# Andrea Calabria

List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 55<br>papers | 4,818<br>citations | 279798<br>23<br>h-index | 289244<br>40<br>g-index |
| 56<br>all docs | 56<br>docs citations | 56<br>times ranked | 6621<br>citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 1 | Clonal reconstruction from co-occurrence of vector integration sites accurately quantifies expanding clones in vivo. Nature Communications, 2022, 13, . | 12.8 | 0 |
| 2 | 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 |
| 3 | Retrieval of vector integration sites from cell-free DNA. Nature Medicine, 2021, 27, 1458-1470. | 30.7 | 26 |
| 4 | AAV integration in human hepatocytes. Molecular Therapy, 2021, 29, 2898-2909. | 8.2 | 64 |
| 5 | 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 |
| 6 | Hematopoietic Stem- and Progenitor-Cell Gene Therapy for Hurler Syndrome. New England Journal of Medicine, 2021, 385, 1929-1940. | 27.0 | 75 |
| 7 | Î³-TRIS: a graph-algorithm for comprehensive identification of vector genomic insertion sites. Bioinformatics, 2020, 36, 1622-1624. | 4.1 | 7 |
| 8 | 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 |
| 9 | Sleeping Beautyâ€"engineered CAR T cells achieve antileukemic activity without severe toxicities. Journal of Clinical Investigation, 2020, 130, 6021-6033. | 8.2 | 102 |
| 10 | 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 |
| 11 | Phagocytosis-shielded lentiviral vectors improve liver gene therapy in nonhuman primates. Science Translational Medicine, 2019, 11, . | 12.4 | 65 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | HIV-1-mediated insertional activation of STAT5B and BACH2 trigger viral reservoir in T regulatory cells. Nature Communications, 2017, 8, 498. | 12.8 | 78 |
| 16 | VISPA2: a scalable pipeline for high-throughput identification and annotation of vector integration sites. BMC Bioinformatics, 2017, 18, 520. | 2.6 | 23 |
| 17 | Immunotherapy of acute leukemia by chimeric antigen receptor-modified lymphocytes using an improved <i>Sleeping Beauty</i> transposon platform. Oncotarget, 2016, 7, 51581-51597. | 1.8 | 43 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 537. New Graph-Based Algorithm for Comprehensive Identification and Tracking Retroviral Integration Sites. Molecular Therapy, 2016, 24, S214-S215. | 8.2 | 0 |
| 23 | 674. Insertional Mutagenesis to Identify Mechanisms of Cetuximab Resistance in Colorectal Cancer. Molecular Therapy, 2016, 24, S266-S267. | 8.2 | 0 |
| 24 | 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 |
| 25 | Safe and Efficient Gene Therapy for Pyruvate Kinase Deficiency. Molecular Therapy, 2016, 24, 1187-1198. | 8.2 | 55 |
| 26 | 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 |
| 27 | miRNA-126 Orchestrates an Oncogenic Program in B Cell Precursor Acute Lymphoblastic Leukemia. Cancer Cell, 2016, 29, 905-921. | 16.8 | 57 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 27. Aberrant Expression of the Stem Cell microRNA-126 Induces B Cell Malignancy. Molecular Therapy, 2015, 23, S12. | 8.2 | 0 |
| 32 | 476. Clonal Tracking of Engineered Hematopoiesis In Vivo in Humans By Insertional Barcoding. Molecular Therapy, 2015, 23, S189. | 8.2 | 0 |
| 33 | 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 |
| 34 | 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 |
| 35 | adLIMS: a customized open source software that allows bridging clinical and basic molecular research studies. BMC Bioinformatics, 2015, 16, S5. | 2.6 | 10 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | VISPA: a computational pipeline for the identification and analysis of genomic vector integration sites. Genome Medicine, 2014, 6, 67. | 8.2 | 25 |
| 38 | Targeted genome editing in human repopulating haematopoietic stem cells. Nature, 2014, 510, 235-240. | 27.8 | 517 |
| 39 | Lentiviral Vector-based Insertional Mutagenesis Identifies Genes Involved in the Resistance to Targeted Anticancer Therapies. Molecular Therapy, 2014, 22, 2056-2068. | 8.2 | 16 |
| 40 | Comprehensive Clonal Mapping of Hematopoiesis in Vivo in Humans By Retroviral Vector Insertional Barcoding. Blood, 2014, 124, 5-5. | 1.4 | 2 |
| 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 | SNPranker 2.0: a gene-centric data mining tool for diseases associated SNP prioritization in GWAS. BMC Bioinformatics, 2013, 14, S9. | 2.6 | 23 |
| 43 | Lentiviral Hematopoietic Stem Cell Gene Therapy Benefits Metachromatic Leukodystrophy. Science, 2013, 341, 1233158. | 12.6 | 998 |
| 44 | Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome. Science, 2013, 341, 1233151. | 12.6 | 900 |
| 45 | 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 |
| 46 | Ontology-based resources for bioinformatics analysis. International Journal of Metadata, Semantics and Ontologies, 2011, 6, 35. | 0.2 | 3 |
| 47 | *MYO1E* Mutations and Childhood Familial Focal Segmental Glomerulosclerosis. New England Journal of Medicine, 2011, 365, 295-306. | 27.0 | 221 |
| 48 | Genomic and Transcriptional Immunoediting of Acute Myeloid Leukemia in Response to Allogeneic Hematopoietic Stem Cell Transplantation. Blood, 2011, 118, 329-329. | 1.4 | 0 |
| 49 | SNPRanker: a tool for identification and scoring of SNPs associated to target genes. Journal of Integrative Bioinformatics, 2010, 7, 331-345. | 1.5 | 4 |
| 50 | 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 |
| 51 | Targeted Next-Generation Sequencing Appoints C16orf57 asÂClericuzio-Type Poikiloderma with Neutropenia Gene. American Journal of Human Genetics, 2010, 87, 445. | 6.2 | 0 |
| 52 | Grid Based Genome Wide Studies on Atrial Flutter. Journal of Grid Computing, 2010, 8, 511-527. | 3.9 | 2 |
| 53 | A multilevel data integration resource for breast cancer study. BMC Systems Biology, 2010, 4, 76. | 3.0 | 85 |
| 54 | SNPRanker: a tool for identification and scoring of SNPs associated to target genes. Journal of Integrative Bioinformatics, 2010, 7, . | 1.5 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 55 | Ontological Enrichment of the Genes-to-Systems Breast Cancer Database. Communications in Computer and Information Science, 2009, , 171-182. | 0.5 | 1 |