# Alice Telesnitsky

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 2,180 citations | 201674 27 h-index | 223800 46 g-index |
| 51 all docs | 51 docs citations | 51 times ranked | 1650 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bimodal Expression Patterns, and Not Viral Burst Sizes, Predict the Effects of Vpr on HIV-1 Proviral Populations in Jurkat Cells. MBio, 2022, , e0374821. | 4.1 | 0 |
| 2 | Stability and conformation of the dimeric HIV-1 genomic RNA 5â€²UTR. Biophysical Journal, 2021, 120, 4874-4890. | 0.5 | 13 |
| 3 | 5â€²-Cap sequestration is an essential determinant of HIV-1 genome packaging. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 26 |
| 4 | HIV-1 spliced RNAs display transcription start site bias. Rna, 2020, 26, 708-714. | 3.5 | 11 |
| 5 | Identification of the initial nucleocapsid recognition element in the HIV-1 RNA packaging signal. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17737-17746. | 7.1 | 50 |
| 6 | Structural basis for transcriptional start site control of HIV-1 RNA fate. Science, 2020, 368, 413-417. | 12.6 | 76 |
| 7 | Flexibility in Nucleic Acid Binding Is Central to APOBEC3H Antiviral Activity. Journal of Virology, 2019, 93, . | 3.4 | 8 |
| 8 | Stable integrant-specific differences in bimodal HIV-1 expression patterns revealed by high-throughput analysis. PLoS Pathogens, 2019, 15, e1007903. | 4.7 | 5 |
| 9 | Influence of gag and RRE Sequences on HIV-1 RNA Packaging Signal Structure and Function. Journal of Molecular Biology, 2018, 430, 2066-2079. | 4.2 | 21 |
| 10 | Multiple, Switchable Protein:RNA Interactions Regulate Human Immunodeficiency Virus Type 1 Assembly. Annual Review of Virology, 2018, 5, 165-183. | 6.7 | 50 |
| 11 | The Host RNAs in Retroviral Particles. Viruses, 2016, 8, 235. | 3.3 | 40 |
| 12 | Host RNA Packaging by Retroviruses: A Newly Synthesized Story. MBio, 2016, 7, e02025-15. | 4.1 | 32 |
| 13 | Resolution of Specific Nucleotide Mismatches by Wild-Type and AZT-Resistant Reverse Transcriptases during HIV-1 Replication. Journal of Molecular Biology, 2016, 428, 2275-2288. | 4.2 | 7 |
| 14 | Transcriptional start site heterogeneity modulates the structure and function of the HIV-1 genome. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13378-13383. | 7.1 | 78 |
| 15 | Analysis of the human immunodeficiency virus-1 RNA packageome. Rna, 2016, 22, 1228-1238. | 3.5 | 46 |
| 16 | Structure of the HIV-1 RNA packaging signal. Science, 2015, 348, 917-921. | 12.6 | 211 |
| 17 | A retrovirus packages nascent host noncoding RNAs from a novel surveillance pathway. Genes and Development, 2015, 29, 646-657. | 5.9 | 40 |
| 18 | Determinants of Moloney Murine Leukemia Virus Gag-Pol and Genomic RNA Proportions. Journal of Virology, 2014, 88, 7267-7275. | 3.4 | 3 |

