

Edouard Bertrand

List of Publications by Year in descending order

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133
papers

15,342
citations

28274

55
h-index

19749

117
g-index

150
all docs

150
docs citations

150
times ranked

14995
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Localization of ASH1 mRNA Particles in Living Yeast. <i>Molecular Cell</i> , 1998, 2, 437-445. | 9.7 | 1,475 |
| 2 | Inhibition of Translational Initiation by Let-7 MicroRNA in Human Cells. <i>Science</i> , 2005, 309, 1573-1576. | 12.6 | 1,247 |
| 3 | The RasGAP-associated endoribonuclease G3BP assembles stress granules. <i>Journal of Cell Biology</i> , 2003, 160, 823-831. | 5.2 | 790 |
| 4 | From Silencing to Gene Expression. <i>Cell</i> , 2004, 116, 683-698. | 28.9 | 658 |
| 5 | P-Body Purification Reveals the Condensation of Repressed mRNA Regulons. <i>Molecular Cell</i> , 2017, 68, 144-157.e5. | 9.7 | 581 |
| 6 | Single mRNA Molecules Demonstrate Probabilistic Movement in Living Mammalian Cells. <i>Current Biology</i> , 2003, 13, 161-167. | 3.9 | 529 |
| 7 | Cajal body-specific small nuclear RNAs: a novel class of 2'-O-methylation and pseudouridylation guide RNAs. <i>EMBO Journal</i> , 2002, 21, 2746-2756. | 7.8 | 417 |
| 8 | FISH-quant: automatic counting of transcripts in 3D FISH images. <i>Nature Methods</i> , 2013, 10, 277-278. | 19.0 | 338 |
| 9 | smiFISH and FISH-quant – a flexible single RNA detection approach with super-resolution capability. <i>Nucleic Acids Research</i> , 2016, 44, e165-e165. | 14.5 | 312 |
| 10 | Suv39H1 and HP1 ³ are responsible for chromatin-mediated HIV-1 transcriptional silencing and post-integration latency. <i>EMBO Journal</i> , 2007, 26, 424-435. | 7.8 | 281 |
| 11 | DNA Damage Regulates Alternative Splicing through Inhibition of RNA Polymerase II Elongation. <i>Cell</i> , 2009, 137, 708-720. | 28.9 | 267 |
| 12 | Human telomerase RNA and box H/ACA scaRNAs share a common Cajal body-specific localization signal. <i>Journal of Cell Biology</i> , 2004, 164, 647-652. | 5.2 | 248 |
| 13 | HSP90 and Its R2TP/Prefoldin-like Cochaperone Are Involved in the Cytoplasmic Assembly of RNA Polymerase II. <i>Molecular Cell</i> , 2010, 39, 912-924. | 9.7 | 246 |
| 14 | A single-molecule view of transcription reveals convoys of RNA polymerases and multi-scale bursting. <i>Nature Communications</i> , 2016, 7, 12248. | 12.8 | 233 |
| 15 | ADAR2-mediated editing of RNA substrates in the nucleolus is inhibited by C/D small nucleolar RNAs. <i>Journal of Cell Biology</i> , 2005, 169, 745-753. | 5.2 | 223 |
| 16 | Hypermethylation of the Cap Structure of Both Yeast snRNAs and snoRNAs Requires a Conserved Methyltransferase that Is Localized to the Nucleolus. <i>Molecular Cell</i> , 2002, 9, 891-901. | 9.7 | 222 |
| 17 | Modification of Sm small nuclear RNAs occurs in the nucleoplasmic Cajal body following import from the cytoplasm. <i>EMBO Journal</i> , 2003, 22, 1878-1888. | 7.8 | 213 |
| 18 | The human cap-binding complex is functionally connected to the nuclear RNA exosome. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1367-1376. | 8.2 | 199 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Translationally Repressed mRNA Transiently Cycles through Stress Granules during Stress. <i>Molecular Biology of the Cell</i> , 2008, 19, 4469-4479. | 2.1 | 197 |
| 20 | The Hsp90 chaperone controls the biogenesis of L7Ae RNPs through conserved machinery. <i>Journal of Cell Biology</i> , 2008, 180, 579-595. | 5.2 | 196 |
| 21 | A common sequence motif determines the Cajal body-specific localization of box H/ACA scaRNAs. <i>EMBO Journal</i> , 2003, 22, 4283-4293. | 7.8 | 181 |
| 22 | Human Box H/ACA Pseudouridylation Guide RNA Machinery. <i>Molecular and Cellular Biology</i> , 2004, 24, 5797-5807. | 2.3 | 180 |
| 23 | The transcriptional cycle of HIV-1 in real-time and live cells. <i>Journal of Cell Biology</i> , 2007, 179, 291-304. | 5.2 | 174 |
| 24 | Cell Cycle-dependent Recruitment of Telomerase RNA and Cajal Bodies to Human Telomeres. <i>Molecular Biology of the Cell</i> , 2006, 17, 944-954. | 2.1 | 168 |
| 25 | Mammalian and yeast U3 snoRNPs are matured in specific and related nuclear compartments. <i>EMBO Journal</i> , 2002, 21, 2736-2745. | 7.8 | 167 |
| 26 | Visualization of single endogenous polysomes reveals the dynamics of translation in live human cells. <i>Journal of Cell Biology</i> , 2016, 214, 769-781. | 5.2 | 158 |
| 27 | PHAX and CRM1 Are Required Sequentially to Transport U3 snoRNA to Nucleoli. <i>Molecular Cell</i> , 2004, 16, 777-787. | 9.7 | 157 |
| 28 | Dendrites of Mammalian Neurons Contain Specialized P-Body-Like Structures That Respond to Neuronal Activation. <i>Journal of Neuroscience</i> , 2008, 28, 13793-13804. | 3.6 | 153 |
| 29 | Crosstalk between mRNA 3' End Processing and Transcription Initiation. <i>Molecular Cell</i> , 2010, 40, 410-422. | 9.7 | 153 |
| 30 | A Growing Toolbox to Image Gene Expression in Single Cells: Sensitive Approaches for Demanding Challenges. <i>Molecular Cell</i> , 2018, 71, 468-480. | 9.7 | 149 |
| 31 | Inhibition of nonsense-mediated mRNA decay (NMD) by a new chemical molecule reveals the dynamic of NMD factors in P-bodies. <i>Journal of Cell Biology</i> , 2007, 178, 1145-1160. | 5.2 | 147 |
| 32 | Assembly and trafficking of box C/D and H/ACA snoRNPs. <i>RNA Biology</i> , 2017, 14, 680-692. | 3.1 | 144 |
| 33 | CBC ¹ stimulates 3'-end maturation of multiple RNA families and favors cap-proximal processing. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1358-1366. | 8.2 | 143 |
| 34 | Can hammerhead ribozymes be efficient tools to inactivate gene function?. <i>Nucleic Acids Research</i> , 1994, 22, 293-300. | 14.5 | 141 |
| 35 | Exportin-5 Mediates Nuclear Export of Minihelix-containing RNAs. <i>Journal of Biological Chemistry</i> , 2003, 278, 5505-5508. | 3.4 | 139 |
| 36 | Retroviral Genomic RNAs Are Transported to the Plasma Membrane by Endosomal Vesicles. <i>Developmental Cell</i> , 2003, 5, 161-174. | 7.0 | 138 |

