

Felipe Prosper

List of Publications by Year in Descending Order

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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.

435
papers

16,705
citations

67
h-index

113
g-index

507
ext. papers

19,451
ext. citations

6.2
avg, IF

6.26
L-index

#	Paper	IF	Citations
435	Preneoplastic somatic mutations including in lymphoplasmacytic lymphoma.. <i>Science Advances</i> , 2022 , 8, eabl4644	14.3	4
434	A network-based approach to integrate nutrient microenvironment in the prediction of synthetic lethality in cancer metabolism.. <i>PLoS Computational Biology</i> , 2022 , 18, e1009395	5	0
433	Deconvolution of the hematopoietic stem cell microenvironment reveals a high degree of specialization and conservation.. <i>IScience</i> , 2022 , 25, 104225	6.1	0
432	CRISPR-Cas9 inhibition of hepatic LDH as treatment of primary hyperoxaluria.. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022 , 25, 137-146	6.4	1
431	SimiC enables the inference of complex gene regulatory dynamics across cell phenotypes.. <i>Communications Biology</i> , 2022 , 5, 351	6.7	0
430	Overcoming T cell dysfunction in acidic pH to enhance adoptive T cell transfer immunotherapy.. <i>Oncolmmunology</i> , 2022 , 11, 2070337	7.2	1
429	A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells.. <i>Cell Metabolism</i> , 2022 ,	24.6	2
428	G9a inhibition by CM-272: Developing a novel anti-tumoral strategy for castration-resistant prostate cancer using 2D and 3D in vitro models.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 150, 113031	7.5	1
427	Epigenetic mechanisms and metabolic reprogramming in fibrogenesis: dual targeting of G9a and DNMT1 for the inhibition of liver fibrosis. <i>Gut</i> , 2021 , 70, 388-400	19.2	21
426	ISOLATION METHODS OF LARGE AND SMALL EXTRACELLULAR VESICLES DERIVED FROM CARDIOVASCULAR PROGENITORS: A COMPARATIVE STUDY.. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 ,	5.7	4
425	Long-term efficacy of autologous bone marrow mesenchymal stromal cells for treatment of knee osteoarthritis.. <i>Journal of Translational Medicine</i> , 2021 , 19, 506	8.5	1
424	Results from a Pilot Study of ARI0002h, an Academic BCMA-Directed CAR-T Cell Therapy with Fractionated Initial Infusion and Booster Dose in Patients with Relapsed and/or Refractory Multiple Myeloma. <i>Blood</i> , 2021 , 138, 2837-2837	2.2	2
423	Persistence of High Levels of Serum Complement C5a in Severe COVID-19 Cases After Hospital Discharge. <i>Frontiers in Immunology</i> , 2021 , 12, 767376	8.4	1
422	Correlative Biological Studies Related to the Response, Peak and Persistence of ARI0002h, an Academic BCMA-Directed CAR-T Cell, with Fractionated Initial Infusion and Booster Dose for Patients with Relapsed and/or Refractory Multiple Myeloma (RRMM). <i>Blood</i> , 2021 , 138, 552-552	2.2	1
421	Integrated Multidimensional Flow Cytometry (MFC) and Next-Generation Sequencing (NGS) to Reconstruct Evolutionary Paterns from Dysplasia to Acute Myeloid Leukemia (AML). <i>Blood</i> , 2021 , 138, 520-520	2.2	
420	Single-Cell Transcriptomics Study of Human Hematopoietic Progenitors Reveals Alterations Associated with Aging and Myeloid Malignancies. <i>Blood</i> , 2021 , 138, 1082-1082	2.2	
419	Microenvironment Profiling in Myelodysplastic Syndromes and Its Relationship to Clonal Hematopoiesis and Disease Progression. <i>Blood</i> , 2021 , 138, 4650-4650	2.2	

418	A Phase 1b/2 Study of Navtemadlin (KRT-232), a Murine Double Minute 2 Inhibitor, Combined with a BCR-ABL Tyrosine Kinase Inhibitor in Patients with Relapsed/Refractory, TP53WT, Ph+ Chronic Myeloid Leukemia. <i>Blood</i> , 2021 , 138, 2562-2562	2.2	
417	CAR Density Influences Antitumoral Efficacy of BCMA CAR-T Cells and Correlates with Clinical Outcome. <i>Blood</i> , 2021 , 138, 735-735	2.2	5
416	Landscape and clinical significance of long noncoding RNAs involved in multiple myeloma expressed fusion transcripts.. <i>American Journal of Hematology</i> , 2021 ,	7.1	1
415	Association of Gene Polymorphisms with Cleft Lip with or without Cleft Palate in the Polish Population. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
414	Dual Targeting of G9a and DNA Methyltransferase-1 for the Treatment of Experimental Cholangiocarcinoma. <i>Hepatology</i> , 2021 , 73, 2380-2396	11.2	3
413	Design and Synthesis of Novel Epigenetic Inhibitors Targeting Histone Deacetylases, DNA Methyltransferase 1, and Lysine Methyltransferase G9a with Efficacy in Multiple Myeloma. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 3392-3426	8.3	5
412	Epigenetic Modifiers: Anti-Neoplastic Drugs With Immunomodulating Potential. <i>Frontiers in Immunology</i> , 2021 , 12, 652160	8.4	5
411	Online monitoring of hiPSC expansion and hepatic differentiation in 3D culture by dielectric spectroscopy. <i>Biotechnology and Bioengineering</i> , 2021 , 118, 3610-3617	4.9	4
410	The Role of lncRNAs in the Pathobiology and Clinical Behavior of Multiple Myeloma. <i>Cancers</i> , 2021 , 13,	6.6	1
409	Endobronchial autologous bone marrow-mesenchymal stromal cells in idiopathic pulmonary fibrosis: a phase I trial. <i>ERJ Open Research</i> , 2021 , 7,	3.5	3
408	Notch3 Deficiency Attenuates Pulmonary Fibrosis and Impedes Lung-Function Decline. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 465-476	5.7	5
407	Activation-induced deaminase is critical for the establishment of DNA methylation patterns prior to the germinal center reaction. <i>Nucleic Acids Research</i> , 2021 , 49, 5057-5073	20.1	1
406	Delivery of cardiovascular progenitors with biomimetic microcarriers reduces adverse ventricular remodeling in a rat model of chronic myocardial infarction. <i>Acta Biomaterialia</i> , 2021 , 126, 394-407	10.8	4
405	Gene expression derived from alternative promoters improves prognostic stratification in multiple myeloma. <i>Leukemia</i> , 2021 , 35, 3012-3016	10.7	3
404	The Mutational Landscape of Acute Myeloid Leukaemia Predicts Responses and Outcomes in Elderly Patients from the PETHEMA-FLUGAZA Phase 3 Clinical Trial. <i>Cancers</i> , 2021 , 13,	6.6	1
403	Molecular and Cellular Mechanisms of Delayed Fracture Healing in Mmp10 (Stromelysin 2) Knockout Mice. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 2203-2213	6.3	0
402	Tumor cells in light-chain amyloidosis and myeloma show distinct transcriptional rewiring of normal plasma cell development. <i>Blood</i> , 2021 , 138, 1583-1589	2.2	4
401	Immunogenetic characterization of clonal plasma cells in systemic light-chain amyloidosis. <i>Leukemia</i> , 2021 , 35, 245-249	10.7	6

400	Insights into therapeutic products, preclinical research models, and clinical trials in cardiac regenerative and reparative medicine: where are we now and the way ahead. Current opinion paper of the ESC Working Group on Cardiovascular Regenerative and Reparative Medicine. <i>Cardiovascular Research</i> , 2021 , 117, 1428-1433	9.9	7
399	The Nuclear Receptor ESRRA Protects from Kidney Disease by Coupling Metabolism and Differentiation. <i>Cell Metabolism</i> , 2021 , 33, 379-394.e8	24.6	27
398	Endogenous Retroelement Activation by Epigenetic Therapy Reverses the Warburg Effect and Elicits Mitochondrial-Mediated Cancer Cell Death. <i>Cancer Discovery</i> , 2021 , 11, 1268-1285	24.4	10
397	Preclinical evaluation of a synthetic peptide vaccine against SARS-CoV-2 inducing multi-epitopic and cross-reactive humoral neutralizing and cellular CD4 and CD8 responses. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1931-1946	18.9	6
396	Targeting aberrant DNA methylation in mesenchymal stromal cells as a treatment for myeloma bone disease. <i>Nature Communications</i> , 2021 , 12, 421	17.4	11
395	Dynamics of genome architecture and chromatin function during human B cell differentiation and neoplastic transformation. <i>Nature Communications</i> , 2021 , 12, 651	17.4	14
394	Measurable residual disease in elderly acute myeloid leukemia: results from the PETHEMA-FLUGAZA phase 3 clinical trial. <i>Blood Advances</i> , 2021 , 5, 760-770	7.8	3
393	Characterization of complete lncRNAs transcriptome reveals the functional and clinical impact of lncRNAs in multiple myeloma. <i>Leukemia</i> , 2021 , 35, 1438-1450	10.7	8
392	Extracellular Vesicle-Based Therapeutics for Heart Repair. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
391	Preclinical Evaluation of the Safety and Immunological Action of Allogeneic ADSC-Collagen Scaffolds in the Treatment of Chronic Ischemic Cardiomyopathy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
390	Immune biomarkers to predict SARS-CoV-2 vaccine effectiveness in patients with hematological malignancies.. <i>Blood Cancer Journal</i> , 2021 , 11, 202	7	4
389	Prognostic impact of micromegakaryocytes in primary myelodysplastic syndromes.. <i>Leukemia and Lymphoma</i> , 2021 , 1-9	1.9	
388	Assessment of Minimal Residual Disease by Next Generation Sequencing in Peripheral Blood as a Complementary Tool for Personalized Transplant Monitoring in Myeloid Neoplasms. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
387	Circulating tumor cells for comprehensive and multiregional non-invasive genetic characterization of multiple myeloma. <i>Leukemia</i> , 2020 , 34, 3007-3018	10.7	7
386	Immunogenomic identification and characterization of granulocytic myeloid-derived suppressor cells in multiple myeloma. <i>Blood</i> , 2020 , 136, 199-209	2.2	31
385	Upregulated expression and function of the $\alpha 4 \beta 1$ integrin in multiple myeloma cells resistant to bortezomib. <i>Journal of Pathology</i> , 2020 , 252, 29-40	9.4	6
384	Induction of Cyclooxygenase-2 by Overexpression of the Human NADPH Oxidase 5 (NOX5) Gene in Aortic Endothelial Cells. <i>Cells</i> , 2020 , 9,	7.9	9
383	Adipose-derived mesenchymal stromal cells for the treatment of patients with severe SARS-CoV-2 pneumonia requiring mechanical ventilation. A proof of concept study. <i>EClinicalMedicine</i> , 2020 , 25, 100454	11.3	87

