# Jan A Nolta

List of Publications by Year
in descending order



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|---|---|---|---|
| 158 papers | 9,989 citations | 34105 52 h-index | 36028 97 g-index |
| 161 all docs | 161 docs citations | 161 times ranked | 12366 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Improved MSC Minimal Criteria to Maximize Patient Safety: A Call to Embrace Tissue Factor and Hemocompatibility Assessment of MSC Products. Stem Cells Translational Medicine, 2022, 11, 2-13. | 3.3 | 74 |
| 2 | Celebrating 40 Years as the Trusted Source for Stem Cell Manuscripts. Stem Cells, 2022, 40, 1. | 3.2 | 0 |
| 3 | Combination product of dermal matrix, preconditioned human mesenchymal stem cells and timolol promotes wound healing in the porcine wound model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 1615-1623. | 3.4 | 4 |
| 4 | The oromaxillofacial region as a model for a one-health approach in regenerative medicine. American Journal of Veterinary Research, 2022, 83, 291-297. | 0.6 | 0 |
| 5 | Autologous Muscleâ€Derived Cell Therapy for Swallowing Impairment in Patients Following Treatment for Head and Neck Cancer. Laryngoscope, 2021, , . | 2.0 | 4 |
| 6 | Mesenchymal stromal cell variables influencing clinical potency: the impact of viability, fitness, route of administration and host predisposition. Cytotherapy, 2021, 23, 368-372. | 0.7 | 45 |
| 7 | Subretinal versus intravitreal administration of human CD34+ bone marrow-derived stem cells in a rat model of inherited retinal degeneration. Annals of Translational Medicine, 2021, 9, 1275-1275. | 1.7 | 9 |
| 8 | Analysis of the retinal capillary plexus layers in a murine model with diabetic retinopathy: effect of intravitreal injection of human CD34+ bone marrow stem cells. Annals of Translational Medicine, 2021, 9, 1273-1273. | 1.7 | 4 |
| 9 | Mechanisms of modulation and differentiation in mesenchymal stem/stromal cells. Stem Cells, 2021, 39, 1-2. | 3.2 | 2 |
| 10 | An in vivo Cell-Based Delivery Platform for Zinc Finger Artificial Transcription Factors in Pre-clinical Animal Models. Frontiers in Molecular Neuroscience, 2021, 14, 789913. | 2.9 | 2 |
| 11 | Effects of Micronized Cartilage Matrix on Cartilage Repair in Osteochondral Lesions of the Talus. Cartilage, 2020, 11, 316-322. | 2.7 | 8 |
| 12 | Preclinical translation of exosomes derived from mesenchymal stem/stromal cells. Stem Cells, 2020, 38, 15-21. | 3.2 | 148 |
| 13 | Effects of intravitreal injection of human CD34+ bone marrow stem cells in a murine model of diabetic retinopathy. Experimental Eye Research, 2020, 190, 107865. | 2.6 | 24 |
| 14 | The age of immunotherapy-Celebrating STEM CELLS ' contribution to understanding mechanisms of immune system development and modulation. Stem Cells, 2020, 38, 4-5. | 3.2 | 0 |
| 15 | Combination product of dermal matrix, human mesenchymal stem cells, and timolol promotes diabetic wound healing in mice. Stem Cells Translational Medicine, 2020, 9, 1353-1364. | 3.3 | 34 |
| 16 | NODAL inhibition promotes differentiation of pacemaker-like cardiomyocytes from human induced pluripotent stem cells. Stem Cell Research, 2020, 49, 102043. | 0.7 | 19 |
| 17 | Endothelial cells derived from patientsâ€™ induced pluripotent stem cells for sustained factor VIII delivery and the treatment of hemophilia A. Stem Cells Translational Medicine, 2020, 9, 686-696. | 3.3 | 19 |
