Robert H Singer

List of Publications by Year
in descending order

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258 papers	32,451 citations	3874 91 h-index	5622 168 g-index
287 all docs	287 docs citations	287 times ranked	26484 citing authors

#	Article	IF	Citations
1	Targeted RNA editing: novel tools to study post-transcriptional regulation. Molecular Cell, 2022, 82, 389-403.	4.5	18
2	Detecting the Non-conventional mRNA Splicing and Translational Activation of HAC1 in Budding Yeast. Methods in Molecular Biology, 2022, 2378, 113-120.	0.4	2
3	Single-molecule imaging of microRNA-mediated gene silencing in cells. Nature Communications, 2022, 13, 1435.	5.8	24
4	Bromodomains regulate dynamic targeting of the PBAF chromatin-remodeling complex to chromatin hubs. Biophysical Journal, 2022, 121, 1738-1752.	0.2	4
5	Imaging mRNAs with corrected RNA stability. FASEB Journal, 2022, 36, .	0.2	1
6	Presynaptic FMRP and local protein synthesis support structural and functional plasticity of glutamatergic axon terminals. Neuron, 2022, 110, 2588-2606.e6.	3.8	29
7	CPEB3-dependent increase in GluA2 subunits impairs excitatory transmission onto inhibitory interneurons in a mouse model of fragile X. Cell Reports, 2022, 39, 110853.	2.9	5
8	Structure of the p53/RNA polymerase II assembly. Communications Biology, 2021, 4, 397.	2.0	6
9	Intracellular mRNA transport and localized translation. Nature Reviews Molecular Cell Biology, 2021, 22, 483-504.	16.1	169
10	Imaging Organization of RNA Processing within the Nucleus. Cold Spring Harbor Perspectives in Biology, 2021, 13, a039453.	2.3	10
11	A DNA repair pathway can regulate transcriptional noise to promote cell fate transitions. Science, 2021, 373, .	6.0	58
12	Protocol for using TRIBE to study RNA-protein interactions and nuclear organization in mammalian cells. STAR Protocols, 2021, 2, 100634.	0.5	1
13	Cellular variability of nonsense-mediated mRNA decay. Nature Communications, 2021, 12, 7203.	5.8	33
14	MS2-TRIBE Evaluates Both Protein-RNA Interactions and Nuclear Organization of Transcription by RNA Editing. IScience, 2020, 23, 101318.	1.9	18
15	2020 Distance Meeting: Farewell to Professor David Yaffe - A pillar of the Myogenesis Field. European Journal of Translational Myology, 2020, 30, 9327.	0.8	3
16	Single molecule mRNA fluorescent in situ hybridization combined with immunofluorescence in S. cerevisiae: Dataset and quantification. Data in Brief, 2020, 30, 105511.	0.5	15
17	Single-molecule imaging of transcription dynamics in somatic stem cells. Nature, 2020, 583, 431-436.	13.7	61
18	Imaging of DNA and RNA in Living Eukaryotic Cells to Reveal Spatiotemporal Dynamics of Gene Expression. Annual Review of Biochemistry, 2020, 89, 159-187.	5.0	43

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19	Simultaneous Detection of mRNA and Protein in S. cerevisiae by Single-Molecule FISH and Immunofluorescence. Methods in Molecular Biology, 2020, 2166, 51-69.	0.4	5
20	New Generations of MS2 Variants and MCP Fusions to Detect Single mRNAs in Living Eukaryotic Cells. Methods in Molecular Biology, 2020, 2166, 121-144.	0.4	21
21	Mitochondrial volume fraction and translation duration impact mitochondrial mRNA localization and protein synthesis. ELife, 2020, 9, .	2.8	36
22	Quantitative Kinetic Analyses of Histone Turnover Using Imaging and Flow Cytometry. Bio-protocol, 2020, 10, .	0.2	0
23	Imaging cell-type-specific dynamics of mRNAs in living mouse brain. Methods, 2019, 157, 100-105.	1.9	3
24	Fluorescence Imaging Methods to Investigate Translation in Single Cells. Cold Spring Harbor Perspectives in Biology, 2019, 11, a032722.	2.3	32
25	Imaging Single mRNA Molecules in Mammalian Cells Using an Optimized MS2-MCP System. Methods in Molecular Biology, 2019, 2038, 3-20.	0.4	19
26	Sam68 Enables Metabotropic Glutamate Receptor-Dependent LTD in Distal Dendritic Regions of CA1 Hippocampal Neurons. Cell Reports, 2019, 29, 1789-1799.e6.	2.9	9
27	Rational Design of Fluorogenic and Spontaneously Blinking Labels for Super-Resolution Imaging. ACS Central Science, 2019, 5, 1602-1613.	5.3	159
28	The structural basis for RNA selectivity by the IMP family of RNA-binding proteins. Nature Communications, 2019, 10, 4440.	5.8	36
29	Retargeting of macroH2A following mitosis to cytogenetic-scale heterochromatic domains. Journal of Cell Biology, 2019, 218, 1810-1823.	2.3	5
30	The travels of mRNAs in neurons: do they know where they are going?. Current Opinion in Neurobiology, 2019, 57, 110-116.	2.0	64
31	Zipcode Binding Protein 1 (ZBP1; IGF2BP1): A Model for Sequence-Specific RNA Regulation. Cold Spring Harbor Symposia on Quantitative Biology, 2019, 84, 1-10.	2.0	13
32	Mapping Neurotransmitter Identity in the Whole-Mount Drosophila Brain Using Multiplex High-Throughput Fluorescence in Situ Hybridization. Genetics, 2019, 211, 473-482.	1.2	33
33	Bidirectional Analysis of Cryba4-Crybb1 Nascent Transcription and Nuclear Accumulation of Crybb3 mRNAs in Lens Fibers. , 2019, 60, 234.		11
34	Neurotransmitter identity is acquired in a lineage-restricted manner in the Drosophila CNS. ELife, 2019, 8, .	2.8	78
35	Mamo decodes hierarchical temporal gradients into terminal neuronal fate. ELife, 2019, 8, .	2.8	23
36	Transvection Goes Liveâ€"Visualizing Enhancer-Promoter Communication between Chromosomes. Molecular Cell, 2018, 70, 195-196.	4.5	1

