelet lysate current standards and future developments. <i>Transfusion</i> , 2019, 59, 1407-1413.	1.6	61
31	Human-Derived Alternatives to Fetal Bovine Serum in Cell Culture. <i>Transfusion Medicine and Hemotherapy</i> , 2013, 40, 417-423.	1.6	60
32	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, 808-818.	2.7	60
33	Nanomechanical recognition measurements of individual DNA molecules reveal epigenetic methylation patterns. <i>Nature Nanotechnology</i> , 2010, 5, 788-791.	31.5	59
34	Human mesenchymal stem cells and renal tubular epithelial cells differentially influence monocyte-derived dendritic cell differentiation and maturation. <i>Cellular Immunology</i> , 2011, 267, 30-38.	3.0	59
35	Rapid, scalable and highly automated HLA genotyping using next-generation sequencing: a transition from research to diagnostics. <i>BMC Genomics</i> , 2013, 14, 221.	2.8	56
36	Bacterial contamination in platelet concentrates. <i>Vox Sanguinis</i> , 2014, 106, 256-283.	1.5	55

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37	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, 489-496.	2.3	54
38	The secretome of apoptotic human peripheral blood mononuclear cells attenuates secondary damage following spinal cord injury in rats. <i>Experimental Neurology</i> , 2015, 267, 230-242.	4.1	54
39	Identification of RHD alleles with the potential of anti-CD immunization among seemingly D ⁺ blood donors in Upper Austria. <i>Transfusion</i> , 2009, 49, 676-681.	1.6	53
40	Effective molecular RHD typing strategy for blood donations. <i>Transfusion</i> , 2007, 47, 1350-1355.	1.6	50
41	Osteogenic differentiation of intact human amniotic membrane. <i>Biomaterials</i> , 2010, 31, 8659-8665.	11.4	50
42	Overcoming methodical limits of standard RHD genotyping by next-generation sequencing. <i>Vox Sanguinis</i> , 2011, 100, 381-388.	1.5	49
43	Clinical Significance of HLA-E*0103 Homozygosity on Survival After Allogeneic Hematopoietic Stem-Cell Transplantation. <i>Transplantation</i> , 2009, 88, 528-532.	1.0	48
44	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.	4.8	48
45	<i>Yersinia enterocolitica</i> septicemia in autologous blood transfusion. <i>Transfusion</i> , 2003, 34, 907-909.	1.6	46
46	Mononuclear cell secretome protects from experimental autoimmune myocarditis. <i>European Heart Journal</i> , 2015, 36, 676-685.	2.2	46
47	In vitro extracorporeal shock wave treatment enhances stemness and preserves multipotency of rat and human adipose-derived stem cells. <i>Cytotherapy</i> , 2014, 16, 1666-1678.	0.7	45
48	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, 528-536.	3.8	45
49	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.	1.5	44
50	Labelling of human adipose-derived stem cells for non-invasive in vivo cell tracking. <i>Cell and Tissue Banking</i> , 2007, 8, 163-177.	1.1	42
51	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, 1762-1771.	2.6	42
52	High dose ionizing radiation regulates micro RNA and gene expression changes in human peripheral blood mononuclear cells. <i>BMC Genomics</i> , 2014, 15, 814.	2.8	41
53	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.	3.3	41
54	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, 236-241.	1.1	40

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55	Secretomes of apoptotic mononuclear cells ameliorate neurological damage in rats with focal ischemia. <i>F1000Research</i> , 2014, 3, 131.	1.6	40
56	D variants at the RhD vestibule in the weak D type 4 and Eurasian D clusters. <i>Transfusion</i> , 2009, 49, 1059-1069.	1.6	39
57	Monitoring intravascular volumes for postoperative volume therapy. <i>European Journal of Anaesthesiology</i> , 2002, 19, 288.	1.7	37
58	Prevalence of bovine papillomavirus and <i>Treponema</i> DNA in bovine digital dermatitis lesions. <i>Veterinary Microbiology</i> , 2011, 148, 161-167.	1.9	37
59	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.	5.9	37
60	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.	2.8	37
61	FGF β abolishes the chondrogenic effect of combined BMP β and TGF β ² in human adipose derived stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 978-987.	4.0	36
62	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, 1574-1580.	1.6	35
63	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.	2.6	34
64	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.	1.1	34
65	Effects of peripheral blood stem cell mobilization with granulocyte colony stimulating factor and their transcatheter transplantation after primary stent implantation for acute myocardial infarction. <i>American Heart Journal</i> , 2006, 151, 1296.e7-1296.e13.	2.7	31
66	An international multicenter study on HIV-1 drug resistance testing by 454 ultra-deep pyrosequencing. <i>Journal of Virological Methods</i> , 2014, 204, 31-37.	2.1	31
67	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, n/a-n/a.	2.7	30
68	Hepatitis C virus "does it penetrate the haemodialysis membrane?". <i>Nephrology Dialysis Transplantation</i> , 1995, 10, 541-542.	0.7	29
69	Dying blood mononuclear cell secretome exerts antimicrobial activity. <i>European Journal of Clinical Investigation</i> , 2016, 46, 853-863.	3.4	29
70	Introduction of a real-time based blood group genotyping approach. <i>Vox Sanguinis</i> , 2008, 95, 125-130.	1.5	28
71	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-e100.	6.2	28
72	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, 94-97.	2.1	26