| 18 | Tunable hydrogels for mesenchymal stem cell delivery: Integrin-induced transcriptome alterations and hydrogel optimization for human wound healing. Stem Cells, 2019, 38, 231-245. | 3.2 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Now More Than Ever: The Importance of Reporting Evidence-Based Science. Stem Cells, 2019, 37, 4-5. | 3.2 | 0 |
| 20 | MSC and Mentoring. Stem Cells and Development, 2019, 28, 708-708. | 2.1 | 0 |
| 21 | Primed mesenchymal stem cells package exosomes with metabolites associated with immunomodulation. Biochemical and Biophysical Research Communications, 2019, 512, 729-735. | 2.1 | 89 |
| 22 | Enhancing Retention of Human Bone Marrow Mesenchymal Stem Cells with Prosurvival Factors Promotes Angiogenesis in a Mouse Model of Limb Ischemia. Stem Cells and Development, 2019, 28, 114-119. | 2.1 | 10 |
| 23 | Mesenchymal stem/stromal cells genetically engineered to produce vascular endothelial growth factor for revascularization in wound healing and ischemic conditions. Transfusion, 2019, 59, 893-897. | 1.6 | 13 |
| 24 | Generation of human vascularized brain organoids. NeuroReport, 2018, 29, 588-593. | 1.2 | 351 |
| 25 | Research Leads to Approved Therapies in the New Era of Living Medicine. Stem Cells, 2018, 36, 1-3. | 3.2 | 0 |
| 26 | Potential Long-Term Treatment of Hemophilia a By Early Postnatal Co-Transplantation of Cord Blood Derived Endothelial Colony-Forming Cells and Placental Mesenchymal Stem Cells. Blood, 2018, 132, 3318-3318. | 1.4 | 0 |
| 27 | Highly Efficient Differentiation of Endothelial Cells from Pluripotent Stem Cells Requires the MAPK and the PI3K Pathways. Stem Cells, 2017, 35, 909-919. | 3.2 | 113 |
| 28 | Cutting Edge Advances in Stem Cell Biology and Therapy. Stem Cells, 2017, 35, 1-2. | 3.2 | 1 |
| 29 | Protective Effect of Intravitreal Administration of Exosomes Derived from Mesenchymal Stem Cells on Retinal Ischemia. Current Eye Research, 2017, 42, 1358-1367. | 1.5 | 81 |
| 30 | Novel murine xenograft model for the evaluation of stem cell therapy for profound dysphagia. Laryngoscope, 2017, 127, E359-E363. | 2.0 | 5 |
| 31 | Concise Review: Stem Cells in Osteoimmunology. Stem Cells, 2017, 35, 1461-1467. | 3.2 | 43 |
| 32 | Electrical Guidance of Human Stem Cells in the Rat Brain. Stem Cell Reports, 2017, 9, 177-189. | 4.8 | 72 |
| 33 | Advances in bone marrow stem cell therapy for retinal dysfunction. Progress in Retinal and Eye Research, 2017, 56, 148-165. | 15.5 | 89 |
| 34 | Intravitreal Administration of Human Bone Marrow CD34+ Stem Cells in a Murine Model of Retinal Degeneration. , 2016, 57, 4125. | | 34 |
| 35 | â€œNextâ€generationâ€•mesenchymal stem or stromal cells for the in vivo delivery of bioactive factors: progressing toward the clinic. Transfusion, 2016, 56, 15S-7S. | 1.6 | 13 |
| 36 | Fibroblast Growth Factor 2 Regulates High Mobility Group A2 Expression in Human Bone Marrowâ€Derived Mesenchymal Stem Cells. Journal of Cellular Biochemistry, 2016, 117, 2128-2137. | 2.6 | 25 |

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| 37 | Allele-Specific Reduction of the Mutant Huntingtin Allele Using Transcription Activator-Like Effectors in Human Huntington's Disease Fibroblasts. Cell Transplantation, 2016, 25, 677-686. | 2.5 | 53 |
| 38 | Mesenchymal stem cell-based therapy for ischemic stroke. Chinese Neurosurgical Journal, 2016, 2, . | 0.9 | 8 |
| 39 | Engineered BDNF producing cells as a potential treatment for neurologic disease. Expert Opinion on Biological Therapy, 2016, 16, 1025-1033. | 3.1 | 45 |
