Eric E Bouhassira

List of Publications by Year
in descending order

95	7,234	76326 40	62596 80
papers	citations	h-index	g-index

99	99	99	10094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lentiviral globin gene therapy with reduced-intensity conditioning in adults with Î²-thalassemia: a phase 1 trial. Nature Medicine, 2022, 28, 63-70.	30.7	18
2	Translesion polymerase eta both facilitates DNA replication and promotes increased human genetic variation at common fragile sites. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
3	Characterization of Hematopoiesis in Sickle Cell Disease by Prospective Isolation of Stem and Progenitor Cells. Cells, 2020, 9, 2159.	4.1	14
4	HbF Levels in Sickle Cell Disease Are Associated with Proportion of Circulating Hematopoietic Stem and Progenitor Cells and CC-Chemokines. Cells, 2020, 9, 2199.	4.1	0
5	Clonal origin in normal adults of all blood lineages and circulating hematopoietic stem cells. Experimental Hematology, 2020, 83, 25-34.e2.	0.4	3
6	Hemoglobin F mitigation of sickle cell complications decreases with aging. American Journal of Hematology, 2020, 95, E122-E125.	4.1	3
7	Differentiation of Baboon (Papio anubis) Induced-Pluripotent Stem Cells into Enucleated Red Blood Cells. Cells, 2019, 8, 1282.	4.1	8
8	PSC-RED and MNC-RED: Albumin-free and low-transferrin robust erythroid differentiation protocols to produce human enucleated red blood cells. Experimental Hematology, 2019, 75, 31-52.e15.	0.4	25
9	Ultra-High-Frequency Reprogramming of Individual Long-Term Hematopoietic Stem Cells Yields Low Somatic Variant Induced Pluripotent Stem Cells. Cell Reports, 2019, 26, 2580-2592.e7.	6.4	14
10	Adamts13-Cultured Red Blood Cells to Treat Thrombotic Thrombocytopenic Purpura. Blood, 2019, 134, 89-89.	1.4	0
11	Long-Term Hydroxyurea Use Is Associated with Lower Levels of Hematopoietic Stem and Progenitor Cells in Patients with Sickle Cell Disease. Blood, 2019, 134, 985-985.	1.4	1
12	Common Myeloid Progenitors As Biomarkers of Hbf Response to Hydroxyurea in Sickle Cell Disease. Blood, 2019, 134, 4827-4827.	1.4	0
13	Mechanisms of establishment and functional significance of DNA demethylation during erythroid differentiation. Blood Advances, 2018, 2, 1833-1852.	5.2	15
14	The scientific legacy of Ronald L. Nagel (1936â€“2016), a true renaissance man. American Journal of Hematology, 2016, 91, 865-866.	4.1	0
15	Distinct epigenetic features of differentiation-regulated replication origins. Epigenetics and Chromatin, 2016, 9, 18.	3.9	47
16	Variation in Gamma-Globin Expression before and after Induction with Hydroxyurea Associated with BCL11A, KLF1 and TAL1. PLoS ONE, 2015, 10, e0129431.	2.5	15
17	Amelioration of Hyperbilirubinemia in Gunn Rats after Transplantation of Human Induced Pluripotent Stem Cell-Derived Hepatocytes. Stem Cell Reports, 2015, 5, 22-30.	4.8	64
18	Allele-specific analysis of DNA replication origins in mammalian cells. Nature Communications, 2015, 6, 7051.	12.8	40