382	Functional and transcriptomic analysis of extracellular vesicles identifies calprotectin as a new prognostic marker in peripheral arterial disease (PAD). <i>Journal of Extracellular Vesicles</i> , 2020 , 9, 1729646	16.4	17
381	Spanish Cell Therapy Network (TerCel): 15 years of successful collaborative translational research. <i>Cytotherapy</i> , 2020 , 22, 1-5	4.8	1
380	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design. <i>PLoS ONE</i> , 2020 , 15, e0227986	3.7	15
379	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death 2020 , 8,		233
378	Inhibition of SARS-CoV-2 Infections in Engineered Human Tissues Using Clinical-Grade Soluble Human ACE2. <i>Cell</i> , 2020 , 181, 905-913.e7	56.2	1293
377	Characterization of freshly isolated bone marrow mesenchymal stromal cells from healthy donors and patients with multiple myeloma: transcriptional modulation of the microenvironment. <i>Haematologica</i> , 2020 , 105, e470-473	6.6	9
376	Measurable Residual Disease (MRD) in Elderly Acute Myeloid Leukemia (AML): Results from the Pethema-Flugaza Phase III Clinical Trial. <i>Blood</i> , 2020 , 136, 32-32	2.2	
375	Waldenström Macroglobulinemia (WM) Is Preceded By Clonal Lymphopoiesis Including MYD88 L265P in Progenitor B Cells. <i>Blood</i> , 2020 , 136, 42-43	2.2	0
374	Single-Cell RNA Sequencing Analysis Reveals a Crucial Role for CTHRC1 (Collagen Triple Helix Repeat Containing 1) Cardiac Fibroblasts After Myocardial Infarction. <i>Circulation</i> , 2020 , 142, 1831-1847	16.7	33
373	Discordances between Immunofixation (IFx) and Minimal Residual Disease (MRD) Assessment with Next-Generation Flow (NGF) and Sequencing (NGS) in Patients (Pts) with Multiple Myeloma (MM): Clinical and Pathogenic Significance. <i>Blood</i> , 2020 , 136, 5-6	2.2	2
372	Biological and clinical significance of dysplastic hematopoiesis in patients with newly diagnosed multiple myeloma. <i>Blood</i> , 2020 , 135, 2375-2387	2.2	11
371	Strategy for identification of a potential inherited leukemia predisposition in a 299 patient cohort with tumor-only sequencing data. <i>Leukemia Research</i> , 2020 , 95, 106386	2.7	2
370	Effect of heart ischemia and administration route on biodistribution and transduction efficiency of AAV9 vectors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020 , 14, 123-134	4.4	7
369	Autologous adipose-derived stem cells for the treatment of complex cryptoglandular perianal fistula: A randomized clinical trial with long-term follow-up. <i>Stem Cells Translational Medicine</i> , 2020 , 9, 295-301	6.9	26
368	CAR T-Cells in Multiple Myeloma Are Ready for Prime Time. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	9
367	Engineering a Humanised Niche to Support Human Haematopoiesis in Mice: Novel Opportunities in Modelling Cancer. <i>Cancers</i> , 2020 , 12,	6.6	3
366	The proliferative history shapes the DNA methylome of B-cell tumors and predicts clinical outcome. <i>Nature Cancer</i> , 2020 , 1, 1066-1081	15.4	11
365	Cells, Materials, and Fabrication Processes for Cardiac Tissue Engineering. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 955	5.8	11

364	Phase II multicenter randomized controlled clinical trial on the efficacy of intra-articular injection of autologous bone marrow mesenchymal stem cells with platelet rich plasma for the treatment of knee osteoarthritis. <i>Journal of Translational Medicine</i> , 2020 , 18, 356	8.5	18
363	Chromatin activation as a unifying principle underlying pathogenic mechanisms in multiple myeloma. <i>Genome Research</i> , 2020 , 30, 1217-1227	9.7	11
362	The hydroxymethylome of multiple myeloma identifies FAM72D as a 1q21 marker linked to proliferation. <i>Haematologica</i> , 2020 , 105, 774-783	6.6	10
361	Genotyping and Sequencing 2020 , 33-39		
360	Transcriptional profiling of circulating tumor cells in multiple myeloma: a new model to understand disease dissemination. <i>Leukemia</i> , 2020 , 34, 589-603	10.7	19
359	A novel FTY720 analogue targets SET-PP2A interaction and inhibits growth of acute myeloid leukemia cells without inducing cardiac toxicity. <i>Cancer Letters</i> , 2020 , 468, 1-13	9.9	12
358	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design 2020 , 15, e0227986		
357	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design 2020 , 15, e0227986		
356	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design 2020 , 15, e0227986		
355	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design 2020 , 15, e0227986		
354	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design 2020 , 15, e0227986		
353	Assessment of the clinical utility of four NGS panels in myeloid malignancies. Suggestions for NGS panel choice or design 2020 , 15, e0227986		
352	DNA Methylation of Enhancer Elements in Myeloid Neoplasms: Think Outside the Promoters?. <i>Cancers</i> , 2019 , 11,	6.6	10
351	Anisotropic Cryostructured Collagen Scaffolds for Efficient Delivery of RhBMP-2 and Enhanced Bone Regeneration. <i>Materials</i> , 2019 , 12,	3.5	5
350	The Mechanism of Action of the Anti-CD38 Monoclonal Antibody Isatuximab in Multiple Myeloma. <i>Clinical Cancer Research</i> , 2019 , 25, 3176-3187	12.9	107
349	Role of the Extracellular Matrix in Stem Cell Maintenance. <i>Current Stem Cell Reports</i> , 2019 , 5, 1-10	1.8	10
348	Epigenomic profiling of myelofibrosis reveals widespread DNA methylation changes in enhancer elements and as a potential tumor suppressor gene that is epigenetically regulated. <i>Haematologica</i> , 2019 , 104, 1572-1579	6.6	8
347	Cost-Effective, Safe, and Personalized Cell Therapy for Critical Limb Ischemia in Type 2 Diabetes Mellitus. <i>Frontiers in Immunology</i> , 2019 , 10, 1151	8.4	26

346	Perspectives on Directions and Priorities for Future Preclinical Studies in Regenerative Medicine. <i>Circulation Research</i> , 2019 , 124, 938-951	15.7	20
345	Long-Term Engraftment of Human Cardiomyocytes Combined with Biodegradable Microparticles Induces Heart Repair. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 370, 761-771	4.7	13
344	A quantitative method for the detection of muscle functional active and passive behavior recovery in models of damage-regeneration. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2019 , 233, 1594-1603	1.3	
343	Dual Targeting of Histone Methyltransferase G9a and DNA-Methyltransferase 1 for the Treatment of Experimental Hepatocellular Carcinoma. <i>Hepatology</i> , 2019 , 69, 587-603	11.2	56
342	Inhibition of a G9a/DNMT network triggers immune-mediated bladder cancer regression. <i>Nature Medicine</i> , 2019 , 25, 1073-1081	50.5	71
341	Generation of an induced pluripotent stem cell line (CIMAi001-A) from a compound heterozygous Primary Hyperoxaluria Type I (PH1) patient carrying p.G170R and p.R122* mutations in the AGXT gene. <i>Stem Cell Research</i> , 2019 , 41, 101626	1.6	2
340	Single-Cell Characterization of the Multiple Myeloma (MM) Immune Microenvironment Identifies CD27-Negative T Cells As Potential Source of Tumor-Reactive Lymphocytes. <i>Blood</i> , 2019 , 134, 506-506	2.2	4
339	Waldenström Macroglobulinemia (WM) Is Preceded By Clonal Lymphopoiesis Including MYD88 L265P in Progenitor B Cells. <i>Blood</i> , 2019 , 134, 1527-1527	2.2	1
338	The Pathogenesis of Multiple Myeloma (MM) Is Preceded By Mutated Lymphopoiesis and B Cell Oligoclonality That Persist in Patients with Negative Minimal Residual Disease (MRD). <i>Blood</i> , 2019 , 134, 509-509	2.2	1
337	Circulating Tumor Cells (CTCs) for Comprehensive and Multiregional Non-Invasive Genetic Characterization of Multiple Myeloma (MM). <i>Blood</i> , 2019 , 134, 3064-3064	2.2	1
336	Characterization of Complete Lncrnas Transcriptome Reveals Expression of Lncrnas As a Prognostic Factor and Linc-Smilo As a Potential Therapeutic Target in Multiple Myeloma. <i>Blood</i> , 2019 , 134, 4323-4323	2.2	1
335	Lncrnas As New Partners of Novel Chimeric Transcripts in Multiple Myeloma. <i>Blood</i> , 2019 , 134, 4356-4356	2.2	1
334	Computational Systems Biology Models for the Identification of Metabolic Vulnerabilities in Multiple Myeloma. <i>Blood</i> , 2019 , 134, 3084-3084	2.2	
333	Transcriptional Regulation of Hematopoietic Stem Cells in Aging and Myelodysplastic Syndrome Reveals DDIT3 As a Potential Driver of Transformation. <i>Blood</i> , 2019 , 134, 3764-3764	2.2	
332	Strategy for Identification of an Inherited Leukemia Predisposition in a 299 Patients Cohort with Tumor-Only Sequencing Data. <i>Blood</i> , 2019 , 134, 1415-1415	2.2	
331	Mutational Profiling Predicts Clinical Outcomes to Azacytidine and Low Dose Cytarabine Plus Fludarabine (FLUGA) in Elderly Acute Myeloid Leukemia Patients Enrolled in the Pethema Phase III Flugaza Trial. <i>Blood</i> , 2019 , 134, 3891-3891	2.2	
330	Differentiation Therapy with Novel Epigenetic Inhibitors in Acute Myeloid Leukemia. <i>Blood</i> , 2019 , 134, 3762-3762	2.2	1
329	A Computational Based Approach for Identification and Validation of Gene Mutations As Surrogate Markers of Gene Essentiality in Acute Myeloid Leukemia. <i>Blood</i> , 2019 , 134, 1414-1414	2.2	

