Pablo MenÃ©ndez

List of Publications by Year
in descending order

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233 papers	10,962 citations	30070 54 h-index	39675 94 g-index
265 all docs	265 docs citations	265 times ranked	15401 citing authors

#	Article	IF	Citations
1	Cytokines and BMP-4 promote hematopoietic differentiation of human embryonic stem cells. Blood, 2003, 102, 906-915.	1.4	563
2	IGF and FGF cooperatively establish the regulatory stem cell niche of pluripotent human cells in vitro. Nature, 2007, 448, 1015-1021.	27.8	552
3	The MLL recombinome of acute leukemias in 2017. Leukemia, 2018, 32, 273-284.	7.2	527
4	The MLL recombinome of acute leukemias in 2013. Leukemia, 2013, 27, 2165-2176.	7.2	393
5	Endothelial and Hematopoietic Cell Fate of Human Embryonic Stem Cells Originates from Primitive Endothelium with Hemangioblastic Properties. Immunity, 2004, 21, 31-41.	14.3	353
6	Generation of hematopoietic repopulating cells from human embryonic stem cells independent of ectopic HOXB4 expression. Journal of Experimental Medicine, 2005, 201, 1603-1614.	8.5	290
7	Human Induced Pluripotent Stem Cells Develop Teratoma More Efficiently and Faster Than Human Embryonic Stem Cells Regardless the Site of Injection. Stem Cells, 2010, 28, 1568-1570.	3.2	281
8	Embryonic Stem Cell-Specific miR302-367 Cluster: Human Gene Structure and Functional Characterization of Its Core Promoter. Molecular and Cellular Biology, 2008, 28, 6609-6619.	2.3	204
9	Human embryonic stem cells maintained in the absence of mouse embryonic fibroblasts or conditioned media are capable of hematopoietic development. Blood, 2005, 105, 4598-4603.	1.4	165
10	Epigenetic silencing of engineered L1 retrotransposition events in human embryonic carcinoma cells. Nature, 2010, 466, 769-773.	27.8	157
11	The miR-302-367 cluster as a potential stemness regulator in ESCs. Cell Cycle, 2009, 8, 394-398.	2.6	156
12	Clonal isolation of hESCs reveals heterogeneity within the pluripotent stem cell compartment. Nature Methods, 2006, 3, 807-815.	19.0	155
13	Bone microenvironment signals in osteosarcoma development. Cellular and Molecular Life Sciences, 2015, 72, 3097-3113.	5.4	147
14	Human ESCs predisposition to karyotypic instability: Is a matter of culture adaptation or differential vulnerability among hESC lines due to inherent properties?. Molecular Cancer, 2008, 7, 76.	19.2	143
15	Mesenchymal stem cells and their use as cell replacement therapy and disease modelling tool. Journal of Cellular and Molecular Medicine, 2008, 12, 2552-2565.	3.6	129
16	First BNCT treatment of a skin melanoma in Argentina: dosimetric analysis and clinical outcome. Applied Radiation and Isotopes, 2004, 61, 1101-1105.	1.5	128
17	Engineered LINE-1 retrotransposition in nondividing human neurons. Genome Research, 2017, 27, 335-348.	5.5	128
18	Modeling sarcomagenesis using multipotent mesenchymal stem cells. Cell Research, 2012, 22, 62-77.	12.0	125

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19	Enrichment of Human ESC-Derived Multipotent Mesenchymal Stem Cells with Immunosuppressive and Anti-Inflammatory Properties Capable to Protect Against Experimental Inflammatory Bowel Disease. Stem Cells, 2011, 29, 251-262.	3.2	119
20	H3K4me1 marks DNA regions hypomethylated during aging in human stem and differentiated cells. Genome Research, 2015, 25, 27-40.	5.5	119
21	Bone marrow mesenchymal stem cells from infants with MLL-AF4+ acute leukemia harbor and express the MLL-AF4 fusion gene. Journal of Experimental Medicine, 2009, 206, 3131-3141.	8.5	109