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|----|---|------|-----------|
| 37 | Human let-7 stem-loop precursors harbor features of RNase III cleavage products. <i>Nucleic Acids Research</i> , 2003, 31, 6593-6597. | 14.5 | 131 |
| 38 | Photoconversion of YFP into a CFP-like species during acceptor photobleaching FRET experiments. <i>Nature Methods</i> , 2005, 2, 801-801. | 19.0 | 108 |
| 39 | A Well-Connected and Conserved Nucleoplasmic Helicase Is Required for Production of Box C/D and H/ACA snoRNAs and Localization of snoRNP Proteins. <i>Molecular and Cellular Biology</i> , 2001, 21, 7731-7746. | 2.3 | 104 |
| 40 | Real-time imaging of cotranscriptional splicing reveals a kinetic model that reduces noise: implications for alternative splicing regulation. <i>Journal of Cell Biology</i> , 2011, 193, 819-829. | 5.2 | 104 |
| 41 | A Cajal body-specific pseudouridylation guide RNA is composed of two box H/ACA snoRNA-like domains. <i>Nucleic Acids Research</i> , 2002, 30, 4643-4649. | 14.5 | 102 |
| 42 | A highly sensitive method for mapping the 5' termini of mRNAs. <i>Nucleic Acids Research</i> , 1993, 21, 1683-1684. | 14.5 | 98 |
| 43 | Box C/D small nucleolar RNA trafficking involves small nucleolar RNP proteins, nucleolar factors and a novel nuclear domain. <i>EMBO Journal</i> , 2001, 20, 5480-5490. | 7.8 | 98 |
| 44 | Interaction between the small nuclear RNA cap hypermethylase and the spinal muscular atrophy protein, survival of motor neuron. <i>EMBO Reports</i> , 2003, 4, 616-622. | 4.5 | 96 |
| 45 | The Clathrin Adaptor Complex AP-1 Binds HIV-1 and MLV Gag and Facilitates Their Budding. <i>Molecular Biology of the Cell</i> , 2007, 18, 3193-3203. | 2.1 | 89 |
| 46 | A Dual Protein-mRNA Localization Screen Reveals Compartmentalized Translation and Widespread Co-translational RNA Targeting. <i>Developmental Cell</i> , 2020, 54, 773-791.e5. | 7.0 | 88 |
| 47 | Tsg101 and Alix Interact with Murine Leukemia Virus Gag and Cooperate with Nedd4 Ubiquitin Ligases during Budding. <i>Journal of Biological Chemistry</i> , 2005, 280, 27004-27012. | 3.4 | 86 |
| 48 | A Dynamic Scaffold of Pre-snoRNP Factors Facilitates Human Box C/D snoRNP Assembly. <i>Molecular and Cellular Biology</i> , 2007, 27, 6782-6793. | 2.3 | 83 |
| 49 | Long lasting control of viral rebound with a new drug ABX464 targeting Rev mediated viral RNA biogenesis. <i>Retrovirology</i> , 2015, 12, 30. | 2.0 | 78 |
| 50 | Mutually Exclusive CBC-Containing Complexes Contribute to RNA Fate. <i>Cell Reports</i> , 2017, 18, 2635-2650. | 6.4 | 73 |
| 51 | A Proteomic Screen for Nucleolar SUMO Targets Shows SUMOylation Modulates the Function of Nop5/Nop58. <i>Molecular Cell</i> , 2010, 39, 618-631. | 9.7 | 72 |
| 52 | The exon-junction-complex-component metastatic lymph node 51 functions in stress-granule assembly. <i>Journal of Cell Science</i> , 2007, 120, 2774-2784. | 2.0 | 69 |
| 53 | The PAQosome, an R2TP-Based Chaperone for Quaternary Structure Formation. <i>Trends in Biochemical Sciences</i> , 2018, 43, 4-9. | 7.5 | 67 |
| 54 | Assembly of the U5 snRNP component PRPF8 is controlled by the HSP90/R2TP chaperones. <i>Journal of Cell Biology</i> , 2017, 216, 1579-1596. | 5.2 | 65 |

