Anne Dubart-Kupperschmitt

List of Publications by Year
in descending order

85	3,561	159585 30	138484 58
papers	citations	h-index	g-index

87	87	87	4347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alternative transcription and splicing of the human porphobilinogen deaminase gene result either in tissue-specific or in housekeeping expression.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 6-10.	7.1	328
2	Ex vivo expansion of human hematopoietic stem cells by direct delivery of the HOXB4 homeoprotein. Nature Medicine, 2003, 9, 1423-1427.	30.7	254
3	The human immunodeficiency virus type-1 central DNA flap is a crucial determinant for lentiviral vector nuclear import and gene transduction of human hematopoietic stem cells. Blood, 2000, 96, 4103-4110.	1.4	212
4	FOXO1 Regulates L-Selectin and a Network of Human T Cell Homing Molecules Downstream of Phosphatidylinositol 3-Kinase. Journal of Immunology, 2008, 181, 2980-2989.	0.8	181
5	Generation of functional cholangiocyteâ€like cells from human pluripotent stem cells and HepaRG cells. Hepatology, 2014, 60, 700-714.	7.3	177
6	Enhanced Transgene Expression in Cord Blood CD34+-Derived Hematopoietic Cells, Including Developing T Cells and NOD/SCID Mouse Repopulating Cells, Following Transduction with Modified TRIP Lentiviral Vectors. Molecular Therapy, 2001, 3, 438-448.	8.2	150
7	Human CD34+ cells differentiate into microglia and express recombinant therapeutic protein. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3557-3562.	7.1	150
8	Molecular cloning and complete primary sequence of human erythrocyte porphobilinogen deaminase. Nucleic Acids Research, 1986, 14, 5955-5968.	14.5	137
9	Caspase-8 prevents sustained activation of NF-Î¹B in monocytes undergoing macrophagic differentiation. Blood, 2007, 109, 1442-1450.	1.4	125
10	Lentivirus-mediated gene transfer in primary T cells is enhanced by a central DNA flap. Gene Therapy, 2001, 8, 190-198.	4.5	94
11	Expression of human CD81 differently affects host cell susceptibility to malaria sporozoites depending on the Plasmodium species. Cellular Microbiology, 2006, 8, 1134-1146.	2.1	94
12	Silencing of OB-RGRP in mouse hypothalamic arcuate nucleus increases leptin receptor signaling and prevents diet-induced obesity. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19476-19481.	7.1	92
13	Retrovirus-Mediated Gene Transfer into Human CD34⁺38^{low}Primitive Cells Capable of Reconstituting Long-Term CulturesIn Vitroand Nonobese Diabeticâ€“Severe Combined Immunodeficiency MiceIn Vivo. Human Gene Therapy, 1998, 9, 1497-1511.	2.7	84
14	The potential of induced pluripotent stem cell derived hepatocytes. Journal of Hepatology, 2016, 65, 182-199.	3.7	80
15	E-Cadherin/p120-Catenin and Tetraspanin Co-029 Cooperate for Cell Motility Control in Human Colon Carcinoma. Cancer Research, 2010, 70, 7674-7683.	0.9	77
16	Transplantation of hESC-derived hepatocytes protects mice from liver injury. Stem Cell Research and Therapy, 2015, 6, 246.	5.5	69
17	Lentivirus degradation and DC-SIGN expression by human platelets and megakaryocytes. Journal of Thrombosis and Haemostasis, 2006, 4, 426-435.	3.8	66
18	Structure of the gene for human uroporphyrinogen decarboxylase. Nucleic Acids Research, 1987, 15, 7343-7356.	14.5	62