22	Revisiting the biology of infant t(4;11)/MLL-AF4+ B-cell acute lymphoblastic leukemia. Blood, 2015, 126, 2676-2685.	1.4	100
23	A promoter DNA demethylation landscape of human hematopoietic differentiation. Nucleic Acids Research, 2012, 40, 116-131.	14.5	97
24	Deficiency in p53 but not Retinoblastoma Induces the Transformation of Mesenchymal Stem Cells In vitro and Initiates Leiomyosarcoma In vivo. Cancer Research, 2010, 70, 4185-4194.	0.9	96
25	The Nodal inhibitor Lefty is negatively modulated by the microRNA miRâ€302 in human embryonic stem cells. FASEB Journal, 2011, 25, 1497-1508.	0.5	93
26	NF-Î²B activation impairs somatic cell reprogramming in ageing. Nature Cell Biology, 2015, 17, 1004-1013.	10.3	91
27	Loss of p53 Induces Tumorigenesis in p21-Deficient Mesenchymal Stem Cells. Neoplasia, 2009, 11, 397-IN9.	5.3	89
28	Bone Environment is Essential for Osteosarcoma Development from Transformed Mesenchymal Stem Cells. Stem Cells, 2014, 32, 1136-1148.	3.2	89
29	Fratricide-resistant CD1a-specific CAR T cells for the treatment of cortical T-cell acute lymphoblastic leukemia. Blood, 2019, 133, 2291-2304.	1.4	87
30	HOXA9 promotes hematopoietic commitment of human embryonic stem cells. Blood, 2014, 124, 3065-3075.	1.4	85
31	Enforced expression of MLL-AF4 fusion in cord blood CD34+ cells enhances the hematopoietic repopulating cell function and clonogenic potential but is not sufficient to initiate leukemia. Blood, 2011, 117, 4746-4758.	1.4	84
32	The differentiation stage of p53-Rb-deficient bone marrow mesenchymal stem cells imposes the phenotype of in vivo sarcoma development. Oncogene, 2013, 32, 4970-4980.	5.9	79
33	Autogenous Control of 5â€²TOP mRNA Stability by 40S Ribosomes. Molecular Cell, 2017, 67, 55-70.e4.	9.7	78
34	Development of a Novel Anti-CD19 Chimeric Antigen Receptor: A Paradigm for an Affordable CAR T Cell Production at Academic Institutions. Molecular Therapy - Methods and Clinical Development, 2019, 12, 134-144.	4.1	77
35	CRISPR/Cas9 for Cancer Therapy: Hopes and Challenges. Biomedicines, 2018, 6, 105.	3.2	76
36	Unraveling the cellular origin and clinical prognostic markers of infant B-cell acute lymphoblastic leukemia using genome-wide analysis. Haematologica, 2019, 104, 1176-1188.	3.5	76

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37	Cancer Genes Hypermethylated in Human Embryonic Stem Cells. PLoS ONE, 2008, 3, e3294.	2.5	75
38	Detailed Characterization of Mesenchymal Stem/Stromal Cells from a Large Cohort of AML Patients Demonstrates a Definitive Link to Treatment Outcomes. Stem Cell Reports, 2017, 8, 1573-1586.	4.8	73
39	Prognostic implications of serum microRNA-21 in colorectal cancer. Journal of Surgical Oncology, 2013, 108, 369-373.	1.7	72
40	Cord blood-derived CD34+ hematopoietic cells with low mitochondrial mass are enriched in hematopoietic repopulating stem cell function. Haematologica, 2013, 98, 1022-1029.	3.5	72
41	Genetic Manipulation of Human Embryonic Stem Cells: A System to Study Early Human Development and Potential Therapeutic Applications. Current Gene Therapy, 2005, 5, 375-385.	2.0	69
42	Feeder-free maintenance of hESCs in mesenchymal stem cell-conditioned media: distinct requirements for TGF-Î² and IGF-II. Cell Research, 2009, 19, 698-709.	12.0	69
43	Hematopoietic development from human embryonic stem cell lines. Experimental Hematology, 2005, 33, 987-996.	0.4	68