328	Long non-coding RNAs discriminate the stages and gene regulatory states of human humoral immune response. <i>Nature Communications</i> , 2019 , 10, 821	17.4	49
327	Periosteum-derived mesenchymal progenitor cells in engineered implants promote fracture healing in a critical-size defect rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019 , 13, 742-752	4.4	8
326	Tolerogenic dendritic cell-based treatment for multiple sclerosis (MS): a harmonised study protocol for two phase I clinical trials comparing intradermal and intranodal cell administration. <i>BMJ Open</i> , 2019 , 9, e030309	3	35
325	HDAC Inhibitors in Acute Myeloid Leukemia. <i>Cancers</i> , 2019 , 11,	6.6	53
324	Preclinical Evaluation of a Cell-Based Gene Therapy Using the Sleeping Beauty Transposon System in Choroidal Neovascularization. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 15, 403-417	6.4	6
323	NRG1 PLGA MP locally induce macrophage polarisation toward a regenerative phenotype in the heart after acute myocardial infarction. <i>Journal of Drug Targeting</i> , 2019 , 27, 573-581	5.4	7
322	Flow cytometry for fast screening and automated risk assessment in systemic light-chain amyloidosis. <i>Leukemia</i> , 2019 , 33, 1256-1267	10.7	11
321	Richter transformation driven by Epstein-Barr virus reactivation during therapy-related immunosuppression in chronic lymphocytic leukaemia. <i>Journal of Pathology</i> , 2018 , 245, 61-73	9.4	15
320	COBRA methods and metabolic drug targets in cancer. <i>Molecular and Cellular Oncology</i> , 2018 , 5, e1389672	12	1
319	Anti-PD1 associated fulminant myocarditis after a single pembrolizumab dose: the role of occult pre-existing autoimmunity. <i>Haematologica</i> , 2018 , 103, e318-e321	6.6	35
318	Electrospun poly(hydroxybutyrate) scaffolds promote engraftment of human skin equivalents via macrophage M2 polarization and angiogenesis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e983-e994	4.4	16
317	Role of substrate biomechanics in controlling (stem) cell fate: Implications in regenerative medicine. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, 1012-1019	4.4	12
316	Autologous bioscaffolds based on different concentrations of platelet rich plasma and synovial fluid as a vehicle for mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 377-385	5.4	3
315	Intra-articular injection of two different doses of autologous bone marrow mesenchymal stem cells versus hyaluronic acid in the treatment of knee osteoarthritis: long-term follow up of a multicenter randomized controlled clinical trial (phase I/II). <i>Journal of Translational Medicine</i> , 2018 , 16, 213	8.5	59
314	Selective increase of cardiomyocyte derived extracellular vesicles after experimental myocardial infarction and functional effects on the endothelium. <i>Thrombosis Research</i> , 2018 , 170, 1-9	8.2	9
313	Detailed Exploration around 4-Aminoquinolines Chemical Space to Navigate the Lysine Methyltransferase G9a and DNA Methyltransferase Biological Spaces. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 6546-6573	8.3	16
312	Bmi1-Progenitor Cell Ablation Impairs the Angiogenic Response to Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 2160-2173	9.4	7
311	Role of Measurable Residual Disease (MRD) in Redefining Complete Response (CR) in Elderly Patients with Acute Myeloid Leukemia (AML): Results from the Pethema-Flugaza Phase III Clinical Trial. <i>Blood</i> , 2018 , 132, 433-433	2.2	2

310	Transcriptomic Profiling of Circulating Tumor Cells (CTCs) in Multiple Myeloma (MM): A New Model to Understand Disease Dissemination. <i>Blood</i> , 2018 , 132, 245-245	2.2	1
309	Deregulation of in acute lymphoblastic leukemia is implicated in abnormal proliferation of leukemic cells. <i>Oncotarget</i> , 2018 , 9, 12842-12852	3.3	32
308	Understanding the Cellular Origin and Pathogenic Transcriptional Programs in Multiple Myeloma (MM) and Light-Chain Amyloidosis (AL) through the Dissection of the Normal Plasma Cell (PC) Development. <i>Blood</i> , 2018 , 132, 188-188	2.2	
307	Genetic Profiling and Novel Recurrent Chromosomal Alterations in Patients with Light Chain Amyloidosis. <i>Blood</i> , 2018 , 132, 4488-4488	2.2	
306	Multidimensional Immunophenotyping Identifies Hallmarks of Systemic Light-Chain Amyloidosis (AL) and Maps the Disease in the Crossroad between MGUS and Multiple Myeloma (MM). <i>Blood</i> , 2018 , 132, 3170-3170	2.2	
305	Next generation flow for minimally-invasive blood characterization of MGUS and multiple myeloma at diagnosis based on circulating tumor plasma cells (CTPC). <i>Blood Cancer Journal</i> , 2018 , 8, 117	7	35
304	CRISPR/Cas9-mediated glycolate oxidase disruption is an efficacious and safe treatment for primary hyperoxaluria type I. <i>Nature Communications</i> , 2018 , 9, 5454	17.4	41
303	Allogeneic Mesenchymal Stem Cells and Biomaterials: The Perfect Match for Cardiac Repair?. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	17
302	Generation of four Isl1 reporter iPSC lines from cardiac and tail-tip fibroblasts derived from Ai6IslCre mouse. <i>Stem Cell Research</i> , 2018 , 33, 125-129	1.6	
301	Effect of bone marrow stromal cells in combination with biomaterials in early phases of distraction osteogenesis: An experimental study in a rabbit femur model. <i>Injury</i> , 2018 , 49, 1979-1986	2.5	7
300	The reference epigenome and regulatory chromatin landscape of chronic lymphocytic leukemia. <i>Nature Medicine</i> , 2018 , 24, 868-880	50.5	103
299	Tissue Mimicry in Morphology and Composition Promotes Hierarchical Matrix Remodeling of Invading Stem Cells in Osteochondral and Meniscus Scaffolds. <i>Advanced Materials</i> , 2018 , 30, e1706754	24	25
298	Discovery of Reversible DNA Methyltransferase and Lysine Methyltransferase G9a Inhibitors with Antitumoral in Vivo Efficacy. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 6518-6545	8.3	27
297	Phase 1-2 pilot clinical trial in patients with decompensated liver cirrhosis treated with bone marrow-derived endothelial progenitor cells. <i>Translational Research</i> , 2017 , 188, 80-91.e2	11	20
296	First-line use of rituximab correlates with increased overall survival in late post-transplant lymphoproliferative disorders: retrospective, single-centre study. <i>European Journal of Haematology</i> , 2017 , 98, 38-43	3.8	12
295	Transplantation of adipose-derived stem cells combined with neuregulin-microparticles promotes efficient cardiac repair in a rat myocardial infarction model. <i>Journal of Controlled Release</i> , 2017 , 249, 23-31	11.7	27
294	Is immunotherapy here to stay in multiple myeloma?. <i>Haematologica</i> , 2017 , 102, 423-432	6.6	31
293	Target Expression, Generation, Preclinical Activity, and Pharmacokinetics of the BCMA-T Cell Bispecific Antibody EM801 for Multiple Myeloma Treatment. <i>Cancer Cell</i> , 2017 , 31, 396-410	24.3	180

292	Generation of a Sprague-Dawley-GFP rat iPS cell line. <i>Stem Cell Research</i> , 2017 , 21, 47-50	1.6	2
291	Non-invasive in vivo imaging of cardiac stem/progenitor cell biodistribution and retention after intracoronary and intramyocardial delivery in a swine model of chronic ischemia reperfusion injury. <i>Journal of Translational Medicine</i> , 2017 , 15, 56	8.5	15
290	Isolation and characterization of Sprague-Dawley and Wistar Kyoto GFP rat embryonic stem cells. <i>Stem Cell Research</i> , 2017 , 21, 40-43	1.6	0
289	Discovery of first-in-class reversible dual small molecule inhibitors against G9a and DNMTs in hematological malignancies. <i>Nature Communications</i> , 2017 , 8, 15424	17.4	74
288	The Mutational Landscape of Circulating Tumor Cells in Multiple Myeloma. <i>Cell Reports</i> , 2017 , 19, 218-224	1.6	67
287	Generation of Macaca fascicularis iPS cell line ATCi-MF1 from adult skin fibroblasts using non-integrative Sendai viruses. <i>Stem Cell Research</i> , 2017 , 21, 1-4	1.6	2
286	In-silico gene essentiality analysis of polyamine biosynthesis reveals APRT as a potential target in cancer. <i>Scientific Reports</i> , 2017 , 7, 14358	4.9	6
285	Global position paper on cardiovascular regenerative medicine. <i>European Heart Journal</i> , 2017 , 38, 2532-2546	2.5	90
284	Long-Term PEDF Release in Rat Iris and Retinal Epithelial Cells after Sleeping Beauty Transposon-Mediated Gene Delivery. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 9, 1-11	10.7	10
283	Cell Reprogramming for Cardiac Regeneration and Rare Disease Modeling. <i>Molecular and Translational Medicine</i> , 2017 , 173-196	0.4	
282	Whole-Cell Recording of Neuronal Membrane Potential during Behavior. <i>Neuron</i> , 2017 , 95, 1266-1281	13.9	49
281	An in-silico approach to predict and exploit synthetic lethality in cancer metabolism. <i>Nature Communications</i> , 2017 , 8, 459	17.4	24
280	Dual epigenetic modifiers for cancer therapy. <i>Molecular and Cellular Oncology</i> , 2017 , 4, e1342748	1.2	2
279	Hydrogel based approaches for cardiac tissue engineering. <i>International Journal of Pharmaceutics</i> , 2017 , 523, 454-475	6.5	78
278	Cytokine-loaded PLGA and PEG-PLGA microparticles showed similar heart regeneration in a rat myocardial infarction model. <i>International Journal of Pharmaceutics</i> , 2017 , 523, 531-533	6.5	27
277	Bioresorbable polymers for next-generation cardiac scaffolds 2017 , 445-467		5
276	Differentiation stage of myeloma plasma cells: biological and clinical significance. <i>Leukemia</i> , 2017 , 31, 382-392	10.7	63
275	Combined PI3K/Akt and Smad2 Activation Promotes Corneal Endothelial Cell Proliferation 2017 , 58, 745-754		17