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|----|--|------|-----------|
| 55 | A Novel Role for PA28 ^γ -Proteasome in Nuclear Speckle Organization and SR Protein Trafficking. <i>Molecular Biology of the Cell</i> , 2008, 19, 1706-1716. | 2.1 | 63 |
| 56 | Establishment of a Protein Frequency Library and Its Application in the Reliable Identification of Specific Protein Interaction Partners. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 861-879. | 3.8 | 63 |
| 57 | Depletion of SMN by RNA interference in HeLa cells induces defects in Cajal body formation. <i>Nucleic Acids Research</i> , 2006, 34, 2925-2932. | 14.5 | 59 |
| 58 | Splicing-independent recruitment of U1 snRNP to a transcription unit in living cells. <i>Journal of Cell Science</i> , 2010, 123, 2085-2093. | 2.0 | 59 |
| 59 | The RPAP3-Cterminal domain identifies R2TP-like quaternary chaperones. <i>Nature Communications</i> , 2018, 9, 2093. | 12.8 | 59 |
| 60 | Assembly of an Export-Competent mRNP Is Needed for Efficient Release of the 3' End Processing Complex after Polyadenylation. <i>Molecular and Cellular Biology</i> , 2009, 29, 5327-5338. | 2.3 | 58 |
| 61 | Endosomal Trafficking of HIV-1 Gag and Genomic RNAs Regulates Viral Egress. <i>Journal of Biological Chemistry</i> , 2009, 284, 19727-19743. | 3.4 | 57 |
| 62 | HSP90 and the R2TP co-chaperone complex: Building multi-protein machineries essential for cell growth and gene expression. <i>RNA Biology</i> , 2012, 9, 148-154. | 3.1 | 57 |
| 63 | Proteomic and 3D structure analyses highlight the C/D box snoRNP assembly mechanism and its control. <i>Journal of Cell Biology</i> , 2014, 207, 463-480. | 5.2 | 57 |
| 64 | Perispeckles are major assembly sites for the exon junction core complex. <i>Molecular Biology of the Cell</i> , 2012, 23, 1765-1782. | 2.1 | 56 |
| 65 | Meg3 Non-coding RNA Expression Controls Imprinting by Preventing Transcriptional Upregulation in cis. <i>Cell Reports</i> , 2018, 23, 337-348. | 6.4 | 54 |
| 66 | ARS2 is a general suppressor of pervasive transcription. <i>Nucleic Acids Research</i> , 2017, 45, 10229-10241. | 14.5 | 53 |
| 67 | Genome-wide identification of mRNAs associated with the protein SMN whose depletion decreases their axonal localization. <i>Rna</i> , 2013, 19, 1755-1766. | 3.5 | 52 |
| 68 | A choreography of centrosomal mRNAs reveals a conserved localization mechanism involving active polysome transport. <i>Nature Communications</i> , 2021, 12, 1352. | 12.8 | 52 |
| 69 | [33] Sensitive and high-resolution detection of RNA in situ. <i>Methods in Enzymology</i> , 2000, 318, 493-506. | 1.0 | 51 |
| 70 | NUFIP and the HSP90/R2TP chaperone bind the SMN complex and facilitate assembly of U4-specific proteins. <i>Nucleic Acids Research</i> , 2015, 43, 8973-8989. | 14.5 | 49 |
| 71 | A real-time view of the TAR:Tat:P-TEFb complex at HIV-1 transcription sites. <i>Retrovirology</i> , 2007, 4, 36. | 2.0 | 48 |
| 72 | RiboSys, a high-resolution, quantitative approach to measure the in vivo kinetics of pre-mRNA splicing and 3' end processing in <i>Saccharomyces cerevisiae</i> . <i>Rna</i> , 2010, 16, 2570-2580. | 3.5 | 48 |