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19	Pluripotent-Stem-Cell-Derived Hepatic Cells: Hepatocytes and Organoids for Liver Therapy and Regeneration. Cells, 2020, 9, 420.	4.1	61
20	Rescue of early-stage myelodysplastic syndrome-deriving erythroid precursors by the ectopic expression of a dominant-negative form of FADD. Blood, 2005, 105, 4035-4042.	1.4	58
21	Transduced CD34+ cells from adrenoleukodystrophy patients with HIV-derived vector mediate long-term engraftment of NOD/SCID mice. Molecular Therapy, 2003, 7, 317-324.	8.2	57
22	Human Pluripotent Stem Cells for Modelling Human Liver Diseases and Cell Therapy. Current Gene Therapy, 2013, 13, 120-132.	2.0	55
23	Autocrine stimulation by erythropoietin and autonomous growth of human erythroid leukemic cells in vitro.. Journal of Clinical Investigation, 1991, 88, 789-797.	8.2	49
24	SCL/TAL1 expression level regulates human hematopoietic stem cell self-renewal and engraftment. Blood, 2005, 106, 2318-2328.	1.4	45
25	Characterization of DNA-binding-dependent and -independent functions of SCL/TAL1 during human erythropoiesis. Blood, 2004, 103, 3326-3335.	1.4	44
26	Hematopoietic-promoting activity of the murine stromal cell line MS-5 is not related to the expression of the major hematopoietic cytokines. Journal of Cellular Physiology, 1995, 163, 295-304.	4.1	43
27	Murine pluripotent hematopoietic progenitors constitutively expressing a normal erythropoietin receptor proliferate in response to erythropoietin without preferential erythroid cell differentiation.. Molecular and Cellular Biology, 1994, 14, 4834-4842.	2.3	42
28	Novel lentiviral vectors displaying â€œearly-acting cytokinesâ€•selectively promote survival and transduction of NOD/SCID repopulating human hematopoietic stem cells. Blood, 2005, 106, 3386-3395.	1.4	42
29	Identification of a new mutation responsible for hepatoerythropoietic porphyria. European Journal of Clinical Investigation, 1991, 21, 225-229.	3.4	40
30	Expression of Pitx2 in stromal cells is required for normal hematopoiesis. Blood, 2006, 107, 492-500.	1.4	31
31	Messenger RNA- Versus Retrovirus-Based Induced Pluripotent Stem Cell Reprogramming Strategies: Analysis of Genomic Integrity. Stem Cells Translational Medicine, 2014, 3, 686-691.	3.3	30
32	Low-density lipoprotein receptor-deficient hepatocytes differentiated from induced pluripotent stem cells allow familial hypercholesterolemia modeling, CRISPR/Cas-mediated genetic correction, and productive hepatitis C virus infection. Stem Cell Research and Therapy, 2019, 10, 221.	5.5	30
33	Advanced Techniques and Awaited Clinical Applications for Human Pluripotent Stem Cell Differentiation into Hepatocytes. Hepatology, 2021, 74, 1101-1116.	7.3	29
34	Spontaneous and Fas-induced apoptosis of low-grade MDS erythroid precursors involves the endoplasmic reticulum. Leukemia, 2008, 22, 1864-1873.	7.2	27
35	Assignment of human uroporphyrinogen decarboxylase (URO-D) to the p34 band of chromosome 1. Human Genetics, 1986, 73, 277-279.	3.8	26
36	Regulation of Id Gene Expression during Embryonic Stem Cell-Derived Hematopoietic Differentiation. Biochemical and Biophysical Research Communications, 2000, 276, 803-812.	2.1	22