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37	Dual inhibition of MDMX and MDM2 as a therapeutic strategy in leukemia. Science Translational Medicine, 2018, 10, .	5.8	187
38	Imaging mRNA In Vivo, from Birth to Death. Annual Review of Biophysics, 2018, 47, 85-106.	4.5	106
39	An improved MS2 system for accurate reporting of the mRNA life cycle. Nature Methods, 2018, 15, 81-89.	9.0	252
40	Single-mRNA detection in living S. cerevisiae using a re-engineered MS2 system. Nature Protocols, 2018, 13, 2268-2296.	5.5	23
41	Transcriptional burst fraction and size dynamics during lens fiber cell differentiation and detailed insights into the denucleation process. Journal of Biological Chemistry, 2018, 293, 13176-13190.	1.6	18
42	A transgenic mouse for imaging activity-dependent dynamics of endogenous Arc mRNA in live neurons. Science Advances, 2018, 4, eaar3448.	4.7	63
43	IMP1 regulates UCA1-mediated cell invasion through facilitating UCA1 decay and decreasing the sponge effect of UCA1 for miR-122-5p. Breast Cancer Research, 2018, 20, 32.	2.2	49
44	Imaging mRNA and protein interactions within neurons. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1875-E1884.	3.3	90
45	RNP transport in cell biology: the long and winding road. Current Opinion in Cell Biology, 2017, 45, 38-46.	2.6	66
46	Binding of DEAD-box helicase Dhh1 to the 5â€²-untranslated region of ASH1 mRNA represses localized translation of ASH1 in yeast cells. Journal of Biological Chemistry, 2017, 292, 9787-9800.	1.6	8
47	Intercellular mRNA trafficking via membrane nanotube-like extensions in mammalian cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9873-E9882.	3.3	75
48	Localization of TFPI-2 in the nucleus modulates MMP-2 gene expression in breast cancer cells. Scientific Reports, 2017, 7, 13575.	1.6	18
49	Quantitative mRNA imaging throughout the entire Drosophila brain. Nature Methods, 2017, 14, 703-706.	9.0	89
50	Nuclear microenvironments modulate transcription from low-affinity enhancers. ELife, 2017, 6, .	2.8	108
51	Dual Inhibition of Mdmx and Mdm2 Using an Alpha-Helical P53 Stapled Peptide (ALRN-6924) As a Novel Therapeutic Strategy in Acute Myeloid Leukemia. Blood, 2017, 130, 795-795.	0.6	4
52	Translation dynamics of single mRNAs in live cells and neurons. Science, 2016, 352, 1430-1435.	6.0	412
53	Single-Cell and Single-Molecule Analysis of Gene Expression Regulation. Annual Review of Genetics, 2016, 50, 267-291.	3.2	102
54	Subnuclear positioning and interchromosomal clustering of theGAL1-10locus are controlled by separable, interdependent mechanisms. Molecular Biology of the Cell, 2016, 27, 2980-2993.	0.9	42

