Olivier Humbert

List of Publications by Year
in descending order

18	495	933447 10	839539 18
papers	citations	h-index	g-index

18	18	18	703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeted homology-directed repair in blood stem and progenitor cells with CRISPR nanoformulations. Nature Materials, 2019, 18, 1124-1132.	27.5	113
2	Therapeutically relevant engraftment of a CRISPR-Cas9â€“edited HSC-enriched population with HbF reactivation in nonhuman primates. Science Translational Medicine, 2019, 11, .	12.4	88
3	Long-term multilineage engraftment of autologous genome-edited hematopoietic stem cells in nonhuman primates. Blood, 2016, 127, 2416-2426.	1.4	62
4	TALEN-Mediated Gene Editing of HBG in Human Hematopoietic Stem Cells Leads to Therapeutic Fetal Hemoglobin Induction. Molecular Therapy - Methods and Clinical Development, 2019, 12, 175-183.	4.1	45
5	A Nonhuman Primate Transplantation Model to Evaluate Hematopoietic Stem Cell Gene Editing Strategies for Î²-Hemoglobinopathies. Molecular Therapy - Methods and Clinical Development, 2018, 8, 75-86.	4.1	36
6	Rapid immune reconstitution of SCID-X1 canines after G-CSF/AMD3100 mobilization and in vivo gene therapy. Blood Advances, 2018, 2, 987-999.	5.2	27
7	Multiplex CRISPR/Cas9 genome editing in hematopoietic stem cells for fetal hemoglobin reinduction generates chromosomal translocations. Molecular Therapy - Methods and Clinical Development, 2021, 23, 507-523.	4.1	21
8	Effective Multi-lineage Engraftment in a Mouse Model of Fanconi Anemia Using Non-genotoxic Antibody-Based Conditioning. Molecular Therapy - Methods and Clinical Development, 2020, 17, 455-464.	4.1	19
9	Genome editing in large animal models. Molecular Therapy, 2021, 29, 3140-3152.	8.2	18
10	In-Vivo Gene Therapy with Foamy Virus Vectors. Viruses, 2019, 11, 1091.	3.3	16
11	Efficient polymer nanoparticle-mediated delivery of gene editing reagents into human hematopoietic stem and progenitor cells. Molecular Therapy, 2022, 30, 2186-2198.	8.2	16
12	In Vivo Gene Therapy for Canine SCID-X1 Using Cocal-Pseudotyped Lentiviral Vector. Human Gene Therapy, 2021, 32, 113-127.	2.7	8
13	Mouse models in hematopoietic stem cell gene therapy and genome editing. Biochemical Pharmacology, 2020, 174, 113692.	4.4	7
14	Sorting Out the Best: Enriching Hematopoietic Stem Cells for Gene Therapy and Editing. Molecular Therapy, 2018, 26, 2328-2329.	8.2	4
15	CRISPR/Cas9 for the treatment of haematological diseases: a journey from bacteria to the bedside. British Journal of Haematology, 2021, 192, 33-49.	2.5	4
16	AMD3100 redosing fails to repeatedly mobilize hematopoietic stem cells in the nonhuman primate and humanized mouse. Experimental Hematology, 2021, 93, 52-60.e1.	0.4	4
17	Intracellular RNase activity dampens zinc finger nuclease-mediated gene editing in hematopoietic stem and progenitor cells. Molecular Therapy - Methods and Clinical Development, 2022, 24, 30-39.	4.1	4
18	Preparation and Gene Modification of Nonhuman Primate Hematopoietic Stem and Progenitor Cells. Journal of Visualized Experiments, 2019, , .	0.3	3