Andrea Calabria

List of Publications by Year
in descending order

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55	4,818	279798	289244
papers	citations	23 h-index	40 g-index

56	56	56	6621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lentiviral Hematopoietic Stem Cell Gene Therapy Benefits Metachromatic Leukodystrophy. Science, 2013, 341, 1233158.	12.6	998
2	Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome. Science, 2013, 341, 1233151.	12.6	900
3	Targeted genome editing in human repopulating haematopoietic stem cells. Nature, 2014, 510, 235-240.	27.8	517
4	Lentiviral haemopoietic stem-cell gene therapy in early-onset metachromatic leukodystrophy: an ad-hoc analysis of a non-randomised, open-label, phase 1/2 trial. Lancet, The, 2016, 388, 476-487.	13.7	393
5	Precise Gene Editing Preserves Hematopoietic Stem Cell Function following Transient p53-Mediated DNA Damage Response. Cell Stem Cell, 2019, 24, 551-565.e8.	11.1	237
6	MYO1EMutations and Childhood Familial Focal Segmental Glomerulosclerosis. New England Journal of Medicine, 2011, 365, 295-306.	27.0	221
7	Intrabone hematopoietic stem cell gene therapy for adult and pediatric patients affected by transfusion-dependent ÃŸ-thalassemia. Nature Medicine, 2019, 25, 234-241.	30.7	188
8	In vivo tracking of T cells in humans unveils decade-long survival and activity of genetically modified T memory stem cells. Science Translational Medicine, 2015, 7, 273ra13.	12.4	160
9	Genomewide Association Study Using a High-Density Single Nucleotide Polymorphism Array and Case-Control Design Identifies a Novel Essential Hypertension Susceptibility Locus in the Promoter Region of Endothelial NO Synthase. Hypertension, 2012, 59, 248-255.	2.7	144
10	Targeted Next-Generation Sequencing Appoints C16orf57 as Clericuzio-Type Poikiloderma with Neutropenia Gene. American Journal of Human Genetics, 2010, 86, 72-76.	6.2	135
11	Sleeping Beautyâ€“engineered CAR T cells achieve antileukemic activity without severe toxicities. Journal of Clinical Investigation, 2020, 130, 6021-6033.	8.2	102
12	A multilevel data integration resource for breast cancer study. BMC Systems Biology, 2010, 4, 76.	3.0	85
13	HIV-1-mediated insertional activation of STAT5B and BACH2 trigger viral reservoir in T regulatory cells. Nature Communications, 2017, 8, 498.	12.8	78
14	Hematopoietic Stem- and Progenitor-Cell Gene Therapy for Hurler Syndrome. New England Journal of Medicine, 2021, 385, 1929-1940.	27.0	75
15	Phagocytosis-shielded lentiviral vectors improve liver gene therapy in nonhuman primates. Science Translational Medicine, 2019, 11, .	12.4	65
16	AAV integration in human hepatocytes. Molecular Therapy, 2021, 29, 2898-2909.	8.2	64
17	miRNA-126 Orchestrates an Oncogenic Program in B Cell Precursor Acute Lymphoblastic Leukemia. Cancer Cell, 2016, 29, 905-921.	16.8	57
18	Safe and Efficient Gene Therapy for Pyruvate Kinase Deficiency. Molecular Therapy, 2016, 24, 1187-1198.	8.2	55

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19	Pervasive supply of therapeutic lysosomal enzymes in the <scp>CNS</scp> of normal and Krabbeâ€affected nonâ€human primates by intracerebral lentiviral gene therapy. EMBO Molecular Medicine, 2016, 8, 489-510.	6.9	50
20	Immunotherapy of acute leukemia by chimeric antigen receptor-modified lymphocytes using an improved Sleeping Beauty transposon platform. Oncotarget, 2016, 7, 51581-51597.	1.8	43
21	Preclinical Testing of the Safety and Tolerability of Lentiviral Vectorâ€"Mediated Above-Normal Alpha-L-Iduronidase Expression in Murine and Human Hematopoietic Cells Using Toxicology and Biodistribution Good Laboratory Practice Studies. Human Gene Therapy, 2016, 27, 813-829.	2.7	40
22	Retrieval of vector integration sites from cell-free DNA. Nature Medicine, 2021, 27, 1458-1470.	30.7	26
23	VISPA: a computational pipeline for the identification and analysis of genomic vector integration sites. Genome Medicine, 2014, 6, 67.	8.2	25
24	SNPranker 2.0: a gene-centric data mining tool for diseases associated SNP prioritization in GWAS. BMC Bioinformatics, 2013, 14, S9.	2.6	23
25	VISPA2: a scalable pipeline for high-throughput identification and annotation of vector integration sites. BMC Bioinformatics, 2017, 18, 520.	2.6	23
26	Multiple Integrated Non-clinical Studies Predict the Safety of Lentivirus-Mediated Gene Therapy for Î²-Thalassemia. Molecular Therapy - Methods and Clinical Development, 2018, 11, 9-28.	4.1	21
27	Hematopoietic Tumors in a Mouse Model of X-linked Chronic Granulomatous Disease after Lentiviral Vector-Mediated Gene Therapy. Molecular Therapy, 2021, 29, 86-102.	8.2	17
28	Lentiviral Vector-based Insertional Mutagenesis Identifies Genes Involved in the Resistance to Targeted Anticancer Therapies. Molecular Therapy, 2014, 22, 2056-2068.	8.2	16
29	Efficient and safe correction of hemophilia A by lentiviral vector-transduced BOECs in an implantable device. Molecular Therapy - Methods and Clinical Development, 2021, 23, 551-566.	4.1	11
30	adLIMS: a customized open source software that allows bridging clinical and basic molecular research studies. BMC Bioinformatics, 2015, 16, S5.	2.6	10
31	Assessing the Impact of Cyclosporin A on Lentiviral Transduction and Preservation of Human Hematopoietic Stem Cells in Clinically RelevantEx VivoGene Therapy Settings. Human Gene Therapy, 2019, 30, 1133-1146.	2.7	8
32	Î³-TRIS: a graph-algorithm for comprehensive identification of vector genomic insertion sites. Bioinformatics, 2020, 36, 1622-1624.	4.1	7
33	Intrathymic adeno-associated virus gene transfer rapidly restores thymic function and long-term persistence of gene-corrected T cells. Journal of Allergy and Clinical Immunology, 2020, 145, 679-697.e5.	2.9	6
34	SNPRanker: a tool for identification and scoring of SNPs associated to target genes. Journal of Integrative Bioinformatics, 2010, 7, 331-345.	1.5	4
35	SNPRanker: a tool for identification and scoring of SNPs associated to target genes. Journal of Integrative Bioinformatics, 2010, 7, .	1.5	4
36	Ontology-based resources for bioinformatics analysis. International Journal of Metadata, Semantics and Ontologies, 2011, 6, 35.	0.2	3

