# James L Manley

List of Publications by Year
in descending order



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|---|---|---|---|
| 264 papers | 32,960 citations | 2795 94 h-index | 4535 171 g-index |
| 271 all docs | 271 docs citations | 271 times ranked | 25748 citing authors |

| # | Article | IF | Citations |
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| 1 | DNA-dependent transcription of adenovirus genes in a soluble whole-cell extract.. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 3855-3859. | 3.3 | 1,329 |
| 2 | Mechanisms of alternative splicing regulation: insights from molecular and genomics approaches. Nature Reviews Molecular Cell Biology, 2009, 10, 741-754. | 16.1 | 1,037 |
| 3 | HnRNP proteins controlled by c-Myc deregulate pyruvate kinase mRNA splicing in cancer. Nature, 2010, 463, 364-368. | 13.7 | 962 |
| 4 | Alternative polyadenylation of mRNA precursors. Nature Reviews Molecular Cell Biology, 2017, 18, 18-30. | 16.1 | 848 |
| 5 | Structural basis for signal transduction by the Toll/interleukin-1 receptor domains. Nature, 2000, 408, 111-115. | 13.7 | 714 |
| 6 | Alternative pre-mRNA splicing regulation in cancer: pathways and programs unhinged. Genes and Development, 2010, 24, 2343-2364. | 2.7 | 697 |
| 7 | Inactivation of the SR Protein Splicing Factor ASF/SF2 Results in Genomic Instability. Cell, 2005, 122, 365-378. | 13.5 | 655 |
| 8 | Mechanisms and Consequences of Alternative Polyadenylation. Molecular Cell, 2011, 43, 853-866. | 4.5 | 626 |
| 9 | Proteinâ€"protein interactions and 5'-splice-site recognition in mammalian mRNA precursors. Nature, 1994, 368, 119-124. | 13.7 | 594 |
| 10 | The RNA polymerase II CTD coordinates transcription and RNA processing. Genes and Development, 2012, 26, 2119-2137. | 2.7 | 513 |
| 11 | Transcriptional repression of eukaryotic promoters. Cell, 1989, 59, 405-408. | 13.5 | 512 |
| 12 | A protein factor, ASF, controls cell-specific alternative splicing of SV40 early pre-mRNA in vitro. Cell, 1990, 62, 25-34. | 13.5 | 486 |
| 13 | A negative element in SMN2 exon 7 inhibits splicing in spinal muscular atrophy. Nature Genetics, 2003, 34, 460-463. | 9.4 | 483 |
| 14 | The graded distribution of the dorsal morphogen is initiated by selective nuclear transport in Drosophila. Cell, 1989, 59, 1165-1177. | 13.5 | 482 |
| 15 | Recognition of Trimethylated Histone H3 Lysine 4 Facilitates the Recruitment of Transcription Postinitiation Factors and Pre-mRNA Splicing. Molecular Cell, 2007, 28, 665-676. | 4.5 | 478 |
| 16 | Molecular Architecture of the Human Pre-mRNA 3â€² Processing Complex. Molecular Cell, 2009, 33, 365-376. | 4.5 | 475 |
| 17 | RNA polymerase II and the integration of nuclear events. Genes and Development, 2000, 14, 1415-1429. | 2.7 | 453 |
| 18 | Polyadenylation factor CPSF-73 is the pre-mRNA 3'-end-processing endonuclease. Nature, 2006, 444, 953-956. | 13.7 | 387 |