274	Reversible dual inhibitor against G9a and DNMT1 improves human iPSC derivation enhancing MET and facilitating transcription factor engagement to the genome. <i>PLoS ONE</i> , 2017 , 12, e0190275	3.7	8
273	Phenotypic, transcriptomic, and genomic features of clonal plasma cells in light-chain amyloidosis. <i>Blood</i> , 2016 , 127, 3035-9	2.2	29
272	Intra-articular injection of two different doses of autologous bone marrow mesenchymal stem cells versus hyaluronic acid in the treatment of knee osteoarthritis: multicenter randomized controlled clinical trial (phase I/II). <i>Journal of Translational Medicine</i> , 2016 , 14, 246	8.5	177
271	Use of human pharyngeal and palatine tonsils as a reservoir for the analysis of B-cell ontogeny in 10 paired samples. <i>Clinical Otolaryngology</i> , 2016 , 41, 606-11	1.8	1
270	Generation of iPSC from cardiac and tail-tip fibroblasts derived from a second heart field reporter mouse. <i>Stem Cell Research</i> , 2016 , 16, 617-21	1.6	2
269	Targeting vasculogenesis to prevent progression in multiple myeloma. <i>Leukemia</i> , 2016 , 30, 1103-15	10.7	37
268	A new strategy to tackle severe knee osteoarthritis: Combination of intra-articular and intraosseous injections of Platelet Rich Plasma. <i>Expert Opinion on Biological Therapy</i> , 2016 , 16, 627-43	5.4	40
267	New Insights into the Mechanism of Action (MoA) of First-in-Class IgG-Based Bcma T-Cell Bispecific Antibody (TCB) for the Treatment of Multiple Myeloma (MM). <i>Blood</i> , 2016 , 128, 2096-2096	2.2	9
266	Critical Analysis on the Mechanism of Action (MoA) of the Anti-CD38 Monoclonal Antibody Isatuximab in Multiple Myeloma (MM). <i>Blood</i> , 2016 , 128, 2105-2105	2.2	11
265	Sustained Overall Survival Benefit with Lenalidomide Plus Dexamethasone Versus No Treatment in Patients with Smoldering Myeloma at High Risk of Progression to Myeloma: Long Term Analysis. <i>Blood</i> , 2016 , 128, 3308-3308	2.2	2
264	Long Non-Coding RNAs Annotation and Their Involvement in Multiple Myeloma. <i>Blood</i> , 2016 , 128, 4420-4420	2.2	1
263	Genomic Profiles of Bone Marrow (BM) Clonal Plasma Cells (PCs) Vs Circulating Tumor Cells (CTCs) and Extramedullary (EM) Plasmacytomas in Multiple Myeloma (MM). <i>Blood</i> , 2016 , 128, 4442-4442	2.2	1
262	High-Throughput Characterization and New Insight into the Role of Tumor Associated Macrophages (TAMs) in Multiple Myeloma (MM). <i>Blood</i> , 2016 , 128, 482-482	2.2	8
261	Non-Invasive Genetic Profiling Is Highly Applicable in Multiple Myeloma (MM) through Characterization of Circulating Tumor Cells (CTCs). <i>Blood</i> , 2016 , 128, 801-801	2.2	1
260	Phase I study of plitidepsin in combination with bortezomib and dexamethasone in patients with relapsed and/or refractory multiple myeloma.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 8006-8006	2.2	5
259	PLGA Nano- and Microparticles for VEGF Delivery 2016 , 445-478		
258	The Presence of MDS-like Phenotypic Abnormalities (MDS-PA) Identifies Newly Diagnosed Multiple Myeloma (MM) Patients with MDS/AML-Related Somatic Mutations and Inferior Survival. <i>Blood</i> , 2016 , 128, 375-375	2.2	1
257	Whole-Genome Analysis of the Chromatin Structure in Multiple Myeloma. <i>Blood</i> , 2016 , 128, 118-118	2.2	

256	Modulation of Synovial Fluid-Derived Mesenchymal Stem Cells by Intra-Articular and Intraosseous Platelet Rich Plasma Administration. <i>Stem Cells International</i> , 2016 , 2016, 1247950	5	14
255	Combination of Intra-Articular and Intraosseous Injections of Platelet Rich Plasma for Severe Knee Osteoarthritis: A Pilot Study. <i>BioMed Research International</i> , 2016 , 2016, 4868613	3	36
254	Hypoxia and Reactive Oxygen Species Homeostasis in Mesenchymal Progenitor Cells Define a Molecular Mechanism for Fracture Nonunion. <i>Stem Cells</i> , 2016 , 34, 2342-53	5.8	17
253	Lenalidomide plus dexamethasone versus observation in patients with high-risk smouldering multiple myeloma (QuiRedex): long-term follow-up of a randomised, controlled, phase 3 trial. <i>Lancet Oncology</i> , 2016 , 17, 1127-1136	21.7	100
252	Homeobox NKX2-3 promotes marginal-zone lymphomagenesis by activating B-cell receptor signalling and shaping lymphocyte dynamics. <i>Nature Communications</i> , 2016 , 7, 11889	17.4	32
251	Catheter-based Intramyocardial Injection of FGF1 or NRG1-loaded MPs Improves Cardiac Function in a Preclinical Model of Ischemia-Reperfusion. <i>Scientific Reports</i> , 2016 , 6, 25932	4.9	42
250	Pancreatic differentiation of Pdx1-GFP reporter mouse induced pluripotent stem cells. <i>Differentiation</i> , 2016 , 92, 249-256	3.5	6
249	Neovascularization Potential of Blood Outgrowth Endothelial Cells From Patients With Stable Ischemic Heart Failure Is Preserved. <i>Journal of the American Heart Association</i> , 2016 , 5, e002288	6	13
248	Generation and characterization of human iPSC line generated from mesenchymal stem cells derived from adipose tissue. <i>Stem Cell Research</i> , 2016 , 16, 20-3	1.6	12
247	Impaired homeostasis of hypoxia-derived reactive oxygen species during endochondral ossification repair defines a molecular mechanism for fracture nonunion. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, S144	6.2	3
246	Generation and characterization of human iPSC lines derived from a Primary Hyperoxaluria Type I patient with p.I244T mutation. <i>Stem Cell Research</i> , 2016 , 16, 116-9	1.6	13
245	Immune status of high-risk smoldering multiple myeloma patients and its therapeutic modulation under LenDex: a longitudinal analysis. <i>Blood</i> , 2016 , 127, 1151-62	2.2	49
244	Meox2/Tcf15 heterodimers program the heart capillary endothelium for cardiac fatty acid uptake. <i>Circulation</i> , 2015 , 131, 815-26	16.7	64
243	Cryopreservation of microencapsulated murine mesenchymal stem cells genetically engineered to secrete erythropoietin. <i>International Journal of Pharmaceutics</i> , 2015 , 485, 15-24	6.5	27
242	Polymeric electrospun scaffolds: neuregulin encapsulation and biocompatibility studies in a model of myocardial ischemia. <i>Tissue Engineering - Part A</i> , 2015 , 21, 1654-61	3.9	19
241	Interacting resident epicardium-derived fibroblasts and recruited bone marrow cells form myocardial infarction scar. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2057-66	15.1	101
240	Tracking the in vivo release of bioactive NRG from PLGA and PEG-PLGA microparticles in infarcted hearts. <i>Journal of Controlled Release</i> , 2015 , 220, 388-396	11.7	29
239	Neuregulin-1 induces mature ventricular cardiac differentiation from induced pluripotent stem cells contributing to cardiac tissue repair. <i>Stem Cells and Development</i> , 2015 , 24, 484-96	4.4	26

238	Generation of a High Number of Healthy Erythroid Cells from Gene-Edited Pyruvate Kinase Deficiency Patient-Specific Induced Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2015 , 5, 1053-1066	8	28
237	Whole-genome fingerprint of the DNA methylome during human B cell differentiation. <i>Nature Genetics</i> , 2015 , 47, 746-56	36.3	209
236	Efficacy of Autologous Melanocyte Transplantation on Amniotic Membrane in Patients With Stable Leukoderma: A Randomized Clinical Trial. <i>JAMA Dermatology</i> , 2015 , 151, 897-9	5.1	5
235	Heart regeneration after myocardial infarction using synthetic biomaterials. <i>Journal of Controlled Release</i> , 2015 , 203, 23-38	11.7	87
234	Substrate stiffness and composition specifically direct differentiation of induced pluripotent stem cells. <i>Tissue Engineering - Part A</i> , 2015 , 21, 1633-41	3.9	51
233	Infiltration of plasma rich in growth factors enhances in vivo angiogenesis and improves reperfusion and tissue remodeling after severe hind limb ischemia. <i>Journal of Controlled Release</i> , 2015 , 202, 31-9	11.7	42
232	Whole-epigenome analysis in multiple myeloma reveals DNA hypermethylation of B cell-specific enhancers. <i>Genome Research</i> , 2015 , 25, 478-87	9.7	92
231	Target Expression, Preclinical Activity and Mechanism of Action of EM801: A Novel First-in-Class Bcma T-Cell Bispecific Antibody for the Treatment of Multiple Myeloma. <i>Blood</i> , 2015 , 126, 117-117	2.2	10
230	Mutational Profile and Prognostic Relevance of Circulating Tumor Cells in Multiple Myeloma. <i>Blood</i> , 2015 , 126, 23-23	2.2	10
229	Next Generation Flow (NGF): A High Sensitive Technique to Detect Circulating Peripheral Blood (PB) Clonal Plasma Cells (cPC) in Patients with Newly Diagnosed of Plasma Cell Neoplasms (PCN). <i>Blood</i> , 2015 , 126, 4180-4180	2.2	3
228	Low-Dose Dexamethasone Does Not Abrogate the Immunomodulatory Effects of Lenalidomide and Both Reactivate the Impaired Immune System of High-Risk Smoldering Multiple Myeloma Patients. <i>Blood</i> , 2015 , 126, 2955-2955	2.2	
227	A comparison of electrospun polymers reveals poly(3-hydroxybutyrate) fiber as a superior scaffold for cardiac repair. <i>Stem Cells and Development</i> , 2014 , 23, 1479-90	4.4	60
226	Hypermethylation of the alternative AWT1 promoter in hematological malignancies is a highly specific marker for acute myeloid leukemias despite high expression levels. <i>Journal of Hematology and Oncology</i> , 2014 , 7, 4	22.4	15
225	The CXCR4/SDF1 axis improves muscle regeneration through MMP-10 activity. <i>Stem Cells and Development</i> , 2014 , 23, 1417-27	4.4	24
224	MMP-10 is required for efficient muscle regeneration in mouse models of injury and muscular dystrophy. <i>Stem Cells</i> , 2014 , 32, 447-61	5.8	23
223	Epicardial delivery of collagen patches with adipose-derived stem cells in rat and minipig models of chronic myocardial infarction. <i>Biomaterials</i> , 2014 , 35, 143-51	15.6	68
222	Sequential third-party mesenchymal stromal cell therapy for refractory acute graft-versus-host disease. <i>Biology of Blood and Marrow Transplantation</i> , 2014 , 20, 1580-5	4.7	80
221	Controlled delivery of fibroblast growth factor-1 and neuregulin-1 from biodegradable microparticles promotes cardiac repair in a rat myocardial infarction model through activation of endogenous regeneration. <i>Journal of Controlled Release</i> , 2014 , 173, 132-9	11.7	90