| 40 | Comprehensive Proteomic Analysis of Mesenchymal Stem Cell Exosomes Reveals Modulation of Angiogenesis via Nuclear Factor-KappaB Signaling. Stem Cells, 2016, 34, 601-613. | 3.2 | 407 |
| 41 | 2015 Year in Review - Advancing the Fields of Stem Cell Biology and Therapy. Stem Cells, 2016, 34, 11-12. | 3.2 | 0 |
| 42 | Preclinical evaluation of mesenchymal stem cells overexpressing VEGF to treat critical limb ischemia. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16053. | 4.1 | 50 |
| 43 | Human Mesenchymal Stem Cells Genetically Engineered to Overexpress Brain-derived Neurotrophic Factor Improve Outcomes in Huntington's Disease Mouse Models. Molecular Therapy, 2016, 24, 965-977. | 8.2 | 140 |
| 44 | Mesenchymal Stem Cells Respond to Hypoxia by Increasing Diacylglycerols. Journal of Cellular Biochemistry, 2016, 117, 300-307. | 2.6 | 15 |
| 45 | BMI1 Regulation of Self-Renewal and Multipotency in Human Mesenchymal Stem Cells. Current Stem Cell Research and Therapy, 2016, 11, 131-140. | 1.3 | 14 |
| 46 | Clinical trial perspective for adult and juvenile Huntingtonâ€²s disease using genetically-engineered mesenchymal stem cells. Neural Regeneration Research, 2016, 11, 702. | 3.0 | 32 |
| 47 | Feasibility Study of Canine Epidermal Neural Crest Stem Cell Transplantation in the Spinal Cords of Dogs. Stem Cells Translational Medicine, 2015, 4, 1173-1186. | 3.3 | 15 |
| 48 | Human Myoblast and Mesenchymal Stem Cell Interactions Visualized by Videomicroscopy. Human Gene Therapy Methods, 2015, 26, 193-196. | 2.1 | 3 |
| 49 | New Advances in Understanding Stem Cell Fate and Function. Stem Cells, 2015, 33, 313-315. | 3.2 | 3 |
| 50 | Hypoxic Preconditioning of Mesenchymal Stromal Cells Induces Metabolic Changes, Enhances Survival, and Promotes Cell Retention In Vivo. Stem Cells, 2015, 33, 1818-1828. | 3.2 | 171 |
| 51 | Inosculation of Blood Vessels Allows Early Perfusion and Vitality of Bladder Graftsâ€"Implications for Bioengineered Bladder Wall. Tissue Engineering - Part A, 2015, 21, 1906-1915. | 3.1 | 15 |
| 52 | Companion animals: Translational scientistâ€™s new best friends. Science Translational Medicine, 2015, 7, 308ps21. | 12.4 | 145 |
| 53 | Developing stem cell therapies for juvenile and adult-onset Huntington's disease. Regenerative Medicine, 2015, 10, 623-646. | 1.7 | 36 |
| 54 | Concise Review: Human Dermis as an Autologous Source of Stem Cells for Tissue Engineering and Regenerative Medicine. Stem Cells Translational Medicine, 2015, 4, 1187-1198. | 3.3 | 33 |

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| 55 | Efficient Generation of Induced Pluripotent Stem and Neural Progenitor Cells From Acutely Harvested Dura Mater Obtained During Ventriculoperitoneal Shunt Surgery. World Neurosurgery, 2015, 84, 1256-1266.e1. | 1.3 | 14 |
| 56 | Safety and Efficacy of a tCD25 Preselective Combination Anti-HIV Lentiviral Vector in Human Hematopoietic Stem and Progenitor Cells. Stem Cells, 2015, 33, 870-879. | 3.2 | 10 |
| 57 | Stem Cells in Canine Spinal Cord Injury â€“ Promise for Regenerative Therapy in a Large Animal Model of Human Disease. Stem Cell Reviews and Reports, 2015, 11, 180-193. | 5.6 | 47 |
| 58 | Ethanol Negatively Regulates Hepatic Differentiation of hESC by Inhibition of the MAPK/ERK Signaling Pathway In Vitro. PLoS ONE, 2014, 9, e112698. | 2.5 | 28 |
| 59 | Canine Epidermal Neural Crest Stem Cells: Characterization and Potential as Therapy Candidate for a Large Animal Model of Spinal Cord Injury. Stem Cells Translational Medicine, 2014, 3, 334-345. | 3.3 | 15 |