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37	Grid Based Genome Wide Studies on Atrial Flutter. Journal of Grid Computing, 2010, 8, 511-527.	3.9	2
38	Comprehensive Clonal Mapping of Hematopoiesis in Vivo in Humans By Retroviral Vector Insertional Barcoding. Blood, 2014, 124, 5-5.	1.4	2
39	2. Identification and Ranking of Different Chromatin Insulators to Block Vector-Driven Enhancer-Mediated Insertional Mutagenesis In Vivo. Molecular Therapy, 2016, 24, S1-S2.	8.2	1
40	Ontological Enrichment of the Genes-to-Systems Breast Cancer Database. Communications in Computer and Information Science, 2009, , 171-182.	0.5	1
41	In Vivo Tracking of T Cells in Humans Unveils Decade-Long Survival and Activity of Genetically Modified T Memory Stem Cells. Blood, 2014, 124, 547-547.	1.4	1
42	Targeted Next-Generation Sequencing Appoints C16orf57 asÂClericuzio-Type Poikiloderma with Neutropenia Gene. American Journal of Human Genetics, 2010, 87, 445.	6.2	0
43	3. Safety Assessment of SIN LVs Harboring Chromatin Insulators in the Sensitive Cdkn2a-/- In Vivo Genotoxicity Assay Show Enhancer-Blocking Activity of Specific Insulator Sequences. Molecular Therapy, 2015, 23, S2.	8.2	0
44	26. HIV-1 Mediated Insertional Mutagenesis Increase the Persistence of Infected T Cells in Patients Under ART by Triggering Their Differentiation Into Long Lived T-Regulatory and T-Central Memory Cells. Molecular Therapy, 2015, 23, S12.	8.2	0
45	27. Aberrant Expression of the Stem Cell microRNA-126 Induces B Cell Malignancy. Molecular Therapy, 2015, 23, S12.	8.2	0
46	476. Clonal Tracking of Engineered Hematopoiesis In Vivo in Humans By Insertional Barcoding. Molecular Therapy, 2015, 23, S189.	8.2	0
47	530. Development of New Lentiviral Vectors With a Reduced Splicing Interference Potential and a Safer In Vivo Genotoxic Profile. Molecular Therapy, 2015, 23, S212-S213.	8.2	0
48	535. Increasing Accuracy and Precision of Vector Integration Site Identification of Sequencing Reads With a New Bioinformatics Framework. Molecular Therapy, 2015, 23, S215.	8.2	0
49	212. Lentiviral Insertional Mutagenesis Helps to Uncover the Mechanisms of Resistance to AZD9291 and CO-1686 in EGFR-Mutant Lung Adenocarcinoma. Molecular Therapy, 2016, 24, S83.	8.2	0
50	529. Lentiviral Vectors with a Reduced Splicing Interference Potential Have a Significantly Improved Safety Profile In Vivo. Molecular Therapy, 2016, 24, S211-S212.	8.2	0
51	537. New Graph-Based Algorithm for Comprehensive Identification and Tracking Retroviral Integration Sites. Molecular Therapy, 2016, 24, S214-S215.	8.2	0
52	674. Insertional Mutagenesis to Identify Mechanisms of Cetuximab Resistance in Colorectal Cancer. Molecular Therapy, 2016, 24, S266-S267.	8.2	0
53	681. HIV-1 Mediated Insertional Activation of STAT5B and BACH2 Promotes the Formation of a Viral Reservoir in T Regulatory Cells. Molecular Therapy, 2016, 24, S269-S270.	8.2	0
54	Genomic and Transcriptional Immunoediting of Acute Myeloid Leukemia in Response to Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2011, 118, 329-329.	1.4	0

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55	Clonal reconstruction from co-occurrence of vector integration sites accurately quantifies expanding clones in vivo. Nature Communications, 2022, 13, .	12.8	0