Alessio Cantore

List of Publications by Year
in descending order

21 papers	2,063 citations	516710 16 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	2944 citing authors

#	Article	IF	Citations
1	Endogenous microRNA can be broadly exploited to regulate transgene expression according to tissue, lineage and differentiation state. Nature Biotechnology, 2007, 25, 1457-1467.	17.5	539
2	Site-specific integration and tailoring of cassette design for sustainable gene transfer. Nature Methods, 2011, 8, 861-869.	19.0	300
3	A microRNA-regulated lentiviral vector mediates stable correction of hemophilia B mice. Blood, 2007, 110, 4144-4152.	1.4	246
4	Dynamics and genomic landscape of CD8+ T cells undergoing hepatic priming. Nature, 2019, 574, 200-205.	27.8	135
5	In vivo delivery of a microRNA-regulated transgene induces antigen-specific regulatory T cells and promotes immunologic tolerance. Blood, 2009, 114, 5152-5161.	1.4	128
6	Hepatocyteâ€targeted expression by integraseâ€defective lentiviral vectors induces antigenâ€specific tolerance in mice with low genotoxic risk. Hepatology, 2011, 53, 1696-1707.	7.3	123
7	Liver-directed lentiviral gene therapy in a dog model of hemophilia B. Science Translational Medicine, 2015, 7, 277ra28.	12.4	118
8	Hyperfunctional coagulation factor IX improves the efficacy of gene therapy in hemophilic mice. Blood, 2012, 120, 4517-4520.	1.4	84
9	Phagocytosis-shielded lentiviral vectors improve liver gene therapy in nonhuman primates. Science Translational Medicine, 2019, 11, .	12.4	65
10	Liver gene therapy by lentiviral vectors reverses antiâ€factor <scp>IX</scp> preâ€existing immunity in haemophilic mice. EMBO Molecular Medicine, 2013, 5, 1684-1697.	6.9	55
11	Insulin B chain 9â€“23 gene transfer to hepatocytes protects from type 1 diabetes by inducing Ag-specific FoxP3 ⁺ T _{regs}. Science Translational Medicine, 2015, 7, 289ra81.	12.4	55
12	Modulation of immune responses in lentiviral vector-mediated gene transfer. Cellular Immunology, 2019, 342, 103802.	3.0	49
13	Genome editing for scalable production of alloantigenâ€free lentiviral vectors for inÂvivo geneÂtherapy. EMBO Molecular Medicine, 2017, 9, 1558-1573.	6.9	41
14	Retrieval of vector integration sites from cell-free DNA. Nature Medicine, 2021, 27, 1458-1470.	30.7	26
15	Laboratory-Scale Lentiviral Vector Production and Purification for Enhanced ExÂVivo and InÂVivo Genetic Engineering. Molecular Therapy - Methods and Clinical Development, 2020, 19, 411-425.	4.1	21
16	WFH Stateâ€ofâ€theâ€art paper 2020: In vivo lentiviral vector gene therapy for haemophilia. Haemophilia, 2021, 27, 122-125.	2.1	21
17	Regenerative medicine: the red planet for clinicians. Internal and Emergency Medicine, 2019, 14, 911-921.	2.0	19
18	Therapeutic liver repopulation by transient acetaminophen selection of gene-modified hepatocytes. Science Translational Medicine, 2021, 13, .	12.4	16

#	Article	IF	Citations
19	Liver-directed lentiviral gene therapy corrects hemophilia A mice and achieves normal-range factor VIII activity in non-human primates. Nature Communications, 2022, 13, 2454.	12.8	11
20	InÂvivo generation of CAR T cells in the presence of human myeloid cells. Molecular Therapy - Methods and Clinical Development, 2022, 26, 144-156.	4.1	8
21	In vivo Gene Therapy to the Liver and Nervous System: Promises and Challenges. Frontiers in Medicine, 2021, 8, 774618.	2.6	3