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| 19 | The Polyadenylation Factor CstF-64 Regulates Alternative Processing of IgM Heavy Chain Pre-mRNA during B Cell Differentiation. Cell, 1996, 87, 941-952. | 13.5 | 381 |
| 20 | Synergistic activation and repression of transcription by Drosophila homeobox proteins. Cell, 1989, 56, 573-583. | 13.5 | 369 |
| 21 | Primary structure of the human splicing factor asf reveals similarities with drosophila regulators. Cell, 1991, 66, 373-382. | 13.5 | 364 |
| 22 | R-loop-mediated genomic instability is caused by impairment of replication fork progression. Genes and Development, 2011, 25, 2041-2056. | 2.7 | 361 |
| 23 | RNA polymerase II is an essential mRNA polyadenylation factor. Nature, 1998, 395, 93-96. | 13.7 | 329 |
| 24 | ASF/SF2-Regulated CaMKIIÎ´ Alternative Splicing Temporally Reprograms Excitation-Contraction Coupling in Cardiac Muscle. Cell, 2005, 120, 59-72. | 13.5 | 315 |
| 25 | [35] In Vitro transcription: Whole-cell extract. Methods in Enzymology, 1983, 101, 568-582. | 0.4 | 309 |
| 26 | Alternative cleavage and polyadenylation: the long and short of it. Trends in Biochemical Sciences, 2013, 38, 312-320. | 3.7 | 297 |
| 27 | Symplekin and xGLD-2 Are Required for CPEB-Mediated Cytoplasmic Polyadenylation. Cell, 2004, 119, 641-651. | 13.5 | 295 |
| 28 | The ends of the affair: capping and polyadenylation. , 2000, 7, 838-842. | | 286 |
| 29 | Transcription termination by nuclear RNA polymerases. Genes and Development, 2009, 23, 1247-1269. | 2.7 | 280 |
| 30 | Transcription factor TFIID recruits factor CPSF for formation of 3â€² end of mRNA. Nature, 1997, 389, 399-402. | 13.7 | 274 |
| 31 | Misregulation of Pre-mRNA Alternative Splicing in Cancer. Cancer Discovery, 2013, 3, 1228-1237. | 7.7 | 265 |
| 32 | A rational nomenclature for serine/arginine-rich protein splicing factors (SR proteins): Table 1.. Genes and Development, 2010, 24, 1073-1074. | 2.7 | 262 |
| 33 | Cell signalling and the control of pre-mRNA splicing. Nature Reviews Molecular Cell Biology, 2004, 5, 727-738. | 16.1 | 257 |
| 34 | The TET Family of Proteins: Functions and Roles in Disease. Journal of Molecular Cell Biology, 2009, 1, 82-92. | 1.5 | 231 |
| 35 | The C9ORF72 GGGGCC expansion forms RNA G-quadruplex inclusions and sequesters hnRNP H to disrupt splicing in ALS brains. ELife, 2016, 5, . | 2.8 | 228 |
| 36 | Base substitution in an intervening sequence of a beta+-thalassemic human globin gene.. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 2455-2459. | 3.3 | 226 |

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| 37 | The end of the message: multiple proteinâ€“RNA interactions define the mRNA polyadenylation site. Genes and Development, 2015, 29, 889-897. | 2.7 | 226 |
| 38 | Phosphorylation of CPEB by Eg2 Mediates the Recruitment of CPSF into an Active Cytoplasmic Polyadenylation Complex. Molecular Cell, 2000, 6, 1253-1259. | 4.5 | 225 |
| 39 | Complex Protein Interactions within the Human Polyadenylation Machinery Identify a Novel Component. Molecular and Cellular Biology, 2000, 20, 1515-1525. | 1.1 | 220 |
| 40 | Systematic Profiling of Poly(A)+ Transcripts Modulated by Core 3â€™ End Processing and Splicing Factors Reveals Regulatory Rules of Alternative Cleavage and Polyadenylation. PLoS Genetics, 2015, 11, e1005166. | 1.5 | 217 |
| 41 | Why Is p53 Acetylated?. Cell, 2001, 107, 815-818. | 13.5 | 215 |
| 42 | Separation and characterization of a poly(A) polymerase and a cleavage/specificity factor required for pre-mRNA polyadenylation. Cell, 1988, 52, 731-742. | 13.5 | 204 |
| 43 | Dephosphorylated SRp38 acts as a splicing repressor in response to heat shock. Nature, 2004, 427, 553-558. | 13.7 | 202 |
| 44 | Levels of Polyadenylation Factor CstF-64 Control IgM Heavy Chain mRNA Accumulation and Other Events Associated with B Cell Differentiation. Molecular Cell, 1998, 2, 761-771. | 4.5 | 201 |
| 45 | Sequence specificity of the human mRNA N6-adenosine methylasein vitro. Nucleic Acids Research, 1990, 18, 5735-5741. | 6.5 | 200 |
| 46 | Determinants of SR protein specificity. Current Opinion in Cell Biology, 1999, 11, 358-362. | 2.6 | 199 |
| 47 | Polyadenylation of mRNA precursors. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1988, 950, 1-12. | 2.4 | 198 |
| 48 | Splicing-related catalysis by protein-free snRNAs. Nature, 2001, 413, 701-707. | 13.7 | 197 |
| 49 | The BARD1-CstF-50 Interaction Links mRNA 3â€² End Formation to DNA Damage and Tumor Suppression. Cell, 2001, 104, 743-753. | 13.5 | 196 |
| 50 | The Protein Kinase Clk/Sty Directly Modulates SR Protein Activity: Both Hyper- and Hypophosphorylation Inhibit Splicing. Molecular and Cellular Biology, 1999, 19, 6991-7000. | 1.1 | 194 |
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| 52 | Autoubiquitination of the BRCA1Â·BARD1 RING Ubiquitin Ligase. Journal of Biological Chemistry, 2002, 277, 22085-22092. | 1.6 | 189 |
| 53 | Turning on a Fuel Switch of Cancer: hnRNP Proteins Regulate Alternative Splicing of Pyruvate Kinase mRNA. Cancer Research, 2010, 70, 8977-8980. | 0.4 | 189 |
| 54 | Human Tra2 Proteins Are Sequence-Specific Activators of Pre-mRNA Splicing. Cell, 1998, 93, 139-148. | 13.5 | 186 |