44	Linking Pesticide Exposure with Pediatric Leukemia: Potential Underlying Mechanisms. International Journal of Molecular Sciences, 2016, 17, 461.	4.1	68
45	The European Hematology Association Roadmap for European Hematology Research: a consensus document. Haematologica, 2016, 101, 115-208.	3.5	67
46	Insights into the cellular origin and etiology of the infant pro-B acute lymphoblastic leukemia with MLL-AF4 rearrangement. Leukemia, 2011, 25, 400-410.	7.2	65
47	iPSCs from cancer cells: challenges and opportunities. Trends in Molecular Medicine, 2012, 18, 245-247.	6.7	65
48	Etoposide induces MLL rearrangements and other chromosomal abnormalities in human embryonic stem cells. Carcinogenesis, 2009, 30, 1628-1637.	2.8	64
49	Discovery of a CD10-negative B-progenitor in human fetal life identifies unique ontogeny-related developmental programs. Blood, 2019, 134, 1059-1071.	1.4	62
50	Residual Expression of the Reprogramming Factors Prevents Differentiation of iPSC Generated from Human Fibroblasts and Cord Blood CD34+ Progenitors. PLoS ONE, 2012, 7, e35824.	2.5	61
51	Human embryonic stem cells: a journey beyond cell replacement therapies. Cytotherapy, 2006, 8, 530-541.	0.7	60
52	Dynamic infrared imaging of cutaneous melanoma and normal skin in patients treated with BNCT. Applied Radiation and Isotopes, 2009, 67, S54-S58.	1.5	60
53	In vivo CRISPR/Cas9 targeting of fusion oncogenes for selective elimination of cancer cells. Nature Communications, 2020, 11, 5060.	12.8	60
54	SCL/TAL1 Regulates Hematopoietic Specification From Human Embryonic Stem Cells. Molecular Therapy, 2012, 20, 1443-1453.	8.2	59

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55	Expression of FUS-CHOP fusion protein in immortalized/transformed human mesenchymal stem cells drives mixoid liposarcoma formation. Stem Cells, 2013, 31, 2061-2072.	3.2	59
56	FUS-CHOP Fusion Protein Expression Coupled to p53 Deficiency Induces Liposarcoma in Mouse but Not in Human Adipose-Derived Mesenchymal Stem/Stromal Cells. Stem Cells, 2011, 29, 179-192.	3.2	57
57	Human Embryonic Stem Cells: Potential Tool for Achieving Immunotolerance?. Stem Cell Reviews and Reports, 2005, 1, 151-158.	5.6	56
58	Nodal/Activin Signaling Predicts Human Pluripotent Stem Cell Lines Prone to Differentiate Toward the Hematopoietic Lineage. Molecular Therapy, 2010, 18, 2173-2181.	8.2	56
59	Human recombinant glutamate oxaloacetate transaminase 1 (GOT1) supplemented with oxaloacetate induces a protective effect after cerebral ischemia. Cell Death and Disease, 2014, 5, e992-e992.	6.3	56
60	Prognostic significance of FLT3 mutational status and expression levels in MLL-AF4+ and MLL-germline acute lymphoblastic leukemia. Leukemia, 2012, 26, 2360-2366.	7.2	55
61	Quantitative analysis of bcl-2 expression in normal and leukemic human B-cell differentiation. Leukemia, 2004, 18, 491-498.	7.2	54
62	OP9 Stroma Augments Survival of Hematopoietic Precursors and Progenitors During Hematopoietic Differentiation from Human Embryonic Stem Cells. Stem Cells, 2008, 26, 2485-2495.	3.2	54
63	iPSC lines that do not silence the expression of the ectopic reprogramming factors may display enhanced propensity to genomic instability. Cell Research, 2010, 20, 1092-1095.	12.0	52
64	Efficient Recreation of t(11;22) EWSR1-FLI1+ in Human Stem Cells UsingÂCRISPR/Cas9. Stem Cell Reports, 2017, 8, 1408-1420.	4.8	52
65	Flow cytometric detection of intracellular myeloperoxidase, CD3 and CD79a. Journal of Immunological Methods, 2000, 242, 53-65.	1.4	51