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73	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.	2.3	26
74	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, 1238-1244.	0.7	26
75	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.	1.1	26
76	Safety and tolerability of topically administered autologous, apoptotic PBMC secretome (APOSEC) in dermal wounds: a randomized Phase 1 trial (MARSYAS II). <i>Scientific Reports</i> , 2017, 7, 6216.	3.3	26
77	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, 201-210.	3.4	25
78	Three specific antigens to isolate endothelial progenitor cells from human liposuction material. <i>Cytotherapy</i> , 2013, 15, 1426-1435.	0.7	25
79	Enlargement of the WHO international repository for platelet transfusion-relevant bacteria reference strains. <i>Vox Sanguinis</i> , 2017, 112, 713-722.	1.5	25
80	Multiphoton-Polymerized 3D Protein Assay. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1474-1479.	8.0	25
81	Development and validation of a production process of platelet lysate for autologous use. <i>Platelets</i> , 2011, 22, 204-209.	2.3	24
82	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, 434-442.	2.7	24
83	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.	2.3	23
84	Human vital amniotic membrane reduces adhesions in experimental intraperitoneal onlay mesh repair. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 2125-2131.	2.4	23
85	Molecular and Cellular Effects of In Vitro Shockwave Treatment on Lymphatic Endothelial Cells. <i>PLoS ONE</i> , 2014, 9, e114806.	2.5	23
86	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, 564-567.	2.3	21
87	RHD variants in Polish blood donors routinely typed as D ⁺ . <i>Transfusion</i> , 2013, 53, 2945-2953.	1.6	21
88	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, 242-245.	2.7	20
89	Routine performance and errors of 454 HLA exon sequencing in diagnostics. <i>BMC Bioinformatics</i> , 2013, 14, 176.	2.6	20
90	Transmission of hepatitis C by ozone enrichment of autologous blood. <i>Lancet</i> , The, 1996, 347, 541.	13.7	18

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91	Mutation Analysis of Nine Chordoma Specimens by Targeted Next-Generation Cancer Panel Sequencing. <i>Journal of Cancer</i> , 2015, 6, 984-989.	2.5	17
92	The <i>DAU</i> cluster: a comparative analysis of 18 <i>RHD</i> alleles, some forming partial D antigens. <i>Transfusion</i> , 2016, 56, 2520-2531.	1.6	17
93	Tick-Borne Encephalitis Virus Vaccine-Induced Human Antibodies Mediate Negligible Enhancement of Zika Virus Infection In Vitro and in a Mouse Model. <i>MSphere</i> , 2018, 3, .	2.9	17
94	What are a patient's current chances of finding a matched unrelated donor? Twenty years' central search experience in a small country. <i>Bone Marrow Transplantation</i> , 2012, 47, 172-180.	2.4	16
95	Treatment of severe tetanus by continuous intrathecal infusion of baclofen.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995, 59, 193-194.	1.9	15
96	Intact human amniotic membrane differentiated towards the chondrogenic lineage. <i>Cell and Tissue Banking</i> , 2014, 15, 213-225.	1.1	15
97	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.	2.5	15
98	Comparison of fresh frozen plasma vs. coagulation factor concentrates for reconstitution of blood. <i>European Journal of Anaesthesiology</i> , 2020, 37, 879-888.	1.7	15
99	Platelet function in reconstituted whole blood variants. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 79, 797-804.	2.1	14
100	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.	1.4	14
101	Compound heterozygosity of two novel <i>RHAG</i> alleles leads to a considerable disruption of the Rh complex. <i>Transfusion</i> , 2016, 56, 950-955.	1.6	13
102	High-Quality DNA from Fingernails for Genetic Analysis. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 459-466.	2.8	12
103	RHD Genotyping of Blood Donors May Avoid Anti-D Immunization.. <i>Blood</i> , 2004, 104, 2706-2706.	1.4	12
104	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.	2.5	12
105	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, 248-249.	1.7	11
106	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.	0.6	11
107	Comprehensive polymorphism analysis of ABO using allele-specific separation by bead technology and subsequent sequencing. <i>Vox Sanguinis</i> , 2010, 98, 451-454.	1.5	10
108	<i>RHD</i> * <i>weak partial 4.0</i> is associated with an altered <i>RHCE</i> * <i>ce</i> (<i>48C</i> , <i>105T</i> , <i>733G</i> , <i>744C</i> ,) Tj ETQq0 0 0.1gBT /Overlock 10 T		