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| 55 | The SR Protein SRp38 Represses Splicing in M Phase Cells. Cell, 2002, 111, 407-417. | 13.5 | 179 |
| 56 | Sequence-specific RNA binding by an SR protein requires RS domain phosphorylation: Creation of an SRp40-specific splicing enhancer. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 1148-1153. | 3.3 | 177 |
| 57 | Structure and function of the 5â€²â†'3â€² exoribonuclease Rat1 and its activating partner Rai1. Nature, 2009, 458, 784-788. | 13.7 | 177 |
| 58 | RNA-binding proteins in neurodegeneration: mechanisms in aggregate. Genes and Development, 2017, 31, 1509-1528. | 2.7 | 177 |
| 59 | Base pairing between U2 and U6 snRNAs is necessary for splicing of a mammalian pre-mRNA. Nature, 1991, 352, 818-821. | 13.7 | 176 |
| 60 | Disease-associated mutation in <i>SRSF2</i> misregulates splicing by altering RNA-binding affinities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4726-34. | 3.3 | 175 |
| 61 | Phosphorylation-dephosphorylation differentially affects activities of splicing factor ASF/SF2. EMBO Journal, 1998, 17, 6359-6367. | 3.5 | 169 |
| 62 | hnRNP A1 functions with specificity in repression of SMN2 exon 7 splicing. Human Molecular Genetics, 2007, 16, 3149-3159. | 1.4 | 164 |
| 63 | Primary structure and expression of bovine poly(A) polymerase. Nature, 1991, 353, 229-234. | 13.7 | 160 |
| 64 | The RNA polymerase II C-terminal domain promotes splicing activation through recruitment of a U2AF65â€"Prp19 complex. Genes and Development, 2011, 25, 972-983. | 2.7 | 159 |
| 65 | Evidence that polyadenylation factor CPSF-73 is the mRNA 3' processing endonuclease. Rna, 2004, 10, 565-573. | 1.6 | 154 |
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| 67 | Functional Interaction of BRCA1-Associated BARD1 with Polyadenylation Factor CstF-50. Science, 1999, 285, 1576-1579. | 6.0 | 152 |
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| 70 | R Loops and Links to Human Disease. Journal of Molecular Biology, 2017, 429, 3168-3180. | 2.0 | 147 |
| 71 | Chromatin Binding of SRp20 and ASF/SF2 and Dissociation from Mitotic Chromosomes Is Modulated by Histone H3 Serine 10 Phosphorylation. Molecular Cell, 2009, 33, 450-461. | 4.5 | 145 |
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| 74 | RNAP II CTD Phosphorylated on Threonine-4 Is Required for Histone mRNA 3â€² End Processing. Science, 2011, 334, 683-686. | 6.0 | 136 |
| 75 | Cotranscriptional processes and their influence on genome stability. Genes and Development, 2006, 20, 1838-1847. | 2.7 | 132 |
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| 77 | Regulation of Plant Developmental Processes by a Novel Splicing Factor. PLoS ONE, 2007, 2, e471. | 1.1 | 131 |
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| 79 | Strange bedfellows: polyadenylation factors at the promoter. Genes and Development, 2003, 17, 1321-1327. | 2.7 | 127 |
| 80 | BRCA1/BARD1 inhibition of mRNA 3' processing involves targeted degradation of RNA polymerase II. Genes and Development, 2005, 19, 1227-1237. | 2.7 | 126 |
| 81 | Evolutionarily Conserved Interaction between CstF-64 and PC4 Links Transcription, Polyadenylation, and Termination. Molecular Cell, 2001, 7, 1013-1023. | 4.5 | 125 |
| 82 | An intronic element contributes to splicing repression in spinal muscular atrophy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3426-3431. | 3.3 | 123 |
| 83 | Molecular basis for the recognition of the human AAUAAA polyadenylation signal. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1419-E1428. | 3.3 | 121 |
| 84 | Identification and Functional Characterization of Neo-Poly(A) Polymerase, an RNA Processing Enzyme Overexpressed in Human Tumors. Molecular and Cellular Biology, 2001, 21, 5614-5623. | 1.1 | 120 |
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| 86 | The splicing regulator Sam68 binds to a novel exonic splicing silencer and functions in SMN2 alternative splicing in spinal muscular atrophy. EMBO Journal, 2010, 29, 1235-1247. | 3.5 | 117 |
| 87 | The tumor suppressor Cdc73 functionally associates with CPSF and CstF 3â€² mRNA processing factors. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 755-760. | 3.3 | 116 |
| 88 | SUMOylation Is an Inhibitory Constraint that Regulates the Prion-like Aggregation and Activity of CPEB3. Cell Reports, 2015, 11, 1694-1702. | 2.9 | 116 |
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| 90 | Regulation of pre-mRNA splicing in metazoa. Current Opinion in Genetics and Development, 1997, 7, 205-211. | 1.5 | 109 |