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|---|---|---|---|
| 19 | cis-Acting Determinants of 7SL RNA Packaging by HIV-1. Journal of Virology, 2012, 86, 7934-7942. | 3.4 | 19 |
| 20 | Identification of a Minimal Region of the HIV-1 5â€²-Leader Required for RNA Dimerization, NC Binding, and Packaging. Journal of Molecular Biology, 2012, 417, 224-239. | 4.2 | 89 |
| 21 | Moloney murine leukemia virus genomic RNA packaged in the absence of a full complement of wild type nucleocapsid protein. Virology, 2012, 430, 100-109. | 2.4 | 3 |
| 22 | NMR Detection of Structures in the HIV-1 5â€²-Leader RNA That Regulate Genome Packaging. Science, 2011, 334, 242-245. | 12.6 | 227 |
| 23 | 7SL RNA Is Retained in HIV-1 Minimal Virus-Like Particles as an S-Domain Fragment. Journal of Virology, 2010, 84, 9070-9077. | 3.4 | 34 |
| 24 | Retroviral RNA Dimerization and Packaging: The What, How, When, Where, and Why. PLoS Pathogens, 2010, 6, e1001007. | 4.7 | 83 |
| 25 | Retroviruses: Molecular Biology, Genomics and Pathogenesis. Future Virology, 2010, 5, 539-543. | 1.8 | 15 |
| 26 | An RNA Structural Switch Regulates Diploid Genome Packaging by Moloney Murine Leukemia Virus. Journal of Molecular Biology, 2010, 396, 141-152. | 4.2 | 46 |
| 27 | Structure of a Conserved Retroviral RNA Packaging Element by NMR Spectroscopy and Cryo-Electron Tomography. Journal of Molecular Biology, 2010, 404, 751-772. | 4.2 | 63 |
| 28 | Packaging of Host mY RNAs by Murine Leukemia Virus May Occur Early in Y RNA Biogenesis. Journal of Virology, 2009, 83, 12526-12534. | 3.4 | 37 |
| 29 | The Remarkable Frequency of Human Immunodeficiency Virus Type 1 Genetic Recombination. Microbiology and Molecular Biology Reviews, 2009, 73, 451-480. | 6.6 | 139 |
| 30 | Pseudodiploid Genome Organization Aids Full-Length Human Immunodeficiency Virus Type 1 DNA Synthesis. Journal of Virology, 2008, 82, 2376-2384. | 3.4 | 18 |
| 31 | Effects of Identity Minimization on Moloney Murine Leukemia Virus Template Recognition and Frequent Tertiary Template-Directed Insertions during Nonhomologous Recombination. Journal of Virology, 2007, 81, 12156-12168. | 3.4 | 5 |
| 32 | Characterization of a natural heterodimer between MLV genomic RNA and the SDâ€² retroelement generated by alternative splicing. Rna, 2007, 13, 2266-2276. | 3.5 | 12 |
| 33 | Two distinct Moloney murine leukemia virus RNAs produced from a single locus dimerize at random. Virology, 2006, 344, 391-400. | 2.4 | 29 |
| 34 | Evidence for the acquisition of multi-drug resistance in an HIV-1 clinical isolate via human sequence transduction. Virology, 2006, 351, 1-6. | 2.4 | 9 |
| 35 | 7SL RNA, but not the 54-kd signal recognition particle protein, is an abundant component of both infectious HIV-1 and minimal virus-like particles. Rna, 2006, 12, 542-546. | 3.5 | 85 |
| 36 | Nonrandom Packaging of Host RNAs in Moloney Murine Leukemia Virus. Journal of Virology, 2005, 79, 13528-13537. | 3.4 | 64 |

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|---|---|---|---|
| 37 | Nonrandom Dimerization of Murine Leukemia Virus Genomic RNAs. Journal of Virology, 2004, 78, 12129-12139. | 3.4 | 41 |
| 38 | Human Immunodeficiency Virus Type 1 Transductive Recombination Can Occur Frequently and in Proportion to Polyadenylation Signal Readthrough. Journal of Virology, 2004, 78, 3419-3428. | 3.4 | 22 |
| 39 | Mismatch Extension During Strong Stop Strand Transfer and Minimal Homology Requirements for Replicative Template Switching During Moloney Murine Leukemia Virus Replication. Journal of Molecular Biology, 2003, 330, 657-674. | 4.2 | 8 |
| 40 | Human Immunodeficiency Virus Type 1 Genetic Recombination Is More Frequent Than That of Moloney Murine Leukemia Virus despite Similar Template Switching Rates. Journal of Virology, 2003, 77, 4577-4587. | 3.4 | 69 |
| 41 | RNase H Activity Is Required for High-Frequency Repeat Deletion during Moloney Murine Leukemia Virus Replication. Journal of Virology, 2002, 76, 88-95. | 3.4 | 26 |
| 42 | Frequency of Direct Repeat Deletion in a Human Immunodeficiency Virus Type 1 Vector during Reverse Transcription in Human Cells. Virology, 2001, 286, 475-482. | 2.4 | 43 |
| 43 | Effects of Limiting Homology at the Site of Intermolecular Recombinogenic Template Switching during Moloney Murine Leukemia Virus Replication. Journal of Virology, 2001, 75, 11263-11274. | 3.4 | 40 |
| 44 | Structure-Based Moloney Murine Leukemia Virus Reverse Transcriptase Mutants with Altered Intracellular Direct-Repeat Deletion Frequencies. Journal of Virology, 2000, 74, 9629-9636. | 3.4 | 22 |
| 45 | Replication of Lengthened Moloney Murine Leukemia Virus Genomes Is Impaired at Multiple Stages. Journal of Virology, 2000, 74, 2694-2702. | 3.4 | 37 |
| 46 | Altering the Intracellular Environment Increases the Frequency of Tandem Repeat Deletion during Moloney Murine Leukemia Virus Reverse Transcription. Journal of Virology, 1999, 73, 8441-8447. | 3.4 | 56 |
| 47 | Effects of 3â€² Untranslated Region Mutations on Plus-Strand Priming during Moloney Murine Leukemia Virus Replication. Journal of Virology, 1999, 73, 948-957. | 3.4 | 27 |
| 48 | Cis-acting elements required for strong stop acceptor template selection during moloney murine leukemia virus reverse transcription. Journal of Molecular Biology, 1998, 281, 1-15. | 4.2 | 27 |
| 49 | [27] Assays for retroviral reverse transcriptase. Methods in Enzymology, 1995, 262, 347-362. | 1.0 | 68 |