66	Retroviral transduction of hematopoietic cells differentiated from human embryonic stem cell-derived CD45negPFV hemogenic precursors. Molecular Therapy, 2004, 10, 1109-1120.	8.2	49
67	A human ESC model for MLL-AF4 leukemic fusion gene reveals an impaired early hematopoietic-endothelial specification. Cell Research, 2012, 22, 986-1002.	12.0	49
68	Inactivation of p53 in Human Keratinocytes Leads to Squamous Differentiation and Shedding via Replication Stress and Mitotic Slippage. Cell Reports, 2014, 9, 1349-1360.	6.4	48
69	The Notch ligand DLL4 specifically marks human hematoendothelial progenitors and regulates their hematopoietic fate. Leukemia, 2015, 29, 1741-1753.	7.2	48
70	The NOTCH1/CD44 axis drives pathogenesis in a T cell acute lymphoblastic leukemia model. Journal of Clinical Investigation, 2018, 128, 2802-2818.	8.2	48
71	Conventional and molecular cytogenetic diagnostic methods in stem cell research: A concise review. Cell Biology International, 2007, 31, 861-869.	3.0	46
72	Identification of Cdca7 as a novel Notch transcriptional target involved in hematopoietic stem cell emergence. Journal of Experimental Medicine, 2014, 211, 2411-2423.	8.5	46

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73	Loss of CD34+ hematopoietic progenitor cells due to washing can be reduced by the use of fixative-free erythrocyte lysing reagents. Journal of Immunological Methods, 2000, 239, 13-23.	1.4	44
74	Mesenchymal stem cells facilitate the derivation of human embryonic stem cells from cryopreserved poor-quality embryos. Human Reproduction, 2009, 24, 1844-1851.	0.9	44
75	The ROCK Inhibitor Y-27632 Negatively Affects the Expansion/Survival of Both Fresh and Cryopreserved Cord Blood-Derived CD34+ Hematopoietic Progenitor Cells. Stem Cell Reviews and Reports, 2010, 6, 215-223.	5.6	43
76	Electron Microscopy Reveals the Presence of Viruses in Mouse Embryonic Fibroblasts But Neither in Human Embryonic Fibroblasts Nor in Human Mesenchymal Cells Used for hESC Maintenance: Toward an Implementation of Microbiological Quality Assurance Program in Stem Cell Banks. Cloning and Stem Cells, 2008, 10, 65-74.	2.6	41
77	Fine-mapping identifies two additional breast cancer susceptibility loci at 9q31.2. Human Molecular Genetics, 2015, 24, 2966-2984.	2.9	40
78	Comparison between a lyse-and-then-wash method and a lyse-non-wash technique for the enumeration of CD34+ hematopoietic progenitor cells. , 1998, 34, 264-271.		39
79	Human embryonic stem cell-derived mesenchymal stromal cells ameliorate collagen-induced arthritis by inducing host-derived indoleamine 2,3 dioxygenase. Arthritis Research and Therapy, 2016, 18, 77.	3.5	39
80	Concise Review: Generation of Neurons From Somatic Cells of Healthy Individuals and Neurological Patients Through Induced Pluripotency or Direct Conversion. Stem Cells, 2014, 32, 2811-2817.	3.2	38
81	Development Refractoriness of MLL-Rearranged Human B Cell Acute Leukemias to Reprogramming into Pluripotency. Stem Cell Reports, 2016, 7, 602-618.	4.8	38
82	The Human CD38 Monoclonal Antibody Daratumumab Shows Antitumor Activity and Hampers Leukemiaâ€“Microenvironment Interactions in Chronic Lymphocytic Leukemia. Clinical Cancer Research, 2017, 23, 1493-1505.	7.0	38
83	Early Human Hemogenic Endothelium Generates Primitive and Definitive Hematopoiesis InÂVitro. Stem Cell Reports, 2018, 11, 1061-1074.	4.8	38