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| 92 | Splicing pathways of SV40 mRNAs in X. laevis oocytes differ in their requirements for snRNPs. Cell, 1984, 37, 927-936. | 13.5 | 107 |
| 93 | TLS/FUS (translocated in liposarcoma/fused in sarcoma) regulates target gene transcription via single-stranded DNA response elements. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6030-6035. | 3.3 | 104 |
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| 96 | Transcriptional Activators Enhance Polyadenylation of mRNA Precursors. Molecular Cell, 2011, 41, 409-418. | 4.5 | 98 |
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| 105 | Concentration-dependent control of pyruvate kinase M mutually exclusive splicing by hnRNP proteins. Nature Structural and Molecular Biology, 2012, 19, 346-354. | 3.6 | 93 |
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| 109 | XRN2 Links Transcription Termination to DNA Damage and Replication Stress. PLoS Genetics, 2016, 12, e1006107. | 1.5 | 88 |
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| 111 | A SUMO-dependent interaction between Senataxin and the exosome, disrupted in the neurodegenerative disease AOA2, targets the exosome to sites of transcription-induced DNA damage. Genes and Development, 2013, 27, 2227-2232. | 2.7 | 86 |
| 112 | Phosphorylation switches the general splicing repressor SRp38 to a sequence-specific activator. Nature Structural and Molecular Biology, 2008, 15, 1040-1048. | 3.6 | 85 |
| 113 | Transcriptome analysis of alternative splicing events regulated by SRSF10 reveals position-dependent splicing modulation. Nucleic Acids Research, 2014, 42, 4019-4030. | 6.5 | 84 |
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| 120 | Generation and functional analyses for base-substitution mutants of the adenovirus 2 major late promoter. Nucleic Acids Research, 1984, 12, 9309-9321. | 6.5 | 75 |
| 121 | Delineating the Structural Blueprint of the Pre-mRNA 3â€²-End Processing Machinery. Molecular and Cellular Biology, 2014, 34, 1894-1910. | 1.1 | 75 |
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| 123 | TLS Inhibits RNA Polymerase III Transcription. Molecular and Cellular Biology, 2010, 30, 186-196. | 1.1 | 74 |
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| 131 | Characterization of the catalytic activity of U2 and U6 snRNAs. Rna, 2003, 9, 892-904. | 1.6 | 65 |
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| 136 | Nucleotide Binding by the MDM2 RING Domain Facilitates Arf-Independent MDM2 Nucleolar Localization. Molecular Cell, 2003, 12, 875-887. | 4.5 | 60 |
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