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37	Integration-deficient lentivectors: an effective strategy to purify and differentiate human embryonic stem cell-derived hepatic progenitors. BMC Biology, 2013, 11, 86.	3.8	20
38	Fetal to adult hemoglobin switch in cultures of early erythroid precursors from human fetuses and neonates. American Journal of Hematology, 1979, 7, 207-218.	4.1	19
39	Probing platelet factor 4 alpha-granule targeting. Journal of Thrombosis and Haemostasis, 2004, 2, 2231-2240.	3.8	19
40	Genomic integrity of human induced pluripotent stem cells: Reprogramming, differentiation and applications. World Journal of Stem Cells, 2019, 11, 729-747.	2.8	19
41	Rapid and reliable diagnosis of Wilson disease using Xâ€ray fluorescence. Journal of Pathology: Clinical Research, 2016, 2, 175-186.	3.0	18
42	NACA is a positive regulator of human erythroid-cell differentiation. Journal of Cell Science, 2005, 118, 1595-1605.	2.0	17
43	In vitro generated Rh_{null} red cells recapitulate the in vivo deficiency: A model for rare blood group phenotypes and erythroid membrane disorders. American Journal of Hematology, 2013, 88, 343-349.	4.1	17
44	Requirement for mitogen-activated protein kinase activation in the response of embryonic stem cellâ€“derived hematopoietic cells to thrombopoietin in vitro. Blood, 2002, 99, 1174-1182.	1.4	16
45	Globinâ€Chain Affinity Chromatography on Sepharoseâ€Haptoglobin a New Method of Study of Hemoglobin Synthesis in Reticulocytes, in Bone Marrow and in Colonies of Erythroid Precursors. FEBS Journal, 1980, 112, 513-519.	0.2	16
46	Liver regeneration following repeated reversible portal vein embolization in an experimental model. British Journal of Surgery, 2016, 103, 1209-1219.	0.3	15
47	Hemoglobin Synthesis in 7-Day and 14-Day-Old Erythroid Colonies from the Bone Marrow of Normal Individuals. Hemoglobin, 1980, 4, 53-67.	0.8	14
48	HepaRG Self-Assembled Spheroids in Alginate Beads Meet the Clinical Needs for Bioartificial Liver. Tissue Engineering - Part A, 2020, 26, 613-622.	3.1	13
49	Maximal lentivirus-mediated gene transfer and sustained transgene expression in human hematopoietic primitive cells and their progeny. Molecular Therapy, 2002, 6, 673-7.	8.2	13
50	Glycoprotein IbÎ± Promoter Drives Megakaryocytic Lineage-Restricted Expression After Hematopoietic Stem Cell Transduction Using a Self-Inactivating Lentiviral Vector. Stem Cells, 2007, 25, 1571-1577.	3.2	12
51	In vitro recovery of FIX clotting activity as a marker of highly functional hepatocytes in a hemophilia B iPSC model. Hepatology, 2022, 75, 866-880.	7.3	12
52	Expression of a foreign protein in human megakaryocytes and platelets by retrovirally mediated gene transfer. Experimental Hematology, 1999, 27, 110-116.	0.4	11
53	Embryonic stem cell differentiation to hematopoietic cells. Experimental Hematology, 2000, 28, 1363-1372.	0.4	11
54	Hepatocytic Differentiation Potential of Human Fetal Liver Mesenchymal Stem Cells:In VitroandIn VivoEvaluation. Stem Cells International, 2016, 2016, 1-12.	2.5	11

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55	Volumetric Portal Embolization. Transplantation, 2016, 100, 344-354.	1.0	11
56	Stem Cell Factor-Displaying Simian Immunodeficiency Viral Vectors Together with a Low Conditioning Regimen Allow for Long-Term Engraftment of Gene-Marked Autologous Hematopoietic Stem Cells in Macaques. Human Gene Therapy, 2012, 23, 754-768.	2.7	10
57	Evidence of Adult Features and Functions of Hepatocytes Differentiated from Human Induced Pluripotent Stem Cells and Self-Organized as Organoids. Cells, 2022, 11, 537.	4.1	10
58	Cell-free translation of messenger RNA for human bisphospho-glyceromutase. Biochemical and Biophysical Research Communications, 1984, 120, 441-447.	2.1	9
59	Maximal Lentivirus-Mediated Gene Transfer and Sustained Transgene Expression in Human Hematopoietic Primitive Cells and Their Progeny. Molecular Therapy, 2002, 6, 673-677.	8.2	9
60	Improving Hepatocyte Engraftment Following Hepatocyte Transplantation Using Repeated Reversible Portal Vein Embolization in Rats. Liver Transplantation, 2019, 25, 98-110.	2.4	9
61	A versatile microfluidic tool for the 3D culture of HepaRG cells seeded at various stages of differentiation. Scientific Reports, 2021, 11, 14075.	3.3	9
62	Fetal hemoglobin synthesis in culture of early erythroid precursors (BFU-E) from the blood of normal adults. Journal of Cellular Physiology, 1980, 102, 297-303.	4.1	6
63	Elevated Hb F Associated with Î²â€Thalassaemia Trait: Haemoglobin Synthesis in Reticulocytes and in Blood BFUâ€£. Scandinavian Journal of Haematology, 1981, 25, 339-346.	0.0	6
64	An Atypical Human Induced Pluripotent Stem Cell Line With a Complex, Stable, and Balanced Genomic Rearrangement Including a Large De Novo 1q Uniparental Disomy. Stem Cells Translational Medicine, 2015, 4, 224-229.	3.3	6
65	Lentiviral gene rescue of a Bernardâ€“Soulier mouse model to study platelet glycoprotein IbÎ² function. Journal of Thrombosis and Haemostasis, 2016, 14, 1470-1479.	3.8	6
66	Advanced cellâ€based modeling of the royal disease: characterization of the mutated F9mRNA. Journal of Thrombosis and Haemostasis, 2017, 15, 2188-2197.	3.8	6
67	Thrombopoietin-induced Dami cells as a model for Î±-granule biogenesis. Platelets, 2004, 15, 341-344.	2.3	5
68	Pluripotent stem cell-derived cholangiocytes and cholangiocyte organoids. Methods in Cell Biology, 2020, 159, 69-93.	1.1	4
69	A Population of Human Mesenchymal Stem Cells Specific to the Fetal Liver Development. Journal of Stem Cell Research & Therapy, 2014, 04, .	0.3	4
70	Novel Lentiviral Vectors Displaying â€˜Early-Acting-Cytokinesâ€™ Preferentially Promote the Survival and Transduction of NOD/SCID Repopulating Human Hematopoietic Stem Cells.. Blood, 2004, 104, 2107-2107.	1.4	4
71	Lasting Hb F Reactivation and Hb A₂ Reduction Induced by the Treatment of Hodgkinâ€™s Disease in a Woman Heterozygous for Beta-Thalassemia and the Swiss Type of the Heterocellular Hereditary Persistence of Hb F. Acta Haematologica, 1982, 67, 275-284.	1.4	3
72	Cell-free translation of human uroporphyrinogen decarboxylase mRNAs. Biochemical and Biophysical Research Communications, 1984, 118, 378-382.	2.1	2