84	The composition of leukapheresis products impacts on the hematopoietic recovery after autologous transplantation independently of the mobilizationâ€ƒregimen. Transfusion, 2002, 42, 1159-1172.	1.6	37
85	NG2 antigen is expressed in CD34+ HPCs and plasmacytoid dendritic cell precursors: is NG2 expression in leukemia dependent on the target cell where leukemogenesis is triggered?. Leukemia, 2008, 22, 1475-1478.	7.2	37
86	Purification and Long-Term Expansion of Multipotent Endothelial-Like Cells with Potential Cardiovascular Regeneration. Stem Cells and Development, 2012, 21, 562-574.	2.1	37
87	Activated KRAS Cooperates with MLL-AF4 to Promote Extramedullary Engraftment and Migration of Cord Blood CD34+ HSPC But Is Insufficient to Initiate Leukemia. Cancer Research, 2016, 76, 2478-2489.	0.9	37
88	41BB-based and CD28-based CD123-redirected T-cells ablate human normal hematopoiesis in vivo. , 2020, 8, e000845.		37
89	Bone marrow mesenchymal stem cells from patients with aplastic anemia maintain functional and immune properties and do not contribute to the pathogenesis of the disease. Haematologica, 2014, 99, 1168-1175.	3.5	36
90	Reprogramming human B cells into induced pluripotent stem cells and its enhancement by C/EBPÎ±. Leukemia, 2016, 30, 674-682.	7.2	36

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91	DNA methylation changes in human lung epithelia cells exposed to multi-walled carbon nanotubes. Nanotoxicology, 2017, 11, 857-870.	3.0	36
92	NG2 antigen is involved in leukemia invasiveness and central nervous system infiltration in MLL-rearranged infant B-ALL. Leukemia, 2018, 32, 633-644.	7.2	35
93	H3K79me2/3 controls enhancerâ€“promoter interactions and activation of the pan-cancer stem cell marker PROM1/CD133 in MLL-AF4 leukemia cells. Leukemia, 2021, 35, 90-106.	7.2	35
94	Cytoplasmic cyclin D1 controls the migration and invasiveness of mantle lymphoma cells. Scientific Reports, 2017, 7, 13946.	3.3	34
95	FLT3 activation cooperates with MLL-AF4 fusion protein to abrogate the hematopoietic specification of human ESCs. Blood, 2013, 121, 3867-3878.	1.4	33
96	Fast and Efficient Neural Conversion of Human Hematopoietic Cells. Stem Cell Reports, 2014, 3, 1118-1131.	4.8	33
97	Human Bone Marrow Stromal Cells Lose Immunosuppressive and Anti-inflammatory Properties upon Oncogenic Transformation. Stem Cell Reports, 2014, 3, 606-619.	4.8	33
98	The Fanconi anemia family of genes and its correlation with breast cancer susceptibility and breast cancer features. Breast Cancer Research and Treatment, 2009, 118, 655-660.	2.5	32
99	Genetic stability of human embryonic stem cells: A first-step toward the development of potential hESC-based systems for modeling childhood leukemia. Leukemia Research, 2009, 33, 980-990.	0.8	32
100	Intra-bone marrow transplantation of human CD34+ cells into NOD/LtSz-scid IL-2rÎ³null mice permits multilineage engraftment without previous irradiation. Cytotherapy, 2010, 12, 45-49.	0.7	32
101	Multipotent Mesenchymal Stromal Cells: Clinical Applications and Cancer Modeling. Advances in Experimental Medicine and Biology, 2012, 741, 187-205.	1.6	32
102	CD133-directed CAR T-cells for MLL leukemia: on-target, off-tumor myeloablative toxicity. Leukemia, 2019, 33, 2090-2125.	7.2	30
103	NG2 antigen is a therapeutic target for MLL-rearranged B-cell acute lymphoblastic leukemia. Leukemia, 2019, 33, 1557-1569.	7.2	30
104	Daratumumab displays in vitro and in vivo anti-tumor activity in models of B-cell non-Hodgkin lymphoma and improves responses to standard chemo-immunotherapy regimens. Haematologica, 2020, 105, 1032-1041.	3.5	29