220	Heterogeneous micromechanical properties of the extracellular matrix in healthy and infarcted hearts. <i>Acta Biomaterialia</i> , 2014 , 10, 3235-42	10.8	38
219	P347Epicardial-derived interstitial fibroblasts and bone marrow-derived cell interaction determines post-infarction ventricular remodeling. <i>Cardiovascular Research</i> , 2014 , 103, S63.3-S63	9.9	
218	Long Term Follow-up on the Treatment of High Risk Smoldering Myeloma with Lenalidomide Plus Low Dose Dex (Rd) (phase III spanish trial): Persistent Benefit in Overall Survival. <i>Blood</i> , 2014 , 124, 3465-3465	3.2	6
217	Inhibition of the Methyltransferase G9a with Small Molecules As a New Therapeutic Strategy for Treatment of Hematological Malignancies. <i>Blood</i> , 2014 , 124, 3532-3532	2.2	1
216	Quantification of corneal neovascularization after ex vivo limbal epithelial stem cell therapy. <i>International Journal of Ophthalmology</i> , 2014 , 7, 988-95	1.4	6
215	Characterization of the DNA Methylome during Human B-Cell Differentiation. <i>Blood</i> , 2014 , 124, 4346-4346	4.6	
214	Novel Ex Vivo Assay Measures Drug-Induced Depletion of Hematopoietic Progenitors As an Estimate of Hematotoxicity. <i>Blood</i> , 2014 , 124, 5785-5785	2.2	
213	Mesenchymal Stem Cells for Cardiac Repair: Preclinical Models of Disease 2014 , 1-19		
212	Culture of human bone marrow-derived mesenchymal stem cells on of poly(L-lactic acid) scaffolds: potential application for the tissue engineering of cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2013 , 21, 1737-50	5.5	36
211	Lenalidomide plus dexamethasone for high-risk smoldering multiple myeloma. <i>New England Journal of Medicine</i> , 2013 , 369, 438-47	59.2	345
210	Cardiotrophin 1 protects beta cells from apoptosis and prevents streptozotocin-induced diabetes in a mouse model. <i>Diabetologia</i> , 2013 , 56, 838-46	10.3	15
209	Induced pluripotent stem cells as a new strategy for cardiac regeneration and disease modeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 62, 43-50	5.8	41
208	Epigenetic regulation of cell signaling pathways in acute lymphoblastic leukemia. <i>Epigenomics</i> , 2013 , 5, 525-38	4.4	10
207	Adipose tissue-derived mesenchymal stem cells: isolation, expansion, and characterization. <i>Methods in Molecular Biology</i> , 2013 , 1036, 47-61	1.4	53
206	Preparation and characterization of collagen-based ADSC-carrier sheets for cardiovascular application. <i>Acta Biomaterialia</i> , 2013 , 9, 6075-83	10.8	34
205	PEGylated-PLGA microparticles containing VEGF for long term drug delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 440, 13-8	6.5	51
204	Biomimetic hydroxyapatite coating on pore walls improves osteointegration of poly(L-lactic acid) scaffolds. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013 , 101, 173-86	3.5	55
203	Strategies of human corneal endothelial tissue regeneration. <i>Regenerative Medicine</i> , 2013 , 8, 183-95	2.5	18

202	Biodegradation and heart retention of polymeric microparticles in a rat model of myocardial ischemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 665-72	5.7	29
201	Functional benefits of PLGA particulates carrying VEGF and CoQ10 in an animal of myocardial ischemia. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 784-90	6.5	48
200	Downregulation of specific miRNAs in hyperdiploid multiple myeloma mimics the oncogenic effect of IgH translocations occurring in the non-hyperdiploid subtype. <i>Leukemia</i> , 2013 , 27, 925-31	10.7	29
199	Adipose-derived stem cells combined with neuregulin-1 delivery systems for heart tissue engineering. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 143-50	5.7	26
198	Cardiac Regeneration with Stem Cells 2013 , 65-112		
197	MicroRNA signatures of iPSCs and endoderm-derived tissues. <i>Gene Expression Patterns</i> , 2013 , 13, 12-20	1.5	6
196	Targeted re-sequencing analysis of 25 genes commonly mutated in myeloid disorders in del(5q) myelodysplastic syndromes. <i>Haematologica</i> , 2013 , 98, 1856-64	6.6	24
195	Long non-coding RNAs in haematological malignancies. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 15386-422	6.3	34
194	Multiple myeloma patients have a specific serum metabolomic profile that changes after achieving complete remission. <i>Clinical Cancer Research</i> , 2013 , 19, 4770-9	12.9	46
193	Silencing of ASXL1 impairs the granulomonocytic lineage potential of human CD34+ progenitor cells. <i>British Journal of Haematology</i> , 2013 , 160, 842-50	4.5	18
192	MicroRNA Deregulation by Aberrant DNA Methylation in Acute Lymphoblastic Leukemia 2013 , 371-381		
191	Unraveling a novel transcription factor code determining the human arterial-specific endothelial cell signature. <i>Blood</i> , 2013 , 122, 3982-92	2.2	66
190	Aberrant DNA methylation profile of chronic and transformed classic Philadelphia-negative myeloproliferative neoplasms. <i>Haematologica</i> , 2013 , 98, 1414-20	6.6	37
189	Reversal of hyperglycemia by insulin-secreting rat bone marrow- and blastocyst-derived hypoblast stem cell-like cells. <i>PLoS ONE</i> , 2013 , 8, e63491	3.7	9
188	Down-regulated expression of hsa-miR-181c in Fanconi anemia patients: implications in TNF β regulation and proliferation of hematopoietic progenitor cells. <i>Blood</i> , 2012 , 119, 3042-9	2.2	20
187	Retraction. Roman-Gomez J, Cordeu L, Agirre X, Jimenez-Velasco A, San Jose-Eneriz E, Garate L, Calasanz MJ, Heiniger A, Torres A, Prosper F. Epigenetic regulation of Wnt-signaling pathway in acute lymphoblastic leukemia. <i>Blood</i> . 2007;109(8):3462-3469. <i>Blood</i> , 2012 , 120, 3625	2.2	4
186	High-throughput sequencing analysis of the chromosome 7q32 deletion reveals IRF5 as a potential tumour suppressor in splenic marginal-zone lymphoma. <i>British Journal of Haematology</i> , 2012 , 158, 712-26	4.5	34
185	Influence of total intravenous anesthesia, entropy and laparoscopy on oxidative stress. <i>Revista Brasileira De Anestesiologia</i> , 2012 , 62, 484-501	0.8	6

184	Dental pulp of the third molar: a new source of pluripotent-like stem cells. <i>Journal of Cell Science</i> , 2012 , 125, 3343-56	5.3	90
183	TET2 mutations are associated with specific 5-methylcytosine and 5-hydroxymethylcytosine profiles in patients with chronic myelomonocytic leukemia. <i>PLoS ONE</i> , 2012 , 7, e31605	3.7	66
182	Unraveling the role of FANCD2 in chronic myeloid leukemia. <i>Leukemia</i> , 2012 , 26, 1447-8	10.7	
181	Therapeutic effects of hMAPC and hMSC transplantation after stroke in mice. <i>PLoS ONE</i> , 2012 , 7, e43683	3.7	64
180	Specific small nucleolar RNA expression profiles in acute leukemia. <i>Leukemia</i> , 2012 , 26, 2052-60	10.7	88
179	Epigenetic regulation of miRNA genes in acute leukemia. <i>Leukemia</i> , 2012 , 26, 395-403	10.7	61
178	Angiogenic therapy for cardiac repair based on protein delivery systems. <i>Heart Failure Reviews</i> , 2012 , 17, 449-73	5	37
177	Mesenchymal stem cells and cardiovascular disease: a bench to bedside roadmap. <i>Stem Cells International</i> , 2012 , 2012, 175979	5	27
176	Zic3 induces conversion of human fibroblasts to stable neural progenitor-like cells. <i>Journal of Molecular Cell Biology</i> , 2012 , 4, 252-5	6.3	30
175	MAPC culture conditions support the derivation of cells with nascent hypoblast features from bone marrow and blastocysts. <i>Journal of Molecular Cell Biology</i> , 2012 , 4, 423-6	6.3	17
174	Preclinical activity of LBH589 alone or in combination with chemotherapy in a xenogeneic mouse model of human acute lymphoblastic leukemia. <i>Leukemia</i> , 2012 , 26, 1517-26	10.7	30
173	A DNA methylation fingerprint of 1628 human samples. <i>Genome Research</i> , 2012 , 22, 407-19	9.7	273
172	Expression of MALT1 oncogene in hematopoietic stem/progenitor cells recapitulates the pathogenesis of human lymphoma in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10534-9	11.5	58
171	Mutation patterns of 16 genes in primary and secondary acute myeloid leukemia (AML) with normal cytogenetics. <i>PLoS ONE</i> , 2012 , 7, e42334	3.7	50
170	A novel tumor suppressor network in squamous malignancies. <i>Scientific Reports</i> , 2012 , 2, 828	4.9	11
169	Treatment of reperfused ischemia with adipose-derived stem cells in a preclinical Swine model of myocardial infarction. <i>Cell Transplantation</i> , 2012 , 21, 2723-33	4	72
168	Adipose stromal vascular fraction improves cardiac function in chronic myocardial infarction through differentiation and paracrine activity. <i>Cell Transplantation</i> , 2012 , 21, 1023-37	4	38
167	Vascular endothelial growth factor-delivery systems for cardiac repair: an overview. <i>Theranostics</i> , 2012 , 2, 541-52	12.1	74