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|----|---|------|-----------|
| 73 | A computational framework to study sub-cellular RNA localization. <i>Nature Communications</i> , 2018, 9, 4584. | 12.8 | 47 |
| 74 | Hypermethylated-capped selenoprotein mRNAs in mammals. <i>Nucleic Acids Research</i> , 2014, 42, 8663-8677. | 14.5 | 45 |
| 75 | FISH-quant v2: a scalable and modular tool for smFISH image analysis. <i>Rna</i> , 2022, 28, 786-795. | 3.5 | 45 |
| 76 | Drosophila Spag Is the Homolog of RNA Polymerase II-associated Protein 3 (RPAP3) and Recruits the Heat Shock Proteins 70 and 90 (Hsp70 and Hsp90) during the Assembly of Cellular Machineries. <i>Journal of Biological Chemistry</i> , 2014, 289, 6236-6247. | 3.4 | 41 |
| 77 | Characterization of a Short Isoform of Human Tgs1 Hypermethylase Associating with Small Nucleolar Ribonucleoprotein Core Proteins and Produced by Limited Proteolytic Processing. <i>Journal of Biological Chemistry</i> , 2008, 283, 2060-2069. | 3.4 | 39 |
| 78 | Quantitative imaging of transcription in living Drosophila embryos reveals the impact of core promoter motifs on promoter state dynamics. <i>Nature Communications</i> , 2021, 12, 4504. | 12.8 | 39 |
| 79 | Stochastic pausing at latent HIV-1 promoters generates transcriptional bursting. <i>Nature Communications</i> , 2021, 12, 4503. | 12.8 | 38 |
| 80 | In Vivo Footprinting of the Interaction of Proteins with DNA and RNA. <i>Methods</i> , 1997, 11, 151-163. | 3.8 | 36 |
| 81 | Terminal Minihelix, a Novel RNA Motif That Directs Polymerase III Transcripts to the Cell Cytoplasm. <i>Journal of Biological Chemistry</i> , 2001, 276, 25910-25918. | 3.4 | 36 |
| 82 | CRM1 controls the composition of nucleoplasmic pre-snoRNA complexes to licence them for nucleolar transport. <i>EMBO Journal</i> , 2011, 30, 2205-2218. | 7.8 | 36 |
| 83 | Deep Structural Analysis of RPAP3 and PIH1D1, Two Components of the HSP90 Co-chaperone R2TP Complex. <i>Structure</i> , 2018, 26, 1196-1209.e8. | 3.3 | 36 |
| 84 | Live-cell imaging reveals the spatiotemporal organization of endogenous RNA polymerase II phosphorylation at a single gene. <i>Nature Communications</i> , 2021, 12, 3158. | 12.8 | 36 |
| 85 | mRNA localization signals can enhance the intracellular effectiveness of hammerhead ribozymes. <i>Rna</i> , 1999, 5, 1200-1209. | 3.5 | 35 |
| 86 | Imaging HIV-1 RNA dimerization in cells by multicolor super-resolution and fluctuation microscopies. <i>Nucleic Acids Research</i> , 2016, 44, 7922-7934. | 14.5 | 35 |
| 87 | Live cell imaging reveals 3' UTR dependent mRNA sorting to synapses. <i>Nature Communications</i> , 2019, 10, 3178. | 12.8 | 35 |
| 88 | Exon junction complex dependent mRNA localization is linked to centrosome organization during ciliogenesis. <i>Nature Communications</i> , 2021, 12, 1351. | 12.8 | 35 |
| 89 | Characterization of the interaction between protein Snu13p/15.5K and the Rsa1p/NUFIP factor and demonstration of its functional importance for snoRNP assembly. <i>Nucleic Acids Research</i> , 2014, 42, 2015-2036. | 14.5 | 34 |
| 90 | Stable assembly of HIV-1 export complexes occurs cotranscriptionally. <i>Rna</i> , 2014, 20, 1-8. | 3.5 | 33 |