| 60 | Autologous myoblasts attenuate atrophy and improve tongue force in a denervated tongue model: A pilot study. Laryngoscope, 2014, 124, E20-E26. | 2.0 | 19 |
| 61 | Editorial: 2013-A Year of Clinical Success and Great Scientific Innovation in the Stem Cell Field. Stem Cells, 2014, 32, 1-2. | 3.2 | 3 |
| 62 | Natural Killer Cell Subsets Differentially Reject Embryonic Stem Cells Based on Licensing. Transplantation, 2014, 97, 992-998. | 1.0 | 21 |
| 63 | Concise Review: MicroRNA Function in Multipotent Mesenchymal Stromal Cells. Stem Cells, 2014, 32, 1074-1082. | 3.2 | 123 |
| 64 | Clinical translation of stem cells: insight for cartilage therapies. Critical Reviews in Biotechnology, 2014, 34, 89-100. | 9.0 | 28 |
| 65 | Crosstalk Between Adrenergic and Toll-Like Receptors in Human Mesenchymal Stem Cells and Keratinocytes: A Recipe for Impaired Wound Healing. Stem Cells Translational Medicine, 2014, 3, 745-759. | 3.3 | 31 |
| 66 | Genetically Engineered Mesenchymal Stem Cells for Cell and Gene Therapy. , 2013, , 321-354. | | 0 |
| 67 | Highly Efficient Differentiation of Functional Hepatocytes From Human Induced Pluripotent Stem Cells. Stem Cells Translational Medicine, 2013, 2, 409-419. | 3.3 | 78 |
| 68 | Insulin and igfs enhance hepatocyte differentiation from human embryonic stem cells via the PI3K/AKT pathway. Stem Cells, 2013, 31, 2095-2103. | 3.2 | 68 |
| 69 | Immunosuppressive Activity of Adult Marrow Mesenchymal Stromal Cells on Innate Immune Cells in the Central Nervous System. Advances in Neuroimmune Biology, 2013, 4, 177-185. | 0.7 | 1 |
| 70 | Mesenchymal Stem Cells for Trinucleotide Repeat Disorders. Methods in Molecular Biology, 2013, 1010, 79-91. | 0.9 | 4 |
| 71 | Lysophosphatidic Acid Enhances Stromal Cell-Directed Angiogenesis. PLoS ONE, 2013, 8, e82134. | 2.5 | 10 |
| 72 | 18 Mesenchymal stem cells as a carrier for tumor-targeting therapeutics. , 2013, , 353-380. | | 1 |

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| 73 | Role of miRNAs in Neuronal Differentiation from Human Embryonic Stem Cellâ€"Derived Neural Stem Cells. Stem Cell Reviews and Reports, 2012, 8, 1129-1137. | 5.6 | 54 |
| 74 | Autoimmune T Cells Lured to a FASL Web of Death by MSCs. Cell Stem Cell, 2012, 10, 485-487. | 11.1 | 5 |
| 75 | Examination of mesenchymal stem cell-mediated RNAi transfer to Huntington's disease affected neuronal cells for reduction of huntingtin. Molecular and Cellular Neurosciences, 2012, 49, 271-281. | 2.2 | 71 |
| 76 | CD25 Preselective Anti-HIV Vectors for Improved HIV Gene Therapy. Human Gene Therapy Methods, 2012, 23, 366-375. | 2.1 | 7 |
| 77 | Long-Term Effects of Intravitreal Injection of GMP-Grade Bone-Marrowâ€"Derived CD34<sup>+</sup>Cells in NOD-SCID Mice with Acute Ischemia-Reperfusion Injury. , 2012, 53, 986. | | 58 |
| 78 | Editorial: Our Top 10 Developments in Stem Cell Biology over the Last 30 Years. Stem Cells, 2012, 30, 2-9. | 3.2 | 29 |
| 79 | Stem Cells New Editor. Stem Cells, 2012, 30, 1-1. | 3.2 | 0 |
| 80 | Concise Review: Induced Pluripotent Stem Cellâ€Derived Mesenchymal Stem Cells: Progress Toward Safe Clinical Products. Stem Cells, 2012, 30, 42-47. | 3.2 | 242 |
| 81 | Generation of an HIV-1-Resistant Immune System with CD34 <sup>+</sup> Hematopoietic Stem Cells Transduced with a Triple-Combination Anti-HIV Lentiviral Vector. Journal of Virology, 2012, 86, 5719-5729. | 3.4 | 80 |
| 82 | Genetically Engineered Mesenchymal Stem Cells as a Proposed Therapeutic for Huntingtonâ€™s Disease. Molecular Neurobiology, 2012, 45, 87-98. | 4.0 | 69 |