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19	GenPlay Multi-Genome, a tool to compare and analyze multiple human genomes in a graphical interface. Bioinformatics, 2015, 31, 109-111.	4.1	5
20	Allele-Specific Genome-wide Profiling in Human Primary Erythroblasts Reveal Replication Program Organization. PLoS Genetics, 2014, 10, e1004319.	3.5	54
21	The exosome complex establishes a barricade to erythroid maturation. Blood, 2014, 124, 2285-2297.	1.4	58
22	Erythropoiesis from Human Embryonic Stem Cells Through Erythropoietin-Independent AKT Signaling. Stem Cells, 2014, 32, 1503-1514.	3.2	9
23	Small RNAs derived from lncRNA RNase MRP have gene-silencing activity relevant to human cartilageâ€“hair hypoplasia. Human Molecular Genetics, 2014, 23, 368-382.	2.9	83
24	Histone H1.3 Suppresses H19 Noncoding RNA Expression and Cell Growth of Ovarian Cancer Cells. Cancer Research, 2014, 74, 6463-6473.	0.9	68
25	Identification of a BET Family Bromodomain/Casein Kinase II/TAF-Containing Complex as a Regulator of Mitotic Condensin Function. Cell Reports, 2014, 6, 892-905.	6.4	11
26	Therapeutic potential of hematopoietic cells derived from pluripotent stem cells. Expert Opinion on Biological Therapy, 2013, 13, 1099-1102.	3.1	3
27	High-Resolution Mapping of H1 Linker Histone Variants in Embryonic Stem Cells. PLoS Genetics, 2013, 9, e1003417.	3.5	106
28	Complete Genome Phasing of Family Quartet by Combination of Genetic, Physical and Population-Based Phasing Analysis. PLoS ONE, 2013, 8, e64571.	2.5	9
29	Inducing Definitive Erythropoiesis From Human Embryonic Stem Cells Through a Novel Intracellular MPL Dimerization Strategy. Blood, 2013, 122, 1172-1172.	1.4	1
30	Concise Review: Production of Cultured Red Blood Cells from Stem Cells. Stem Cells Translational Medicine, 2012, 1, 927-933.	3.3	32
31	Zinc-finger nuclease-mediated correction of Î±-thalassemia in iPS cells. Blood, 2012, 120, 3906-3914.	1.4	90
32	Novel, High-Yield Red Blood Cell Production Methods from CD34-Positive Cells Derived from Human Embryonic Stem, Yolk Sac, Fetal Liver, Cord Blood, and Peripheral Blood. Stem Cells Translational Medicine, 2012, 1, 604-614.	3.3	31
33	A transgenic mouse model expressing exclusively human hemoglobin E: Indications of a mild oxidative stress. Blood Cells, Molecules, and Diseases, 2012, 48, 91-101.	1.4	9
34	Autophagy Driven by a Master Regulator of Hematopoiesis. Molecular and Cellular Biology, 2012, 32, 226-239.	2.3	119
35	Production of Embryonic and Fetal-Like Red Blood Cells from Human Induced Pluripotent Stem Cells. PLoS ONE, 2011, 6, e25761.	2.5	60
36	Systematic Targeted Integration to Study Albumin Gene Control Elements. PLoS ONE, 2011, 6, e23234.	2.5	2

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37	GenPlay, a multipurpose genome analyzer and browser. Bioinformatics, 2011, 27, 1889-1893.	4.1	23
38	Reprogramming of Embryonic Human Fibroblasts into Fetal Hematopoietic Progenitors by Fusion with Human Fetal Liver CD34+ Cells. PLoS ONE, 2011, 6, e18265.	2.5	10
39	Hepcidin in Male Double Red Blood Cell Donors - Relationship Between Parameters of Iron Metabolism and Erythropoiesis. Blood, 2011, 118, 2109-2109.	1.4	0
40	Transferrin therapy ameliorates disease in Î²-thalassemic mice. Nature Medicine, 2010, 16, 177-182.	30.7	178
41	Efficient generation of lens progenitor cells and lentoid bodies from human embryonic stem cells in chemically defined conditions. FASEB Journal, 2010, 24, 3274-3283.	0.5	98
42	Gene Specificity of Suppression of Transgene-Mediated Insertional Transcriptional Activation by the Chicken HS4 Insulator. PLoS ONE, 2009, 4, e5956.	2.5	19
43	Decreased replication origin activity in temporal transition regions. Journal of Cell Biology, 2009, 187, 623-635.	5.2	43
44	Predictable dynamic program of timing of DNA replication in human cells. Genome Research, 2009, 19, 2288-2299.	5.5	107
45	High-resolution genome-wide cytosine methylation profiling with simultaneous copy number analysis and optimization for limited cell numbers. Nucleic Acids Research, 2009, 37, 3829-3839.	14.5	141
46	Exogenous iron increases hemoglobin in Î²â€“thalassemic mice. Experimental Hematology, 2009, 37, 172-183.	0.4	34
47	Developmentally regulated extended domains of DNA hypomethylation encompass highly transcribed genes of the human Î²-globin locus. Experimental Hematology, 2009, 37, 807-813.e2.	0.4	15
48	Human embryonic stem cells in culture possess primary cilia with hedgehog signaling machinery. Journal of Cell Biology, 2008, 180, 897-904.	5.2	135
49	Globin switches in yolk sacâ€“like primitive and fetal-like definitive red blood cells produced from human embryonic stem cells. Blood, 2008, 111, 2400-2408.	1.4	141
50	Toward the manufacture of red blood cells?. Blood, 2008, 112, 4362-4363.	1.4	12
51	CG dinucleotide clustering is a species-specific property of the genome. Nucleic Acids Research, 2007, 35, 6798-6807.	14.5	74
52	Transcriptional interference among the murine Î²-like globin genes. Blood, 2007, 109, 2210-2216.	1.4	29
53	Increased Global Gene Promoter Methylation after Relapse (Rel) of Acute Promyelocytic Leukemia (APL) from All-trans Retinoic Acid (ATRA)-Containing Treatment Is Dissociated from Concurrent Gene Expression Changes.. Blood, 2007, 110, 2121-2121.	1.4	9
54	34 + 43 = early human blood lineage. Blood, 2006, 108, 1787-1788.	1.4	0