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|-----|---|------|-----------|
| 91 | Retroviral GAG proteins recruit AGO2 on viral RNAs without affecting RNA accumulation and translation. <i>Nucleic Acids Research</i> , 2012, 40, 775-786. | 14.5 | 32 |
| 92 | An active precursor in assembly of yeast nuclear ribonuclease P. <i>Rna</i> , 2002, 8, 1348-1360. | 3.5 | 30 |
| 93 | The exonuclease ISG20 mainly localizes in the nucleolus and the Cajal (Coiled) bodies and is associated with nuclear SMN protein-containing complexes. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 1320-1333. | 2.6 | 30 |
| 94 | Bsr, a Nuclear-retained RNA with Monoallelic Expression. <i>Molecular Biology of the Cell</i> , 2007, 18, 2817-2827. | 2.1 | 29 |
| 95 | The Packaging Signal of MLV is an Integrated Module that Mediates Intracellular Transport of Genomic RNAs. <i>Journal of Molecular Biology</i> , 2005, 354, 330-339. | 4.2 | 28 |
| 96 | Nuclear Retention Prevents Premature Cytoplasmic Appearance of mRNA. <i>Molecular Cell</i> , 2012, 48, 145-152. | 9.7 | 28 |
| 97 | Nuclear localization properties of a conserved protuberance in the Sm core complex. <i>Experimental Cell Research</i> , 2004, 299, 199-208. | 2.6 | 27 |
| 98 | Real-time imaging of the HIV-1 transcription cycle in single living cells. <i>Methods</i> , 2011, 53, 62-67. | 3.8 | 27 |
| 99 | Live single-cell transcriptional dynamics via RNA labelling during the phosphate response in plants. <i>Nature Plants</i> , 2021, 7, 1050-1064. | 9.3 | 27 |
| 100 | CRM1 plays a nuclear role in transporting snoRNPs to nucleoli in higher eukaryotes. <i>Nucleus</i> , 2012, 3, 132-137. | 2.2 | 25 |
| 101 | A cotranscriptional model for 3' end processing of the <i>Saccharomyces cerevisiae</i> pre-ribosomal RNA precursor. <i>Rna</i> , 2004, 10, 1572-1585. | 3.5 | 23 |
| 102 | The splicing factor SRSF3 is functionally connected to the nuclear RNA exosome for intronless mRNA decay. <i>Scientific Reports</i> , 2018, 8, 12901. | 3.3 | 23 |
| 103 | The kinesin KIF1C transports APC-dependent mRNAs to cell protrusions. <i>Rna</i> , 2021, 27, 1528-1544. | 3.5 | 23 |
| 104 | Mutations in a small region of the exportin Crm1p disrupt the daughter cell-specific nuclear localization of the transcription factor Ace2p in <i>Saccharomyces cerevisiae</i> . <i>Biology of the Cell</i> , 2008, 100, 343-354. | 2.0 | 22 |
| 105 | Intra-nuclear RNA trafficking: insights from live cell imaging. <i>Biochimie</i> , 2002, 84, 805-813. | 2.6 | 21 |
| 106 | New Generations of MS2 Variants and MCP Fusions to Detect Single mRNAs in Living Eukaryotic Cells. <i>Methods in Molecular Biology</i> , 2020, 2166, 121-144. | 0.9 | 21 |
| 107 | Monitoring Retroviral RNA Dimerization In Vivo via Hammerhead Ribozyme Cleavage. <i>Journal of Virology</i> , 1998, 72, 8349-8353. | 3.4 | 20 |
| 108 | Microprocessor dynamics and interactions at endogenous imprinted C19MC microRNA genes. <i>Journal of Cell Science</i> , 2012, 125, 2709-20. | 2.0 | 18 |

