# 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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | In Vivo Gene Therapy for Canine SCID-X1 Using Cocal-Pseudotyped Lentiviral Vector. Human Gene Therapy, 2021, 32, 113-127. | 2.7 | 8 |
| 5 | 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 |
| 6 | Genome editing in large animal models. Molecular Therapy, 2021, 29, 3140-3152. | 8.2 | 18 |
| 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 | Mouse models in hematopoietic stem cell gene therapy and genome editing. Biochemical Pharmacology, 2020, 174, 113692. | 4.4 | 7 |
| 9 | 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 |
| 10 | 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 |
| 11 | Targeted homology-directed repair in blood stem and progenitor cells with CRISPR nanoformulations. Nature Materials, 2019, 18, 1124-1132. | 27.5 | 113 |
| 12 | Preparation and Gene Modification of Nonhuman Primate Hematopoietic Stem and Progenitor Cells. Journal of Visualized Experiments, 2019, , . | 0.3 | 3 |
| 13 | 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 |
| 14 | In-Vivo Gene Therapy with Foamy Virus Vectors. Viruses, 2019, 11, 1091. | 3.3 | 16 |
| 15 | 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 |
| 16 | Sorting Out the Best: Enriching Hematopoietic Stem Cells for Gene Therapy and Editing. Molecular Therapy, 2018, 26, 2328-2329. | 8.2 | 4 |
| 17 | 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 |
| 18 | Long-term multilineage engraftment of autologous genome-edited hematopoietic stem cells in nonhuman primates. Blood, 2016, 127, 2416-2426. | 1.4 | 62 |