166	EMT and induction of miR-21 mediate metastasis development in Trp53-deficient tumours. <i>Scientific Reports</i> , 2012 , 2, 434	4.9	65
165	Quantification of miRNA-mRNA interactions. <i>PLoS ONE</i> , 2012 , 7, e30766	3.7	55
164	New strategies for echocardiographic evaluation of left ventricular function in a mouse model of long-term myocardial infarction. <i>PLoS ONE</i> , 2012 , 7, e41691	3.7	41
163	Dental pulp of the third molar: a new source of pluripotent-like stem cells. <i>Development (Cambridge)</i> , 2012 , 139, e1-e1	6.6	
162	Phase II Optimization, Open-Label Clinical Trial of Zalzypsis [®] (PM00104) in Relapsed/Refractory Multiple Myeloma Patients. <i>Blood</i> , 2012 , 120, 4041-4041	2.2	
161	Development and validation of ultra high performance liquid chromatography-mass spectrometry method for LBH589 in mouse plasma and tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3490-6	3.2	13
160	Amniotic membrane as a scaffold for melanocyte transplantation in patients with stable vitiligo. <i>Dermatology Research and Practice</i> , 2011 , 2011, 532139	2	21
159	Epigenetic activation of SOX11 in lymphoid neoplasms by histone modifications. <i>PLoS ONE</i> , 2011 , 6, e21382	3.82	32
158	MAPC transplantation confers a more durable benefit than AC133+ cell transplantation in severe hind limb ischemia. <i>Cell Transplantation</i> , 2011 , 20, 259-69	4	22
157	LMO2 expression reflects the different stages of blast maturation and genetic features in B-cell acute lymphoblastic leukemia and predicts clinical outcome. <i>Haematologica</i> , 2011 , 96, 980-6	6.6	20
156	Down-regulation of EVI1 is associated with epigenetic alterations and good prognosis in patients with acute myeloid leukemia. <i>Haematologica</i> , 2011 , 96, 1448-56	6.6	39
155	Deregulation of FGFR1 and CDK6 oncogenic pathways in acute lymphoblastic leukaemia harbouring epigenetic modifications of the MIR9 family. <i>British Journal of Haematology</i> , 2011 , 155, 73-83	4.5	44
154	Adult stem cells: from new cell sources to changes in methodology. <i>Journal of Cardiovascular Translational Research</i> , 2011 , 4, 154-60	3.3	14
153	Adipose-derived stem cells for myocardial infarction. <i>Journal of Cardiovascular Translational Research</i> , 2011 , 4, 145-53	3.3	57
152	Histological and ultrastructural comparison of cauterization and thrombosis stroke models in immune-deficient mice. <i>Journal of Inflammation</i> , 2011 , 8, 28	6.7	11
151	Mechanical properties of cross-linked collagen meshes after human adipose derived stromal cells seeding. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 96, 341-8	5.4	7
150	Long-range epigenetic silencing associates with deregulation of Ikaros targets in colorectal cancer cells. <i>Molecular Cancer Research</i> , 2011 , 9, 1139-51	6.6	38
149	A cyclin-D1 interaction with BAX underlies its oncogenic role and potential as a therapeutic target in mantle cell lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 12461-6	11.5	43

148	Hypoxia-microRNA-16 downregulation induces VEGF expression in anaplastic lymphoma kinase (ALK)-positive anaplastic large-cell lymphomas. <i>Leukemia</i> , 2011 , 25, 1882-90	10.7	97
147	Smoldering Multiple Myeloma (SMM) At High-Risk of Progression to Symptomatic Disease: A Phase III, Randomized, Multicenter Trial Based On Lenalidomide-Dexamethasone (Len-Dex) As Induction Therapy Followed by Maintenance Therapy with Len Alone Vs No Treatment. <i>Blood</i> , 2011 , 118, 991-991	2.2	3
146	Frequent and simultaneous epigenetic inactivation of TP53 pathway genes in acute lymphoblastic leukemia. <i>PLoS ONE</i> , 2011 , 6, e17012	3.7	42
145	Influence of Lenalidomide Treatment on Immune Effector Cells From High-Risk Smoldering Multiple Myeloma (SMM) Patients. <i>Blood</i> , 2011 , 118, 3944-3944	2.2	
144	Preclinical Activity of LBH589 Alone or in Combination with Chemotherapy in a Xenogeneic Mouse Model of Human Acute Lymphoblastic Leukemia. <i>Blood</i> , 2011 , 118, 1520-1520	2.2	
143	Homeobox NKX2-3 Is Over-Expressed in Human B-Cell Lymphomas and Drives Marginal Zone B-Cell Lymphomagenesis in Mice. <i>Blood</i> , 2011 , 118, 260-260	2.2	
142	Epigenetic regulation of the non-canonical Wnt pathway in acute myeloid leukemia. <i>Cancer Science</i> , 2010 , 101, 425-32	6.9	37
141	Multipotent adult progenitor cell isolation and proliferation in cytokine and serum-free medium conditioned by rat B104 cells. <i>British Journal of Haematology</i> , 2010 , 148, 441-4	4.5	6
140	Bortezomib decreases Rb phosphorylation and induces caspase-dependent apoptosis in Imatinib-sensitive and -resistant Bcr-Abl1-expressing cells. <i>Oncogene</i> , 2010 , 29, 3276-86	9.2	18
139	Bcr/Abl interferes with the Fanconi anemia/BRCA pathway: implications in the chromosomal instability of chronic myeloid leukemia cells. <i>PLoS ONE</i> , 2010 , 5, e15525	3.7	17
138	Silencing of hsa-miR-124 by EVI1 in cell lines and patients with acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, E167-8; author reply E169-70	11.5	29
137	Phase II clinical and pharmacokinetic study of plitidepsin 3-hour infusion every two weeks alone or with dexamethasone in relapsed and refractory multiple myeloma. <i>Clinical Cancer Research</i> , 2010 , 16, 3260-9	12.9	56
136	Repeated implantation of skeletal myoblast in a swine model of chronic myocardial infarction. <i>European Heart Journal</i> , 2010 , 31, 1013-21	9.5	50
135	Lymphoma stem cells: enough evidence to support their existence?. <i>Haematologica</i> , 2010 , 95, 293-302	6.6	48
134	Transplantation of mesenchymal stem cells exerts a greater long-term effect than bone marrow mononuclear cells in a chronic myocardial infarction model in rat. <i>Cell Transplantation</i> , 2010 , 19, 313-28	4	62
133	Reversion of epigenetically mediated BIM silencing overcomes chemoresistance in Burkitt lymphoma. <i>Blood</i> , 2010 , 116, 2531-42	2.2	88
132	Stem cell therapy for chronic myocardial infarction. <i>Journal of Cardiovascular Translational Research</i> , 2010 , 3, 79-88	3.3	13
131	Sustained release of VEGF through PLGA microparticles improves vasculogenesis and tissue remodeling in an acute myocardial ischemia-reperfusion model. <i>Journal of Controlled Release</i> , 2010 , 147, 30-7	11.7	165

130	Smoldering Multiple Myeloma (SMM) at High-Risk of Progression to Symptomatic Disease: A Phase III, Randomized, Multicenter Trial Based On Lenalidomide-Dexamethasone (Len-Dex) as Induction Therapy Followed by Maintenance Therapy with Len Alone Vs No Treatment. <i>Blood</i> , 2010 , 116, 1935-1935	2.2	2
129	DNA methylation profiles and their relationship with cytogenetic status in adult acute myeloid leukemia. <i>PLoS ONE</i> , 2010 , 5, e12197	3.7	66
128	A Novel Pro-Survival Function of Cyclin-D1 Underlies Its Oncogenic Role and Potential as a Therapeutic Target In Mantle Cell Lymphoma. <i>Blood</i> , 2010 , 116, 769-769	2.2	
127	A comprehensive microarray-based DNA methylation study of 367 hematological neoplasms. <i>PLoS ONE</i> , 2009 , 4, e6986	3.7	104
126	Adipose-derived cardiomyogenic cells: in vitro expansion and functional improvement in a mouse model of myocardial infarction. <i>Cardiovascular Research</i> , 2009 , 83, 757-67	9.9	76
125	Epigenetic regulation of microRNAs in acute lymphoblastic leukemia. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1316-22	2.2	120
124	Isolation, culture and characterization of adult carotid body-derived cells. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 167, 201-7	2.8	1
123	Epigenetic regulation of microRNA expression in colorectal cancer. <i>International Journal of Cancer</i> , 2009 , 125, 2737-43	7.5	372
122	Comparison of ex vivo expansion culture conditions of mesenchymal stem cells for human cell therapy. <i>Transfusion</i> , 2009 , 49, 1901-10	2.9	81
121	Epigenetic down-regulation of BIM expression is associated with reduced optimal responses to imatinib treatment in chronic myeloid leukaemia. <i>European Journal of Cancer</i> , 2009 , 45, 1877-89	7.5	63
120	MicroRNA expression profiling in Imatinib-resistant Chronic Myeloid Leukemia patients without clinically significant ABL1-mutations. <i>Molecular Cancer</i> , 2009 , 8, 69	42.1	93
119	Epigenetic silencing of the tumor suppressor microRNA Hsa-miR-124a regulates CDK6 expression and confers a poor prognosis in acute lymphoblastic leukemia. <i>Cancer Research</i> , 2009 , 69, 4443-53	10.1	263
118	New insights into the biology and origin of mature aggressive B-cell lymphomas by combined epigenomic, genomic, and transcriptional profiling. <i>Blood</i> , 2009 , 113, 2488-97	2.2	121
117	Multicenter, Randomized, Open-Label, Phase III Trial of Lenalidomide-Dexamethasone (Len/dex) Vs Therapeutic Abstinence in Smoldering Multiple Myeloma at High Risk of Progression to Symptomatic MM: Results of the First Interim Analysis.. <i>Blood</i> , 2009 , 114, 614-614	2.2	19
116	Epigenetic signatures associated with different levels of differentiation potential in human stem cells. <i>PLoS ONE</i> , 2009 , 4, e7809	3.7	85
115	Screening Thousands of Drugs in Leukemia Patient Samples to Identify Novel Uses for Approved Drugs.. <i>Blood</i> , 2009 , 114, 4414-4414	2.2	
114	Epigenomic Analysis of Acute Myeloid Leukemia Identifies Specific Patterns and Markes with Clinical and Biological Relevance.. <i>Blood</i> , 2009 , 114, 2394-2394	2.2	
113	Methylation status of Wnt signaling pathway genes affects the clinical outcome of Philadelphia-positive acute lymphoblastic leukemia. <i>Cancer Science</i> , 2008 , 99, 1865-8	6.9	26