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|-----|---|------|-----------|
| 109 | MLN51 triggers P-body disassembly and formation of a new type of RNA granules. <i>Journal of Cell Science</i> , 2014, 127, 4692-701. | 2.0 | 18 |
| 110 | Imaging of Single mRNAs in the Cytoplasm of Living Cells. <i>Progress in Molecular and Subcellular Biology</i> , 2008, 35, 135-150. | 1.6 | 16 |
| 111 | The Role of Supercoiling in the Motor Activity of RNA Polymerases. <i>Methods in Molecular Biology</i> , 2018, 1805, 215-232. | 0.9 | 14 |
| 112 | RNA transport from transcription to localized translation: a single molecule perspective. <i>RNA Biology</i> , 2021, 18, 1-17. | 3.1 | 14 |
| 113 | Non-canonical argonaute loading of extracellular vesicle-derived exogenous single-stranded miRNA in recipient cells. <i>Journal of Cell Science</i> , 2021, 134, . | 2.0 | 14 |
| 114 | TSSC4 is a component of U5 snRNP that promotes tri-snRNP formation. <i>Nature Communications</i> , 2021, 12, 3646. | 12.8 | 14 |
| 115 | NOPCHAP1 is a PAQosome cofactor that helps loading NOP58 on RUVBL1/2 during box C/D snoRNP biogenesis. <i>Nucleic Acids Research</i> , 2021, 49, 1094-1113. | 14.5 | 14 |
| 116 | The in vivo dynamics of TCERG1, a factor that couples transcriptional elongation with splicing. <i>Rna</i> , 2016, 22, 571-582. | 3.5 | 13 |
| 117 | Assembly and Traffic of Small Nuclear RNPs. <i>Progress in Molecular and Subcellular Biology</i> , 2008, 35, 79-97. | 1.6 | 13 |
| 118 | SnoRNPs, ZNHIT proteins and the R2TP pathway. <i>Oncotarget</i> , 2015, 6, 41399-41400. | 1.8 | 13 |
| 119 | First Responders Shape a Prompt and Sharp NF- κ B-Mediated Transcriptional Response to TNF- α . <i>IScience</i> , 2020, 23, 101529. | 4.1 | 11 |
| 120 | Photobleaching of YFP does not produce a CFP-like species that affects FRET measurements. <i>Nature Methods</i> , 2006, 3, 492-493. | 19.0 | 9 |
| 121 | Detection of Ribozyme Cleavage Products Using Reverse Ligation-Mediated PCR (RL-PCR). , 1997, 74, 311-324. | | 7 |
| 122 | The HSP90/R2TP assembly chaperone promotes cell proliferation in the intestinal epithelium. <i>Nature Communications</i> , 2021, 12, 4810. | 12.8 | 7 |
| 123 | Designing and Testing of Ribozymes as Therapeutic Agents. <i>Methods</i> , 1993, 5, 19-27. | 3.8 | 4 |
| 124 | 3'-End Modification of the Adenoviral VA1 Gene Affects Its Expression in Human Cells: Consequences for the Design of Chimeric VA1 RNA Ribozymes. <i>Oligonucleotides</i> , 1998, 8, 379-390. | 4.3 | 4 |
| 125 | The interaction between RPAP3 and TRBP reveals a possible involvement of the HSP90/R2TP chaperone complex in the regulation of miRNA activity. <i>Nucleic Acids Research</i> , 2022, 50, 2172-2189. | 14.5 | 4 |
| 126 | A Deep Learning Approach To Identify mRNA Localization Patterns. , 2019, , . | | 3 |