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55	Preventing gene silencing with human replicators. Nature Biotechnology, 2006, 24, 572-576.	17.5	37
56	Differentiation of Human Embryonic Stem Cells into Bipotent Mesenchymal Stem Cells. Stem Cells, 2006, 24, 1914-1922.	3.2	200
57	Large-scale production of embryonic red blood cells from human embryonic stem cells. Experimental Hematology, 2006, 34, 1635-1642.	0.4	153
58	DNA Methylation Supports Intrinsic Epigenetic Memory in Mammalian Cells. PLoS Genetics, 2006, 2, e65.	3.5	51
59	ADAMTS13 is expressed in hepatic stellate cells. Laboratory Investigation, 2005, 85, 780-788.	3.7	181
60	Differentiation of human embryonic stem cells into hematopoietic cells by coculture with human fetal liver cells recapitulates the globin switch that occurs early in development. Experimental Hematology, 2005, 33, 1450-1458.	0.4	125
61	Enzymatically Active ADAMTS13 Variants Are Not Inhibited by Anti-ADAMTS13 Autoantibodies. Journal of Biological Chemistry, 2005, 280, 39934-39941.	3.4	48
62	The Human Î²-Globin Locus Control Region Can Silence as Well as Activate Gene Expression. Molecular and Cellular Biology, 2005, 25, 3864-3874.	2.3	33
63	Methylation protects cytidines from AID-mediated deamination. Molecular Immunology, 2005, 42, 599-604.	2.2	71
64	Histone H1 Depletion in Mammals Alters Global Chromatin Structure but Causes Specific Changes in Gene Regulation. Cell, 2005, 123, 1199-1212.	28.9	493
65	Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells.. Blood, 2005, 106, 1389-1389.	1.4	0
66	Positively Charged Alpha-Chains Can Stimulate K-Cl Cotransport in Transgenic Mouse Red Cells.. Blood, 2005, 106, 2326-2326.	1.4	1
67	Enzymatically-Active ADAMTS13 Variants Are Not Inhibited by Anti-ADAMTS13 Autoantibodies - A Potential Novel Therapeutic Strategy.. Blood, 2005, 106, 57-57.	1.4	0
68	Large-Scale Liquid Culture Production of Erythroid Cells from Human Embryonic Stem Cells.. Blood, 2005, 106, 3631-3631.	1.4	0
69	Embryonic to Fetal Globin Switch Is Associated with Erythroid Cell Maturation in Primitive Hematopoiesis Derived from hESCs.. Blood, 2005, 106, 3625-3625.	1.4	4
70	Generation of transgenic mice expressing human hemoglobin E. Blood Cells, Molecules, and Diseases, 2004, 33, 303-307.	1.4	13
71	A Novel Mechanism of ADAMTS13 Deficiency in Mice.. Blood, 2004, 104, 3668-3668.	1.4	0
72	Dynamic Alterations of Replication Timing in Mammalian Cells. Current Biology, 2003, 13, 1019-1028.	3.9	58