105	Diagnostic and prognostic significance of serum MicroRNAs in colorectal cancer. Journal of Surgical Oncology, 2013, 107, 217-220.	1.7	28
106	Sequential analysis of CD34+ and CD34â^' cell subsets in peripheral blood and leukapheresis products from breast cancer patients mobilized with SCF plus G-CSF and cyclophosphamide. Leukemia, 2001, 15, 430-439.	7.2	27
107	Maintenance of Human Embryonic Stem Cells in Mesenchymal Stem Cell-Conditioned Media Augments Hematopoietic Specification. Stem Cells and Development, 2012, 21, 1549-1558.	2.1	27
108	Ligand-independent FLT3 activation does not cooperate with MLL-AF4 to immortalize/transform cord blood CD34+ cells. Leukemia, 2014, 28, 666-674.	7.2	27

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109	GATA2 Promotes Hematopoietic Development and Represses Cardiac Differentiation of Human Mesoderm. Stem Cell Reports, 2019, 13, 515-529.	4.8	27
110	Influence of the different CD34+ and CD34- cell subsets infused on clinical outcome after non-myeloablative allogeneic peripheral blood transplantation from human leucocyte antigen-identical sibling donors. British Journal of Haematology, 2002, 119, 135-143.	2.5	26
111	Generation and characterization of a human iPSC cell line expressing inducible Cas9 in the â€œsafe harborâ€•AAVS1 locus. Stem Cell Research, 2017, 21, 137-140.	0.7	26
112	Loss of 5hmC identifies a new type of aberrant DNA hypermethylation in glioma. Human Molecular Genetics, 2018, 27, 3046-3059.	2.9	26
113	The Adaptation of Human Embryonic Stem Cells to Different Feeder-Free Culture Conditions Is Accompanied by a Mitochondrial Response. Stem Cells and Development, 2012, 21, 1145-1155.	2.1	25
114	SCL/TAL1-mediated Transcriptional Network Enhances Megakaryocytic Specification of Human Embryonic Stem Cells. Molecular Therapy, 2015, 23, 158-170.	8.2	25
115	Natural history and cell of origin of TCF3-ZNF384 and PTPN11 mutations in monozygotic twins with concordant BCP-ALL. Blood, 2019, 134, 900-905.	1.4	25
116	Proâ€inflammatory cytokines favor the emergence of ETV6â€RUNX1â€positive preâ€leukemic cells in a model of mesenchymal niche. British Journal of Haematology, 2020, 190, 262-273.	2.5	25
117	Different Patterns of Renal Osteodystrophy in Iberoamerica. American Journal of the Medical Sciences, 2000, 320, 76-80.	1.1	24
118	Triterpenoids andÂellagic acid derivatives from inÂvitro cultures ofÂCamptothecaÂacuminata Decaisne. Plant Physiology and Biochemistry, 2006, 44, 220-225.	5.8	24
119	Whole-Blastocyst Culture Followed by Laser Drilling Technology Enhances the Efficiency of ICM Isolation and ESC Derivation from Good- and Poor-Quality Mouse Embryos: New Insights for Derivation of hESC Lines. Stem Cells and Development, 2008, 17, 255-268.	2.1	24
120	Genetic Rescue of Mitochondrial and Skeletal Muscle Impairment in an Induced Pluripotent Stem Cells Model of Coenzyme Q10 Deficiency. Stem Cells, 2017, 35, 1687-1703.	3.2	24
121	Staining of bone aluminium: comparison between aluminon and solocbrome azurine and their correlation with bone aluminium content. Nephrology Dialysis Transplantation, 1996, 11, 80-85.	0.7	23
122	Chromatin regulation by Histone H4 acetylation at Lysine 16 during cell death and differentiation in the myeloid compartment. Nucleic Acids Research, 2019, 47, 5016-5037.	14.5	23