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|-----|---|------|-----------|
| 127 | The box C/D snoRNP assembly factor Bcd1 interacts with the histone chaperone Rtt106 and controls its transcription dependent activity. <i>Nature Communications</i> , 2021, 12, 1859. | 12.8 | 3 |
| 128 | Processivity and Coupling in Messenger RNA Transcription. <i>PLoS ONE</i> , 2010, 5, e8845. | 2.5 | 3 |
| 129 | In Vivo Footprinting of the Interaction of Proteins with DNA and RNA. <i>Advances in Molecular and Cell Biology</i> , 1997, , 73-109. | 0.1 | 2 |
| 130 | DNA Damage Regulates Alternative Splicing through Inhibition of RNA Polymerase II Elongation. <i>Cell</i> , 2009, 139, 211. | 28.9 | 1 |
| 131 | A Localization Screen Reveals Translation Factories and Widespread Co-Translational Protein Targeting. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |
| 132 | The transcriptional cycle of HIV-1 in real-time and live cells. <i>Journal of Experimental Medicine</i> , 2007, 204, i25-i25. | 8.5 | 0 |
| 133 | GOLT1B Activation in Hepatitis C Virus-Infected Hepatocytes Links ER Trafficking and Viral Replication. <i>Pathogens</i> , 2022, 11, 46. | 2.8 | 0 |