| 83 | Effects on Proliferation and Differentiation of Multipotent Bone Marrow Stromal Cells Engineered to Express Growth Factors for Combined Cell and Gene Therapy. Stem Cells, 2011, 29, 1727-1737. | 3.2 | 115 |
| 84 | Decellularized liver matrix as a carrier for the transplantation of human fetal and primary hepatocytes in mice. Liver Transplantation, 2011, 17, 418-427. | 2.4 | 94 |
| 85 | Generation of HIV-1 Resistant and Functional Macrophages From Hematopoietic Stem Cellâ€"derived Induced Pluripotent Stem Cells. Molecular Therapy, 2011, 19, 584-593. | 8.2 | 69 |
| 86 | Characterization andIn VivoTesting of Mesenchymal Stem Cells Derived from Human Embryonic Stem Cells. Tissue Engineering - Part A, 2011, 17, 1517-1525. | 3.1 | 85 |
| 87 | Small Animal Models of Tissue Regeneration. , 2011, , 379-391. | | 1 |
| 88 | Mesenchymal stem cells for the treatment of neurodegenerative disease. Regenerative Medicine, 2010, 5, 933-946. | 1.7 | 452 |
| 89 | Mesenchymal stem cells for the sustained in vivo delivery of bioactive factors. Advanced Drug Delivery Reviews, 2010, 62, 1167-1174. | 13.7 | 159 |
| 90 | STEM CELLS' Position Statement on hESC Research. Stem Cells, 2010, 28, 1A-1A. | 3.2 | 0 |

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| 91 | Human cord blood progenitors with high aldehyde dehydrogenase activity improve vascular density in a model of acute myocardial infarction. Journal of Translational Medicine, 2010, 8, 24. | 4.4 | 41 |
| 92 | shRNA-Mediated Decreases in c-Met Levels Affect the Differentiation Potential of Human Mesenchymal Stem Cells and Reduce Their Capacity for Tissue Repair. Tissue Engineering - Part A, 2010, 16, 2627-2639. | 3.1 | 11 |
| 93 | Preintegration HIV-1 Inhibition by a Combination Lentiviral Vector Containing a Chimeric TRIM5Î± Protein, a CCR5 shRNA, and a TAR Decoy. Molecular Therapy, 2009, 17, 2103-2114. | 8.2 | 50 |
| 94 | Human progenitor cells with high aldehyde dehydrogenase activity efficiently engraft into damaged liver in a novel model. Hepatology, 2009, 49, 1992-2000. | 7.3 | 47 |
| 95 | Contribution of human hematopoietic stem cells to liver repair. Seminars in Immunopathology, 2009, 31, 411-419. | 6.1 | 32 |
| 96 | Specific Transduction of HIV-Susceptible Cells for CCR5 Knockdown and Resistance to HIV Infection: A Novel Method for Targeted Gene Therapy and Intracellular Immunization. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 52, 152-161. | 2.1 | 35 |
| 97 | Revascularization of ischemic limbs after transplantation of human bone marrow cells with high aldehyde dehydrogenase activity. Blood, 2009, 113, 5340-5351. | 1.4 | 149 |
| 98 | Hypoxic Preconditioning Results in Increased Motility and Improved Therapeutic Potential of Human Mesenchymal Stem Cells. Stem Cells, 2008, 26, 2173-2182. | 3.2 | 609 |
| 99 | Lentiviral-Transduced Human Mesenchymal Stem Cells Persistently Express Therapeutic Levels of Enzyme in a Xenotransplantation Model of Human Disease. Stem Cells, 2008, 26, 1713-1722. | 3.2 | 88 |
| 100 | Fluorophore-Conjugated Iron Oxide Nanoparticle Labeling and Analysis of Engrafting Human Hematopoietic Stem Cells. Stem Cells, 2008, 26, 517-524. | 3.2 | 56 |
| 101 | Widespread Nonhematopoietic Tissue Distribution by Transplanted Human Progenitor Cells with High Aldehyde Dehydrogenase Activity. Stem Cells, 2008, 26, 611-620. | 3.2 | 77 |
| 102 | Upregulation of Runx2 and Osterix during in vitro chondrogenesis of human adipose-derived stromal cells. Biochemical and Biophysical Research Communications, 2008, 372, 230-235. | 2.1 | 27 |