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73	Promoters of the murine embryonic Â-like globin genes Ey and Âh1 do not compete for interaction with the Â-globin locus control region. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1111-1115.	7.1	11
74	Mammalian linker-histone subtypes differentially affect gene expression in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5920-5925.	7.1	96
75	Gene Length and Proximity to Neighbors Affect Genome-Wide Expression Levels. Genome Research, 2003, 13, 2602-2608.	5.5	77
76	Transgenic Mice and Hemoglobinopathies. , 2003, 82, 213-241.		16
77	Permanent and panerythroid correction of murine Â thalassemia by multiple lentiviral integration in hematopoietic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14380-14385.	7.1	185
78	Transcriptional Interference by Independently Regulated Genes Occurs in Any Relative Arrangement of the Genes and Is Influenced by Chromosomal Integration Position. Molecular and Cellular Biology, 2002, 22, 469-479.	2.3	159
79	Correction of Sickle Cell Disease in Transgenic Mouse Models by Gene Therapy. Science, 2001, 294, 2368-2371.	12.6	536
80	Position Effects Are Influenced by the Orientation of a Transgene with Respect to Flanking Chromatin. Molecular and Cellular Biology, 2001, 21, 298-309.	2.3	73
81	Targeted deletion of 5â€²HS1 and 5â€²HS4 of the Î²-globin locus control region reveals additive activity of the DNaseI hypersensitive sites. Blood, 2001, 98, 2022-2027.	1.4	67
82	Mutations in a member of the ADAMTS gene family cause thrombotic thrombocytopenic purpura. Nature, 2001, 413, 488-494.	27.8	1,623
83	Sequences Flanking Hypersensitive Sites of the Î²-Globin Locus Control Region Are Required for Synergistic Enhancement. Molecular and Cellular Biology, 2001, 21, 2969-2980.	2.3	49
84	Non-erythroid Genes Inserted on Either Side of Human HS-40 Impair the Activation of Its Natural Î±-Globin Gene Targets without Being Themselves Preferentially Activated. Journal of Biological Chemistry, 2000, 275, 25831-25839.	3.4	13
85	Genomic Targeting of Methylated DNA: Influence of Methylation on Transcription, Replication, Chromatin Structure, and Histone Acetylation. Molecular and Cellular Biology, 2000, 20, 9103-9112.	2.3	147
86	Deletions within the Mouse Î²-Globin Locus Control Region Preferentially Reduce Î²min Globin Gene Expression. Genomics, 2000, 63, 417-424.	2.9	10
87	Towards gene therapy of sickle cell disease. Expert Opinion on Therapeutic Patents, 2000, 10, 1081-1093.	5.0	0
88	Embryonic Stem Cells Release Potentially Novel Hematopoietic Factors. Acta Haematologica, 1999, 102, 172-179.	1.4	0
89	Site-specific chromosomal integration in mammalian cells: highly efficient CRE recombinase-mediated cassette exchange. Journal of Molecular Biology, 1999, 292, 779-785.	4.2	190
90	Anti-Î²s-Ribozyme Reduces Î²s mRNA Levels in Transgenic Mice: Potential Application to the Gene Therapy of Sickle Cell Anemia. Blood Cells, Molecules, and Diseases, 1999, 25, 110-119.	1.4	22

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91	Enhancer-Dependent Transcriptional Oscillations in Mouse Erythroleukemia Cells. Molecular and Cellular Biology, 1999, 19, 4907-4917.	2.3	20
92	The Chicken Î²-Globin 5â€²HS4 Boundary Element Blocks Enhancer-Mediated Suppression of Silencing. Molecular and Cellular Biology, 1999, 19, 3714-3726.	2.3	58
93	Properties of the mouse Î±-globin HS-26: Relationship to HS-40, the major enhancer of human Î±-globin gene expression. , 1997, 54, 30-39.		13
94	Hpal polymorphic site 3â€² of the human Î²â€globin gene is inside a repetitive sequence and cannot be ascertained by polymerase chain reaction. American Journal of Hematology, 1992, 39, 226-227.	4.1	5
95	Polymerase chain reaction amplification applied to the determination of Î²â€like globin gene cluster haplotypes. American Journal of Hematology, 1989, 32, 66-69.	4.1	289