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109	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-e229.	0.8	10
110	Qualifying high-throughput immune repertoire sequencing. <i>Cellular Immunology</i> , 2014, 288, 31-38.	3.0	10
111	High-throughput sequence-based typing strategy for HLA-DRB1 based on real-time polymerase chain reaction. <i>Human Immunology</i> , 2007, 68, 915-917.	2.4	9
112	What Next? The Next Transit from Biology to Diagnostics: Next Generation Sequencing for Immunogenetics. <i>Transfusion Medicine and Hemotherapy</i> , 2011, 38, 308-317.	1.6	9
113	SNEVhPrp19/hPso4 Regulates Adipogenesis of Human Adipose Stromal Cells. <i>Stem Cell Reports</i> , 2017, 8, 21-29.	4.8	9
114	Characterisation of two novel HLA alleles, HLA-Cw*0429 and HLA-DRB3*0223. <i>Tissue Antigens</i> , 2008, 72, 498-499.	1.0	8
115	cFinder: definition and quantification of multiple haplotypes in a mixed sample. <i>BMC Research Notes</i> , 2015, 8, 422.	1.4	8
116	Viral safety of APOSECTM: a novel peripheral blood mononuclear cell derived-biological for regenerative medicine. <i>Blood Transfusion</i> , 2020, 18, 30-39.	0.4	8
117	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, 356-359.	1.8	7
118	Validation of an alternative microbiological method for tissue products. <i>Cell and Tissue Banking</i> , 2014, 15, 277-286.	1.1	7
119	Single Molecule Fluorescence Microscopy and Machine Learning for Rhesus D Antigen Classification. <i>Scientific Reports</i> , 2016, 6, 32317.	3.3	7
120	A Luciferase-Based Quick Potency Assay to Predict Chondrogenic Differentiation. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 487-495.	2.1	7
121	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.	1.6	7
122	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.	7.1	7
123	Properties and Potential Alternative Applications of Fibrin Glue. , 2010, , 237-259.		7
124	New cellular therapies: Is there a role for transfusion services?. <i>Vox Sanguinis</i> , 2009, 97, 77-90.	1.5	6
125	<sc>MN</sc> typing discrepancies based on <i><sc>GYPA</sc><sc>B</sc><sc>A</sc></i> hybrid. <i>Vox Sanguinis</i> , 2014, 107, 393-398.	1.5	6
126	STED lithography in microfluidics for 3D thrombocyte aggregation testing. <i>Journal of Nanobiotechnology</i> , 2021, 19, 23.	9.1	6

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127	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.	1.4	6
128	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.	1.4	6
129	HLA-Cw*0740, a new allele mistyped by generic sequencing and identified by allelic separation. <i>Tissue Antigens</i> , 2007, 69, 100-102.	1.0	5
130	Exon 1-4 sequence analysis of a novel HLA-A allele, HLA-A*2458+. <i>Tissue Antigens</i> , 2006, 68, 177-178.	1.0	4
131	HLA-A*1129, a new allele identified in a cord blood donor. <i>Tissue Antigens</i> , 2007, 69, 611-611.	1.0	4
132	Proteomic Analysis of Human-Derived Cell Culture Supplements. <i>Transfusion Medicine and Hemotherapy</i> , 2013, 40, 413-415.	1.6	4
133	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
134	Quantitative Analysis of Mutant Subclones in Chronic Myeloid Leukemia: Comparison of Different Methodological Approaches. <i>International Journal of Molecular Sciences</i> , 2016, 17, 642.	4.1	4
135	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, 213-214.	1.0	3
136	Transfusion Medicine in Austria. <i>Transfusion Medicine and Hemotherapy</i> , 2006, 33, 364-373.	1.6	3
137	Proguanylin and prouroguanylin assay evaluation and clinical analyte characterization. <i>Clinica Chimica Acta</i> , 2011, 412, 2277-2283.	1.1	3
138	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, 326-334.	2.1	3
139	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, 130-136.	1.5	3
140	Characterization of a novel HLA-A*33 allele, A*33:47, using next-generation sequencing. <i>Tissue Antigens</i> , 2014, 84, 414-415.	1.0	3
141	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.	2.9	3
142	Recipient-derived clots in red blood cells during transfusion. <i>Transfusion</i> , 2006, 46, 1646-1646.	1.6	2
143	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.	1.8	2
144	RHD Tyr311Stop encoded by a novel nonsense mutation. <i>Transfusion</i> , 2016, 56, 2389-2390.	1.6	2

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145	Choosing the right blood products for transplant patients. ISBT Science Series, 2016, 11, 105-110.	1.1	2
146	HCV NAT in Austria. Transfusion, 2003, 43, 834-835.	1.6	1
147	Identification of a novel <sc>K</sc>_{mod}-1 allele encoded by 977<sc>C</sc>><sc>T</sc><sc>P</sc>ro326<sc>L</sc>eu). Transfusion, 2014, 54, 2130-2131.	1.6	1
148	Human derived alternatives to fetal calf serum in cell culture. Cytotherapy, 2013, 15, S16.	0.7	0
149	Expansion of umbilical cord derived mesenchymal stem cells with human serum and human platelet lysate. Cytotherapy, 2013, 15, S17.	0.7	0
150	Rapid Identification Of Compound Mutations In Patients With Ph-Positive Leukemias By Long-Range Next Generation Sequencing. Blood, 2013, 122, 1373-1373.	1.4	0