| 103 | Human Hematopoietic Cell Culture, Transduction, and Analyses. Current Protocols in Human Genetics, 2008, 56, Unit 13.7. | 3.5 | 1 |
| 104 | In Vivo Biosafety Model to Assess the Risk of Adverse Events From Retroviral and Lentiviral Vectors. Molecular Therapy, 2008, 16, 1308-1315. | 8.2 | 70 |
| 105 | Hepatocyte-Like Cells Can Be Derived from Human Umbilical Cord Blood and Embryonic Stem Cells: Tested in a Novel Mouse Model. Blood, 2008, 112, 3490-3490. | 1.4 | 0 |
| 106 | Cytokine and integrin stimulation synergize to promote higher levels of GATA-2, c-myb, and CD34 protein in primary human hematopoietic progenitors from bone marrow. Blood, 2007, 109, 2373-2379. | 1.4 | 26 |
| 107 | Biology of umbilical cord blood progenitors in bone marrow niches. Blood, 2007, 110, 74-81. | 1.4 | 54 |
| 108 | <sup>19</sup> F magnetic resonance imaging for stem/progenitor cell tracking with multiple unique perfluorocarbon nanobeacons. FASEB Journal, 2007, 21, 1647-1654. | 0.5 | 303 |

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| 109 | Human Progenitor Cells Rapidly Mobilized by AMD3100 Repopulate NOD/SCID Mice with Increased Frequency in Comparison to Cells from the Same Donor Mobilized by Granulocyte Colony Stimulating Factor. Biology of Blood and Marrow Transplantation, 2007, 13, 398-411. | 2.0 | 69 |
| 110 | In Vivo Distribution of Human Adipose-Derived Mesenchymal Stem Cells in Novel Xenotransplantation Models. Stem Cells, 2007, 25, 220-227. | 3.2 | 157 |
| 111 | Factors affecting human T cell engraftment, trafficking, and associated xenogeneic graft-vs-host disease in NOD/SCID Î²2mnull mice. Experimental Hematology, 2007, 35, 1823-1838. | 0.4 | 64 |
| 112 | Ultrasound energy markedly and rapidly effects stem/progenitor cell labeling with nanoparticle beacons for molecular imaging and cell tracking. FASEB Journal, 2007, 21, A379. | 0.5 | 0 |
| 113 | Hypoxic Preconditioning Results in Increased Motility and Improved Therapeutic Potential of Human Mesenchymal Stem Cells in a Xenograft Hind Limb Ischemia Injury Model.. Blood, 2007, 110, 217-217. | 1.4 | 1 |
| 114 | Selection based on CD133 and high aldehyde dehydrogenase activity isolates long-term reconstituting human hematopoietic stem cells. Blood, 2006, 107, 2162-2169. | 1.4 | 252 |
| 115 | In Vivo Bioluminescence Imaging (BLI) and Sequential 18F]FHBG microPET Imaging Studies of Human T Cell (huT) Trafficking, Expansion and Xenogeneic Graft-Versus-Host-Disease (XGVHD) Following Different Routes of T Cell Administration.. Blood, 2006, 108, 5178-5178. | 1.4 | 0 |
| 116 | Leaky ribosomal scanning in mammalian genomes: significance of histone H4 alternative translation in vivo. Nucleic Acids Research, 2005, 33, 1298-1308. | 14.5 | 31 |
| 117 | The gold standard improves: a better assay for HSCs. Blood, 2005, 106, 1141-1142. | 1.4 | 1 |
| 118 | Bone Marrow Mesenchymal Stem Cells Provide an Alternate Pathway of Osteoclast Activation and Bone Destruction by Cancer Cells. Cancer Research, 2005, 65, 1129-1135. | 0.9 | 73 |
| 119 | Human CD34+Cells Mobilized by AMD3100 Demonstrate Enhanced NOD/SCID Repopulating Function Compared to CD34+ Cells Mobilized by Granulocyte Colony Stimulating Factor.. Blood, 2005, 106, 1962-1962. | 1.4 | 4 |
| 120 | Bone Marrow-Derived Aldehyde Dehdrogenase Expressing Cells Possess Endothelial Progenitor Function in Addition to Hematopoietic Repopulating Ability and Aid in Blood Flow Recovery after Acute Ischemic Injury.. Blood, 2005, 106, 2663-2663. | 1.4 | 2 |