123	Therapeutic effect of the immunomodulatory drug lenalidomide, but not pomalidomide, in experimental models of rheumatoid arthritis and inflammatory bowel disease. Experimental and Molecular Medicine, 2017, 49, e290-e290.	7.7	21
124	A novel and efficient tandem CD19- and CD22-directed CAR for B cell ALL. Molecular Therapy, 2022, 30, 550-563.	8.2	21
125	Maintenance of Human Embryonic Stem Cells in Media Conditioned by Human Mesenchymal Stem Cells Obviates the Requirement of Exogenous Basic Fibroblast Growth Factor Supplementation. Tissue Engineering - Part C: Methods, 2012, 18, 387-396.	2.1	20
126	The Globoseries Glycosphingolipid SSEA-4 Is a Marker of Bone Marrow-Derived Clonal Multipotent Stromal Cells In Vitro and In Vivo. Stem Cells and Development, 2013, 22, 1387-1397.	2.1	20

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127	Investigation into experimental toxicological properties of plant protection products having a potential link to Parkinson's disease and childhood leukaemiaâ€. EFSA Journal, 2017, 15, e04691.	1.8	20
128	Aneuploidy in Cancer: Lessons from Acute Lymphoblastic Leukemia. Trends in Cancer, 2021, 7, 37-47.	7.4	20
129	Mobilization of peripheral blood progenitor cells with a combination of cyclophosphamide, r-metHuSCF and filgrastim in patients with breast cancer previously treated with chemotherapy. Leukemia, 2003, 17, 437-441.	7.2	19
130	Intraâ€“bone marrow transplantation facilitates pauci-clonal human hematopoietic repopulation of NOD/SCID/Î²2mâ¯/â¯ mice. Experimental Hematology, 2005, 33, 1417-1426.	0.4	19
131	Expression of MLL-AF4 or AF4-MLL fusions does not impact the efficiency of DNA damage repair. Oncotarget, 2016, 7, 30440-30452.	1.8	19
132	Cellular Ontogeny and Hierarchy Influence the Reprogramming Efficiency of Human B Cells into Induced Pluripotent Stem Cells. Stem Cells, 2016, 34, 581-587.	3.2	18
133	Immunophenotypic analysis and quantification of B-1 and B-2 B cells during human fetal hematopoietic development. Leukemia, 2016, 30, 1603-1606.	7.2	18
134	Chemical exposure and infant leukaemia: development of an adverse outcome pathway (AOP) for aetiology and risk assessment research. Archives of Toxicology, 2017, 91, 2763-2780.	4.2	18
135	Evaluation of a CD61 MoAb method for enumeration of platelets in thrombocytopenic patients and its impact on the transfusion decision-making process. Transfusion, 2001, 41, 1212-1216.	1.6	17
136	Transmissible cytotoxicity of multiple myeloma cells by cord blood-derived NK cells is mediated by vesicle trafficking. Cell Death and Differentiation, 2015, 22, 96-107.	11.2	17
137	RUNX1cRegulates Hematopoietic Differentiation of Human Pluripotent Stem Cells Possibly in Cooperation with Proinflammatory Signaling. Stem Cells, 2017, 35, 2253-2266.	3.2	17
138	Pharmacological modulation of CXCR4 cooperates with BET bromodomain inhibition in diffuse large B-cell lymphoma. Haematologica, 2019, 104, 778-788.	3.5	17
139	Endoplasmic Reticulum Stress Signals in Defined Human Embryonic Stem Cell Lines and Culture Conditions. Stem Cell Reviews and Reports, 2010, 6, 462-472.	5.6	16
140	Large-scale transcriptional profiling and functional assays reveal important roles for Rho-GTPase signalling and SCL during haematopoietic differentiation of human embryonic stem cells. Human Molecular Genetics, 2011, 20, 4932-4946.	2.9	16
141	The role of RUNX1 isoforms in hematopoietic commitment of human pluripotent stem cells. Blood, 2013, 121, 5250-5252.	1.4	16
142	Role of BRD4 in hematopoietic differentiation of embryonic stem cells. Epigenetics, 2014, 9, 566-578.	2.7	16