112	Repigmentation of vitiligo by transplantation of autologous melanocyte cells cultured on amniotic membrane. <i>British Journal of Dermatology</i> , 2008 , 158, 1168-71	4	16
111	BCR-ABL1-induced expression of HSPA8 promotes cell survival in chronic myeloid leukaemia. <i>British Journal of Haematology</i> , 2008 , 142, 571-82	4.5	26
110	Characterization of the paracrine effects of human skeletal myoblasts transplanted in infarcted myocardium. <i>European Journal of Heart Failure</i> , 2008 , 10, 1065-72	12.3	109
109	Criterio y posibilidades del implante celular. <i>Cirugia Cardiovascular</i> , 2008 , 15, 67-73	0.1	
108	Skeletal myoblasts for cardiac repair in animal models. <i>European Heart Journal Supplements</i> , 2008 , 10, K11-K15	1.5	4
107	Down-regulation of hsa-miR-10a in chronic myeloid leukemia CD34+ cells increases USF2-mediated cell growth. <i>Molecular Cancer Research</i> , 2008 , 6, 1830-40	6.6	168
106	Transplantation of adipose derived stromal cells is associated with functional improvement in a rat model of chronic myocardial infarction. <i>European Journal of Heart Failure</i> , 2008 , 10, 454-62	12.3	169
105	Bortezomib plus melphalan and prednisone in elderly untreated patients with multiple myeloma: updated time-to-events results and prognostic factors for time to progression. <i>Haematologica</i> , 2008 , 93, 560-5	6.6	72
104	Stem cells and cardiac disease: where are we going?. <i>Current Stem Cell Research and Therapy</i> , 2008 , 3, 265-76	3.6	8
103	Repetitive DNA hypomethylation in the advanced phase of chronic myeloid leukemia. <i>Leukemia Research</i> , 2008 , 32, 487-90	2.7	64
102	Resistance to Imatinib Mesylate-induced apoptosis in acute lymphoblastic leukemia is associated with PTEN down-regulation due to promoter hypermethylation. <i>Leukemia Research</i> , 2008 , 32, 709-16	2.7	36
101	Multipotent adult progenitor cells sustain function of ischemic limbs in mice. <i>Journal of Clinical Investigation</i> , 2008 , 118, 505-14	15.9	87
100	Final Results of a Phase II Trial with Plitidepsin (Aplidin) Alone and in Combination with Dexamethasone in Patients with Relapsed/Refractory Multiple Myeloma. <i>Blood</i> , 2008 , 112, 3700-3700	2.2	4
99	Epigenetic Silencing of BIM Mediates Chemotherapy Resistance of Patients with Burkitt Lymphoma That Can Be Overcome by Therapeutic Reactivation of BIM in Mouse and Human Lymphoma Models. <i>Blood</i> , 2008 , 112, 607-607	2.2	1
98	Parvovirus B19 acute infection and a reactivation of cytomegalovirus and herpesvirus 6 in a chronic myeloid leukemia patient during treatment with dasatinib (BMS-354825). <i>Leukemia and Lymphoma</i> , 2007 , 48, 2461-4	1.9	20
97	Poor prognosis in acute lymphoblastic leukemia may relate to promoter hypermethylation of cancer-related genes. <i>Leukemia and Lymphoma</i> , 2007 , 48, 1269-82	1.9	54
96	Epigenetic regulation of PRAME gene in chronic myeloid leukemia. <i>Leukemia Research</i> , 2007 , 31, 1521-8	2.7	51
95	Multipotent adult progenitor cell transplantation increases vascularity and improves left ventricular function after myocardial infarction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007 , 1, 51-9	4.4	57

94	Simultaneous translocations of FGFR3/MMSET and CCND1 into two different IGH alleles in multiple myeloma: lack of concurrent activation of both proto-oncogenes. <i>Cancer Genetics and Cytogenetics</i> , 2007 , 175, 65-8		3
93	Plasticity and cardiovascular applications of multipotent adult progenitor cells. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007 , 4 Suppl 1, S15-20		13
92	Therapeutic potential of adult progenitor cells in cardiovascular disease. <i>Expert Opinion on Biological Therapy</i> , 2007 , 7, 1153-65	5.4	6
91	Epigenetic regulation of Wnt-signaling pathway in acute lymphoblastic leukemia. <i>Blood</i> , 2007 , 109, 3462-92		147
90	Multicolor interphase cytogenetics for the study of plasma cell dyscrasias. <i>Oncology Reports</i> , 2007 , 18, 1099	3.5	
89	Epigenetic regulation of human cancer/testis antigen gene, HAGE, in chronic myeloid leukemia. <i>Haematologica</i> , 2007 , 92, 153-62	6.6	50
88	In vitro and in vivo arterial differentiation of human multipotent adult progenitor cells. <i>Blood</i> , 2007 , 109, 2634-42	2.2	86
87	(13)N-ammonia PET as a measurement of hindlimb perfusion in a mouse model of peripheral artery occlusive disease. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 1216-23	8.9	19
86	WNT5A, a putative tumour suppressor of lymphoid malignancies, is inactivated by aberrant methylation in acute lymphoblastic leukaemia. <i>European Journal of Cancer</i> , 2007 , 43, 2736-46	7.5	62
85	Multipotent Adult Progenitor Cells (MAPC) contribute to hepatocarcinoma neovasculature. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 364, 92-9	3.4	11
84	Homozygous deletions localize novel tumor suppressor genes in B-cell lymphomas. <i>Blood</i> , 2007 , 109, 271-80	2.2	211
83	¹⁸ F-FDG metabolism in a rat model of chronic infarction. <i>Nuklearmedizin - NuclearMedicine</i> , 2007 , 46, 149-154	1.8	3
82	Antimyeloma Efficacy of Plitidepsin (Aplidin®): From Bench to the Bedside.. <i>Blood</i> , 2007 , 110, 1178-1178	2.2	2
81	Multiple myeloma primary cells show a highly rearranged unbalanced genome with amplifications and homozygous deletions irrespective of the presence of immunoglobulin-related chromosome translocations. <i>Haematologica</i> , 2007 , 92, 795-802	6.6	24
80	Multicolor interphase cytogenetics for the study of plasma cell dyscrasias. <i>Oncology Reports</i> , 2007 , 18, 1099-106	3.5	6
79	Somatic stem cells and the origin of cancer. <i>Clinical and Translational Oncology</i> , 2006 , 8, 647-63	3.6	42
78	Interphase FISH for the detection of breakpoints in IG loci and chromosomal changes with adverse prognostic impact in multiple myeloma with normal karyotypes. <i>Cancer Genetics and Cytogenetics</i> , 2006 , 167, 183-5		2
77	Identification of recurrent chromosomal breakpoints in multiple myeloma with complex karyotypes by combined G-banding, spectral karyotyping, and fluorescence in situ hybridization analyses. <i>Cancer Genetics and Cytogenetics</i> , 2006 , 169, 143-9		14

76	Autologous skeletal myoblast transplantation in patients with nonacute myocardial infarction: 1-year follow-up. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2006 , 131, 799-804	1.5	113
75	Pegylated liposomal doxorubicin, melphalan and prednisone therapy for elderly patients with multiple myeloma. <i>Hematological Oncology</i> , 2006 , 24, 205-11	1.3	8
74	Abnormal methylation of the common PARK2 and PACRG promoter is associated with downregulation of gene expression in acute lymphoblastic leukemia and chronic myeloid leukemia. <i>International Journal of Cancer</i> , 2006 , 118, 1945-53	7.5	71
73	A comparison between percutaneous and surgical transplantation of autologous skeletal myoblasts in a swine model of chronic myocardial infarction. <i>Cardiovascular Research</i> , 2006 , 71, 744-53	9.9	47
72	Can bone marrow-derived multipotent adult progenitor cells regenerate infarcted myocardium?. <i>Cardiovascular Research</i> , 2006 , 72, 175-83	9.9	29
71	CpG island methylator phenotype redefines the prognostic effect of t(12;21) in childhood acute lymphoblastic leukemia. <i>Clinical Cancer Research</i> , 2006 , 12, 4845-50	12.9	55
70	Differentiation of multipotent adult progenitor cells into functional endothelial and smooth muscle cells. <i>Current Protocols in Immunology</i> , 2006 , Chapter 22, Unit 22F.9	4	14
69	Testing the Limits: The Potential of MAPC in Animal Models 2006 , 147-156		
68	Bortezomib plus melphalan and prednisone in elderly untreated patients with multiple myeloma: results of a multicenter phase 1/2 study. <i>Blood</i> , 2006 , 108, 2165-72	2.2	333
67	Downregulation of DBC1 expression in acute lymphoblastic leukaemia is mediated by aberrant methylation of its promoter. <i>British Journal of Haematology</i> , 2006 , 134, 137-44	4.5	26
66	Promoter hypermethylation and global hypomethylation are independent epigenetic events in lymphoid leukemogenesis with opposing effects on clinical outcome. <i>Leukemia</i> , 2006 , 20, 1445-8	10.7	41
65	ASPP1, a common activator of TP53, is inactivated by aberrant methylation of its promoter in acute lymphoblastic leukemia. <i>Oncogene</i> , 2006 , 25, 1862-70	9.2	58
64	Identification of c-Kit gene mutations in patients with polycythemia vera. <i>Leukemia Research</i> , 2006 , 30, 1325-6	2.7	12
63	Thymidine analogs are transferred from prelabeled donor to host cells in the central nervous system after transplantation: a word of caution. <i>Stem Cells</i> , 2006 , 24, 1121-7	5.8	96
62	Promoter hypomethylation of the LINE-1 retrotransposable elements activates sense/antisense transcription and marks the progression of chronic myeloid leukemia. <i>Oncogene</i> , 2005 , 24, 7213-23	9.2	189
61	Downregulation of the large tumor suppressor 2 (LATS2/KPM) gene is associated with poor prognosis in acute lymphoblastic leukemia. <i>Leukemia</i> , 2005 , 19, 2347-50	10.7	83
60	Coexistence of different clonal populations harboring the b3a2 (p210) and e1a2 (p190) BCR-ABL1 fusion transcripts in chronic myelogenous leukemia resistant to imatinib. <i>Cancer Genetics and Cytogenetics</i> , 2005 , 160, 22-6		8
59	BCR-ABL induces the expression of Skp2 through the PI3K pathway to promote p27Kip1 degradation and proliferation of chronic myelogenous leukemia cells. <i>Cancer Research</i> , 2005 , 65, 3264-72	10.1	103