| 121 | Tracking Differential Repopulation Kinetics of Human Hematopoietic Progenitor Cells Using MRI Detection of Nanoparticles.. Blood, 2005, 106, 1274-1274. | 1.4 | 0 |
| 122 | Naive and Ex Vivo Activated Human T Cells Generate Consistent Engraftment and Lethal Graft-Versus-Host Disease (GvHD) in NOD SCID Î² 2M Null Mice: A New Xenogeneic Model for GvHD.. Blood, 2005, 106, 3106-3106. | 1.4 | 0 |
| 123 | Uptake of Protamine Sulphate Complexed Fluorescent Nano-Particles Is Defined by Cell Cycle Status in Primary Human CD34+ Cells: Use of a Multi-Color p27 kip1 Based Flow Cytometric Assay.. Blood, 2005, 106, 1363-1363. | 1.4 | 0 |
| 124 | Exploring the Molecular Mechanisms for Enhancing MSC Homing and Lodgement within Sites of Liver Damage/Fibrosis.. Blood, 2005, 106, 1690-1690. | 1.4 | 0 |
| 125 | Functional characterization of highly purified human hematopoietic repopulating cells isolated according to aldehyde dehydrogenase activity. Blood, 2004, 104, 1648-1655. | 1.4 | 318 |
| 126 | Recent advances in hematopoietic stem cell biology. Current Opinion in Hematology, 2004, 11, 392-398. | 2.5 | 36 |

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| 127 | Isolation of Human CD34- Cells with High Aldehyde Dehydrogenase Activity Reveals a Novel Population with Hematopoietic Repopulating Potential.. Blood, 2004, 104, 3214-3214. | 1.4 | 9 |
| 128 | A Pilot Study Evaluating the Safety and Efficacy of AMD3100 for the Mobilization and Transplantation of HLA-Matched Sibling Donor Hematopoietic Stem Cells in Patients with Advanced Hematological Malignancies.. Blood, 2004, 104, 3341-3341. | 1.4 | 7 |
| 129 | A Murine Xenograft Model for Human T Cell Mediated Graft Versus Host Disease.. Blood, 2004, 104, 4977-4977. | 1.4 | 0 |
| 130 | GMP Scale up for a Clinical Gene Therapy Trial - High Efficiency Human T Cell Expansion and Transduction in a Closed Culture System Utilizing Serumfree Medium and Low IL-2 Concentrations.. Blood, 2004, 104, 5250-5250. | 1.4 | 0 |
| 131 | In Vivo Suicide Gene Therapy of Human T Lymphocytes To Prevent Graft Versus Host Disease in a Murine Xenograft Model.. Blood, 2004, 104, 4979-4979. | 1.4 | 0 |
| 132 | Transplantation of Human Aldehyde Dehydrogenase Expressing Cells Leads to Widespread Tissue Distribution of Donor Cells in the Novel NOD/SCID/MPSVII Xenotransplantation Model.. Blood, 2004, 104, 3601-3601. | 1.4 | 0 |
| 133 | Clonality analysis after retroviral-mediated gene transfer to CD34+ cells from the cord blood of ADA-deficient SCID neonates. Nature Medicine, 2003, 9, 463-468. | 30.7 | 134 |
| 134 | Migration of mesenchymal stem cells to heart allografts during chronic rejection. Transplantation, 2003, 75, 679-685. | 1.0 | 160 |
| 135 | Reversibility of CD34 expression on human hematopoietic stem cells that retain the capacity for secondary reconstitution. Blood, 2003, 101, 112-118. | 1.4 | 91 |
| 136 | Albumin-expressing hepatocyte-like cells develop in the livers of immune-deficient mice that received transplants of highly purified human hematopoietic stem cells. Blood, 2003, 101, 4201-4208. | 1.4 | 241 |
| 137 | Immune-deficient mouse models for analysis of human stem cells. BioTechniques, 2003, 35, 1262-1272. | 1.8 | 56 |
| 138 | Retroviral-Mediated Transduction and Clonal Integration Analysis of Human Hematopoietic Stem and Progenitor Cells. , 2002, 63, 253-274. | | 1 |