143	Concise Review: Induced Pluripotency by Defined Factors: Prey of Oxidative Stress. Stem Cells, 2015, 33, 1371-1376.	3.2	16
144	p73 is required for appropriate BMP-induced mesenchymal-to-epithelial transition during somatic cell reprogramming. Cell Death and Disease, 2017, 8, e3034-e3034.	6.3	16

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145	Bone marrow MSC from pediatric patients with B-ALL highly immunosuppress T-cell responses but do not compromise CD19-CAR T-cell activity. , 2020, 8, e001419.		16
146	Impaired Condensin Complex and Aurora B kinase underlie mitotic and chromosomal defects in hyperdiploid B-cell ALL. Blood, 2020, 136, 313-327.	1.4	16
147	Enhanced hemato-endothelial specification during human embryonic differentiation through developmental cooperation between AF4-MLL and MLL-AF4 fusions. Haematologica, 2019, 104, 1189-1201.	3.5	15
148	Penetrating carotid artery: uncommon complex and lethal injuries. European Journal of Trauma and Emergency Surgery, 2011, 37, 429-437.	1.7	14
149	Primary Neuroendocrine Breast Carcinoma. Clinical Breast Cancer, 2012, 12, 300-303.	2.4	14
150	Integrative methylome-transcriptome analysis unravels cancer cell vulnerabilities in infant MLL-rearranged B cell acute lymphoblastic leukemia. Journal of Clinical Investigation, 2021, 131, .	8.2	14
151	Derivation and Characterization of Hematopoietic Cells From Human Embryonic Stem Cells. , 2006, 331, 179-200.		13
152	Specific Marking of hESCs-Derived Hematopoietic Lineage by WAS-Promoter Driven Lentiviral Vectors. PLoS ONE, 2012, 7, e39091.	2.5	13
153	Generation, genome edition and characterization of iPSC lines from a patient with coenzyme Q 10 deficiency harboring a heterozygous mutation in COQ4 gene. Stem Cell Research, 2017, 24, 144-147.	0.7	13
154	The AF4-MLL fusion transiently augments multilineage hematopoietic engraftment but is not sufficient to initiate leukemia in cord blood CD34+ cells. Oncotarget, 2017, 8, 81936-81941.	1.8	13
155	Spanish Stem Cell Bank Interviews Examine the Interest of Couples in Donating Surplus Human IVF Embryos for Stem Cell Research. Cell Stem Cell, 2007, 1, 17-20.	11.1	12
156	Bone marrow mesenchymal stem/stromal cells from risk-stratified acute myeloid leukemia patients are anti-inflammatory in in vivo preclinical models of hematopoietic reconstitution and severe colitis. Haematologica, 2019, 104, e54-e58.	3.5	12
157	Robustness of Catalytically Dead Cas9 Activators in Human Pluripotent and Mesenchymal Stem Cells. Molecular Therapy - Nucleic Acids, 2020, 20, 196-204.	5.1	12
158	Intratumoral heterogeneity and clonal evolution in blood malignancies and solid tumors. Oncotarget, 2017, 8, 66742-66746.	1.8	12
159	Immunophenotypic characteristics of PB-mobilised CD34+ hematopoietic progenitor cells. Journal of Biological Regulators and Homeostatic Agents, 2001, 15, 53-61.	0.7	12
160	Overcoming CAR-Mediated CD19 Downmodulation and Leukemia Relapse with T Lymphocytes Secreting Anti-CD19 T-cell Engagers. Cancer Immunology Research, 2022, 10, 498-511.	3.4	12
161	Human embryonic stem cells: A potential system for modeling infant leukemia harboring MLL-AF4 fusion gene. Drug Discovery Today: Disease Models, 2007, 4, 53-60.	1.2	11
162	Molecular profiling of candidate human hematopoietic stem cells derived from human embryonic stem cells. Experimental Hematology, 2008, 36, 1436-1448.	0.4	11

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