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73	Successful Transduction of Human Multipotent, Lymphoid (T, B, NK) and Myeloid, and Transplantable CD34+CD38lowCord Blood Cells Using a Murine Oncoretroviral Vector. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 327-336.	1.8	2
74	Liver Regeneration and Recanalization Time Course following Repeated Reversible Portal Vein Embolization in Swine. European Surgical Research, 2020, 61, 62-71.	1.3	2
75	Genome Editing and Dialogic Responsibility: â€œWhat's in a Name?â€• American Journal of Bioethics, 2015, 15, 54-57.	0.9	1
76	Low density lipoprotein receptor-deficient hepatocytes differentiated from induced pluripotent stem cells allow familial Hypercholesterolemia modelling, CRISPR/Cas-mediated genetic correction, and productive hepatitis C virus infection. Journal of Hepatology, 2018, 68, S82.	3.7	1
77	P030 A role for the endoplasmic reticulum in the apoptosis of erythroid precursors in low risk myelodysplastic syndromes. Leukemia Research, 2007, 31, S57.	0.8	0
78	1101 LENTIVIRAL VECTOR-MEDIATED PURIFICATION OF HEPATIC PROGENITORS DIFFERENTIATED FROM HUMAN EMBRYONIC STEM CELLS. Journal of Hepatology, 2011, 54, S436.	3.7	0
79	295 HUMAN INDUCED PLURIPOTENT STEM CELLS (iPSCs) REPROGRAMMED WITH HOME-MADE-mRNAs: A TOOL FOR STEM-CELL DERIVED HEPATOCYTE STUDIES. Journal of Hepatology, 2013, 58, S124.	3.7	0
80	Induced Pluripotent Stem Cells (IPSCS) from a Patient with Familial Hypercholesterolemia: A Novel Model to Study LDL Receptor Functions and Targeted Recombination. Journal of Hepatology, 2016, 64, S300-S301.	3.7	0
81	Differentiation of human pluripotent stem cells into hepatocytes is more efficient in spheroids than in 2D culture. Journal of Hepatology, 2018, 68, S412-S413.	3.7	0
82	Autologous cell/gene therapy approach of hemophilia B using patient specific induced Pluripotent Stem Cells. Journal of Hepatology, 2018, 68, S81-S82.	3.7	0
83	Both the Endoplasmic Reticulum and the Mitochondria Are Involved in Apoptosis of Erythroid Precursors in Low Grade Myelodysplastic Syndromes.. Blood, 2006, 108, 2638-2638.	1.4	0
84	Fas-Dependent Apoptosis in Early MDS Erythroid Precursors Involves Endoplasmic Reticulum.. Blood, 2007, 110, 3346-3346.	1.4	0
85	iPSCs for modeling familial hypercholesterolemia type II A. , 2020, , 201-219.		0