| 139 | Molecular mechanism of transforming growth factor Î²â€“mediated cell-cycle modulation in primary human CD34+ progenitors. Blood, 2002, 99, 499-506. | 1.4 | 34 |
| 140 | Long-term persistence of donor nuclei in a Duchenne muscular dystrophy patient receiving bone marrow transplantation. Journal of Clinical Investigation, 2002, 110, 807-814. | 8.2 | 140 |
| 141 | Phenotypic Comparison of Extrathymic Human Bone-Marrow-Derived T Cells with Thymic-Selected T Cells Recovered from Different Tissues. Clinical Immunology, 2001, 100, 339-348. | 3.2 | 4 |
| 142 | IL-7 Enhances the Responsiveness of Human T Cells That Develop in the Bone Marrow of Athymic Mice. Journal of Immunology, 2001, 166, 170-181. | 0.8 | 30 |
| 143 | Clinical Infection Control in Gene Therapy: A Multidisciplinary Conference. Infection Control and Hospital Epidemiology, 2000, 21, 659-673. | 1.8 | 5 |
| 144 | Immunodeficient mice as models of human hematopoietic stem cell engraftment. Current Opinion in Immunology, 1999, 11, 532-537. | 5.5 | 32 |

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| 145 | Cbl functions downstream of Src kinases in FCÎ³RI signaling in primary human macrophages. Journal of Leukocyte Biology, 1999, 65, 523-534. | 3.3 | 22 |
| 146 | An Increase in the Levels of Retroviral-Mediated Transduction of Engrafting Human Hematopoietic Progenitors Can be Obtained by Manipulation of the Hematopoietic Cell Cycle. , 1999, , 289-297. | | 0 |
| 147 | T lymphocytes with a normal ADA gene accumulate after transplantation of transduced autologous umbilical cord blood CD34+ cells in ADA-deficient SCID neonates. Nature Medicine, 1998, 4, 775-780. | 30.7 | 321 |
| 148 | Retroviral Transfer of the Glucocerebrosidase Gene into CD34<sup>+</sup>Cells from Patients with Gaucher Disease:In VivoDetection of Transduced Cells without Myeloablation. Human Gene Therapy, 1998, 9, 2629-2640. | 2.7 | 144 |
| 149 | Retroviral Transfer of the Glucocerebrosidase Gene into CD34+ Cells from Patients with Gaucher Disease: In Vivo Detection of Transduced Cells without Myeloablation. Human Gene Therapy, 1998, 9, 2629-2640. | 2.7 | 112 |
| 150 | Engraftment and Retroviral Marking of CD34+ and CD34+CD38â^' Human Hematopoietic Progenitors Assessed in Immune-Deficient Mice. Blood, 1998, 91, 1243-1255. | 1.4 | 84 |
| 151 | Haematopoietic stem cells for gene therapy. , 1997, , 447-462. | | 5 |
| 152 | Human Hematopoietic Cell Culture, Transduction, and Analyses. Current Protocols in Human Genetics, 1997, 14, 13.7.1. | 3.5 | 0 |
| 153 | FLT3 Ligand Preserves the Ability of Human CD34+ Progenitors to Sustain Long-Term Hematopoiesis in Immune-Deficient Mice After Ex Vivo Retroviral-Mediated Transduction. Blood, 1997, 89, 446-456. | 1.4 | 157 |
| 154 | Longâ€Term Cytokine Production from Engineered Primary Human Stromal Cells Influences Human Hematopoiesis in an In Vivo Xenograft Model. Stem Cells, 1997, 15, 443-454. | 3.2 | 60 |
| 155 | Engraftment of geneâ€“modified umbilical cord blood cells in neonates with adenosine deaminase deficiency. Nature Medicine, 1995, 1, 1017-1023. | 30.7 | 616 |
| 156 | Toward Gene Therapy for Gaucher Disease. Human Gene Therapy, 1991, 2, 101-105. | 2.7 | 47 |
| 157 | Comparison of the Effects of Growth Factors on Retroviral Vector-Mediated Gene Transfer and the Proliferative Status of Human Hematopoietic Progenitor Cells. Human Gene Therapy, 1990, 1, 257-268. | 2.7 | 131 |
| 158 | HDACs regulate the differentiation of endothelial cells from human iPSCs. Cell Biochemistry and Function, 0, , . | 2.9 | 0 |