58	Lack of CpG island methylator phenotype defines a clinical subtype of T-cell acute lymphoblastic leukemia associated with good prognosis. <i>Journal of Clinical Oncology</i> , 2005 , 23, 7043-9	2.2	111
57	Transcriptional silencing of the Dickkopfs-3 (Dkk-3) gene by CpG hypermethylation in acute lymphoblastic leukaemia. <i>British Journal of Cancer</i> , 2004 , 91, 707-13	8.7	90
56	Imatinib inhibits proliferation of Ewing tumor cells mediated by the stem cell factor/KIT receptor pathway, and sensitizes cells to vincristine and doxorubicin-induced apoptosis. <i>Clinical Cancer Research</i> , 2004 , 10, 751-61	12.9	72
55	A single prior course of BCNU-cisplatin chemotherapy has a significant deleterious effect on mobilization kinetics of otherwise untreated patients. <i>Bone Marrow Transplantation</i> , 2004 , 33, 499-502	4.4	
54	The normal epithelial cell-specific 1 (NES1) gene, a candidate tumor suppressor gene on chromosome 19q13.3-4, is downregulated by hypermethylation in acute lymphoblastic leukemia. <i>Leukemia</i> , 2004 , 18, 362-5	10.7	53
53	Chromosomal abnormalities clustering in multiple myeloma reveals cytogenetic subgroups with nonrandom acquisition of chromosomal changes. <i>Leukemia</i> , 2004 , 18, 654-7	10.7	13
52	Perspectivas futuras de tratamiento en la insuficiencia cardíaca: del trasplante de células a la regeneración cardíaca. <i>Revista Espanola De Cardiologia</i> , 2004 , 57, 981-988	1.5	
51	Future Perspectives in the Treatment of Heart Failure: From Cell Transplantation to Cardiac Regeneration. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2004 , 57, 981-988	0.7	
50	Cellular cardiomyoplasty: clinical application. <i>Annals of Thoracic Surgery</i> , 2004 , 77, 1121-30	2.7	63
49	Autologous human serum for cell culture avoids the implantation of cardioverter-defibrillators in cellular cardiomyoplasty. <i>International Journal of Cardiology</i> , 2004 , 95 Suppl 1, S29-33	3.2	122
48	Promoter hypermethylation of cancer-related genes: a strong independent prognostic factor in acute lymphoblastic leukemia. <i>Blood</i> , 2004 , 104, 2492-8	2.2	188
47	NALP1 is a transcriptional target for cAMP-response-element-binding protein (CREB) in myeloid leukaemia cells. <i>Biochemical Journal</i> , 2004 , 384, 281-6	3.8	15
46	A Phase I/II National, Multi-Center, Open-Label Study of Bortezomib Plus Melphalan and Prednisone (V-MP) in Elderly Untreated Multiple Myeloma Patients.. <i>Blood</i> , 2004 , 104, 3462-3462	2.2	8
45	Influence of Age on Survival after a Tandem Hematopoietic Stem Cell Transplantation Procedure in Patients with Multiple Myeloma: Results of the Prospective GEM-2000 Protocol.. <i>Blood</i> , 2004 , 104, 930-930	2.2	1
44	RUNX/AML and C/EBP factors regulate CD11a integrin expression in myeloid cells through overlapping regulatory elements. <i>Blood</i> , 2003 , 102, 3252-61	2.2	45
43	Mobilization of peripheral blood progenitor cells with a combination of cyclophosphamide, r-metHuSCF and filgrastim in patients with breast cancer previously treated with chemotherapy. <i>Leukemia</i> , 2003 , 17, 437-41	10.7	18
42	Autologous intramyocardial injection of cultured skeletal muscle-derived stem cells in patients with non-acute myocardial infarction. <i>European Heart Journal</i> , 2003 , 24, 2012-20	9.5	243
41	Lack of Bcr-Abl point mutations in chronic myeloid leukemia patients in chronic phase before imatinib treatment is not predictive of response. <i>Haematologica</i> , 2003 , 88, 1425-6	6.6	2

40	Treatment of heart failure with autologous skeletal myoblasts. <i>Herz</i> , 2002 , 27, 570-8	2.6	29
39	The composition of leukapheresis products impacts on the hematopoietic recovery after autologous transplantation independently of the mobilization regimen. <i>Transfusion</i> , 2002 , 42, 1159-72	2.9	35
38	Induction of Nod2 in myelomonocytic and intestinal epithelial cells via nuclear factor-kappa B activation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 41701-5	5.4	35 ¹
37	Nuclear factor k B is activated in myelodysplastic bone marrow cells. <i>Haematologica</i> , 2002 , 87, 1005-6	6.6	20
36	Loss of a novel tumor suppressor gene locus at chromosome 8p is associated with leukemic mantle cell lymphoma. <i>Blood</i> , 2001 , 98, 3479-82	2.2	80
35	Ex vivo expansion of umbilical cord blood (UCB) CD34(+) cells alters the expression and function of alpha 4 beta 1 and alpha 5 beta 1 integrins. <i>British Journal of Haematology</i> , 2001 , 115, 213-21	4.5	27
34	Lack of association between the kinetics of human cytomegalovirus (HCMV) glycoprotein B (gB)-specific and neutralizing serum antibodies and development or recovery from HCMV active infection in patients undergoing allogeneic stem cell transplant. <i>Journal of Medical Virology</i> , 2001 , 65, 77-84.	19.7	12
33	Prognostic significance of the immunocytochemical detection of contaminating tumor cells (CTC) in apheresis products of patients with high-risk breast cancer treated with high-dose chemotherapy and stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2001 , 27, 287-93	4.4	12
32	Sequential analysis of CD34+ and CD34- cell subsets in peripheral blood and leukapheresis products from breast cancer patients mobilized with SCF plus G-CSF and cyclophosphamide. <i>Leukemia</i> , 2001 , 15, 430-9	10.7	25
31	Chemokine stromal cell-derived factor-1alpha modulates VLA-4 integrin-dependent adhesion to fibronectin and VCAM-1 on bone marrow hematopoietic progenitor cells. <i>Experimental Hematology</i> , 2001 , 29, 345-55	3.1	103
30	Antiapoptotic protein Bcl-x(L) is up-regulated during megakaryocytic differentiation of CD34(+) progenitors but is absent from senescent megakaryocytes. <i>Experimental Hematology</i> , 2001 , 29, 728-35	3.1	49
29	Qualitative plasma PCR assay (AMPLICOR CMV test) versus pp65 antigenemia assay for monitoring cytomegalovirus viremia and guiding preemptive ganciclovir therapy in allogeneic stem cell transplantation. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 3938-41	9.7	35
28	Allogeneic stem cell transplantation for solid tumors. <i>Current Opinion in Organ Transplantation</i> , 2001 , 6, 278-282	2.5	
27	Regulation of hematopoiesis through adhesion receptors 2001 , 69, 307-316		18
26	Identification of two subgroups of mantle cell leukemia with distinct clinical and biological features. <i>The Hematology Journal</i> , 2001 , 2, 234-41		14
25	Chromosomal abnormalities in women with breast cancer after autologous stem cell transplantation are infrequent and may not predict development of therapy-related leukemia or myelodysplastic syndrome. <i>Bone Marrow Transplantation</i> , 2000 , 25, 1203-8	4.4	14
24	Opposing effects of engagement of integrins and stimulation of cytokine receptors on cell cycle progression of normal human hematopoietic progenitors. <i>Blood</i> , 2000 , 95, 846-854	2.2	66
23	Blockade of the Bcr-Abl kinase activity induces apoptosis of chronic myelogenous leukemia cells by suppressing signal transducer and activator of transcription 5-dependent expression of Bcl-xL. <i>Journal of Experimental Medicine</i> , 2000 , 191, 977-84	16.6	306

22	The Hematopoietic Microenvironment: Stromal Extracellular Matrix Components As Growth Regulators For Human Hematopoietic Progenitors. <i>Hematology</i> , 1999 , 4, 321-333	2.2	21
21	Erythropoietin can induce the expression of bcl-x(L) through Stat5 in erythropoietin-dependent progenitor cell lines. <i>Journal of Biological Chemistry</i> , 1999 , 274, 22165-9	5.4	219
20	Mobilization of peripheral blood progenitor cells (PBPC) in patients undergoing chemotherapy followed by autologous peripheral blood stem cell transplant (SCT) for high risk breast cancer (HRBC). <i>Bone Marrow Transplantation</i> , 1999 , 23, 1101-7	4.4	4
19	Prognostic factors in patients with isolated recurrences of breast cancer (stage IV-NED). <i>Breast Cancer Research and Treatment</i> , 1999 , 53, 105-12	4.4	16
18	Prognostic factors predicting survival from first recurrence in patients with metastatic breast cancer: analysis of 439 patients. <i>Breast Cancer Research and Treatment</i> , 1999 , 56, 67-78	4.4	141
17	Variant three-way translocation of inversion 16 in AML-M4Eo confirmed by fluorescence in situ hybridization analysis. <i>Cancer Genetics and Cytogenetics</i> , 1999 , 110, 111-4		8
16	Comparison between once a day vs twice a day G-CSF for mobilization of peripheral blood progenitor cells (PBPC) in normal donors for allogeneic PBPC transplantation. <i>Bone Marrow Transplantation</i> , 1998 , 22, 39-45	4.4	63
15	Mobilization and homing of peripheral blood progenitors is related to reversible downregulation of alpha4 beta1 integrin expression and function. <i>Journal of Clinical Investigation</i> , 1998 , 101, 2456-67	15.9	123
14	Natural Killer (NK) Cells Are Functionally Abnormal and NK Cell Progenitors Are Diminished in Granulocyte Colony-Stimulating Factor Mobilized Peripheral Blood Progenitor Cell Collections. <i>Blood</i> , 1997 , 90, 3098-3105	2.2	86
13	Sequential analysis of bone marrow and peripheral blood after stem cell transplant for myeloma shows disparate tumor involvement. <i>Leukemia</i> , 1997 , 11, 1565-70	10.7	28
12	Pathophysiology of CML: do defects in integrin function contribute to the premature circulation and massive expansion of the BCR/ABL positive clone?. <i>Translational Research</i> , 1997 , 129, 584-91		39
11	Primitive Long-Term Culture Initiating Cells (LTC-ICs) in Granulocyte Colony-Stimulating Factor Mobilized Peripheral Blood Progenitor Cells Have Similar Potential for Ex Vivo Expansion as Primitive LTC-ICs in Steady State Bone Marrow. <i>Blood</i> , 1997 , 89, 3991-3997	2.2	37
10	Incidence of non-Hodgkin's lymphoma in patients treated for Hodgkin's disease. <i>Leukemia and Lymphoma</i> , 1994 , 12, 457-62	1.9	6
9	Cytogenetic data in 41 patients with multiple myeloma. Karyotype and other clinical parameters. <i>Cancer Genetics and Cytogenetics</i> , 1994 , 78, 210-3		17
8	Coexistence of essential thrombocythemia and multiple myeloma. <i>Annals of Hematology</i> , 1992 , 65, 103-5		12
7	Porphyria cutanea tarda associated with acute non-lymphoblastic leukemia. <i>American Journal of Hematology</i> , 1992 , 40, 241-2	7.1	4
6	A new case of acute lymphoblastic leukemia B-cell type with chromosomal rearrangements involving the T-cell receptor breakpoint at band 14q11. <i>American Journal of Hematology</i> , 1992 , 41, 137-9 ^{7.1}		4
5	Clinical Applications of Reporter Gene Technology 297-314		

4	The proliferative history shapes the DNA methylome of B-cell tumors and predicts clinical outcome	2
3	Chromatin activation as a unifying principle underlying pathogenic mechanisms in multiple myeloma	1
2	Dynamics of genome architecture and chromatin function during human B cell differentiation and neoplastic transformation	1
1	Targeting aberrant DNA methylation in mesenchymal stromal cells as a treatment for myeloma bone disease	1