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55	Glutamate-induced RNA localization and translation in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6877-E6886.	3.3	159
56	IMP1, an mRNA binding protein that reduces the metastatic potential of breast cancer in a mouse model. Oncotarget, 2016, 7, 72662-72671.	0.8	14
57	IMP1 suppresses breast tumor growth and metastasis through the regulation of its target mRNAs. Oncotarget, 2016, 7, 15690-15702.	0.8	30
58	Mapping translation 'hot-spots' in live cells by tracking single molecules of mRNA and ribosomes. ELife, 2016, 5, .	2.8	110
59	Bayesian Classification of Mrna and Kinetochore Transport Dynamics. Biophysical Journal, 2015, 108, 164a-165a.	0.2	0
60	Promoter-Autonomous Functioning in a Controlled Environment using Single Molecule FISH. Scientific Reports, 2015, 5, 9934.	1.6	17
61	Nuclear accessibility of Î²-actin mRNA is measured by 3D single-molecule real-time tracking. Journal of Cell Biology, 2015, 209, 609-619.	2.3	48
62	Assembly and Molecular Architecture of the Phosphoinositide 3-Kinase p85Î± Homodimer. Journal of Biological Chemistry, 2015, 290, 30390-30405.	1.6	25
63	Reminiscences on my life with RNA: a self-indulgent perspective. Rna, 2015, 21, 508-509.	1.6	1
64	Cellular Levels of Signaling Factors Are Sensed by Î²-actin Alleles to Modulate Transcriptional Pulse Intensity. Cell Reports, 2015, 11, 419-432.	2.9	41
65	Imaging Transcription: Past, Present, and Future. Cold Spring Harbor Symposia on Quantitative Biology, 2015, 80, 1-8.	2.0	41
66	In the right place at the right time: visualizing and understanding mRNA localization. Nature Reviews Molecular Cell Biology, 2015, 16, 95-109.	16.1	486
67	A general method to improve fluorophores for live-cell and single-molecule microscopy. Nature Methods, 2015, 12, 244-250.	9.0	1,236
68	Inferring transient particle transport dynamics in live cells. Nature Methods, 2015, 12, 838-840.	9.0	143
69	Single-molecule insights into mRNA dynamics in neurons. Trends in Cell Biology, 2015, 25, 468-475.	3.6	70
70	Quantifying Protein-mRNA Interactions in Single Live Cells. Cell, 2015, 162, 211-220.	13.5	84
71	Synonymous modification results in high-fidelity gene expression of repetitive protein and nucleotide sequences. Genes and Development, 2015, 29, 876-886.	2.7	87
72	An RNA biosensor for imaging the first round of translation from single cells to living animals. Science, 2015, 347, 1367-1671.	6.0	238

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73	Dynamic visualization of transcription and RNA subcellular localization in zebrafish. Development (Cambridge), 2015, 142, 1368-74.	1.2	53
74	Specific interaction of KIF11 with ZBP1 regulates the transport of Î²-actin mRNA and cell motility. Journal of Cell Science, 2015, 128, 1001-10.	1.2	59
75	A three-camera imaging microscope for high-speed single-molecule tracking and super-resolution imaging in living cells. Proceedings of SPIE, 2015, 9550, 955008.	0.8	14
76	CASFISH: CRISPR/Cas9-mediated in situ labeling of genomic loci in fixed cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11870-11875.	3.3	243
77	Dynamics of survival of motor neuron (SMN) protein interaction with the mRNAâ€binding protein IMP1 facilitates its trafficking into motor neuron axons. Developmental Neurobiology, 2014, 74, 319-332.	1.5	89
78	Visualization of Dynamics of Single Endogenous mRNA Labeled in Live Mouse. Science, 2014, 343, 422-424.	6.0	283
79	Single Î²-Actin mRNA Detection in Neurons Reveals a Mechanism for Regulating Its Translatability. Science, 2014, 343, 419-422.	6.0	276
80	Photoswitchable Red Fluorescent Protein with a Large Stokes Shift. Chemistry and Biology, 2014, 21, 1402-1414.	6.2	18
81	Efficient Bayesian-based multiview deconvolution. Nature Methods, 2014, 11, 645-648.	9.0	232
82	Gene Regulation: The HSP70 Gene Jumps When Shocked. Current Biology, 2014, 24, R396-R398.	1.8	6
83	The translation elongation factor eEF1A1 couples transcription to translation during heat shock response. ELife, 2014, 3, e03164.	2.8	140
84	Eukaryotic transcriptional dynamics: from single molecules to cell populations. Nature Reviews Genetics, 2013, 14, 572-584.	7.7	267
85	Single-molecule analysis of gene expression using two-color RNA labeling in live yeast. Nature Methods, 2013, 10, 119-121.	9.0	267
86	mRNA on the Move: The Road to Its Biological Destiny. Journal of Biological Chemistry, 2013, 288, 20361-20368.	1.6	62
87	Temporal and spatial characterization of nonsense-mediated mRNA decay. Genes and Development, 2013, 27, 541-551.	2.7	116
88	Time-Integrated Fluorescence Cumulant Analysis and Its Application in Living Cells. Methods in Enzymology, 2013, 518, 99-119.	0.4	7
89	The fate of the messenger is pre-determined: A new model for regulation of gene expression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 643-653.	0.9	91
90	Colocalization of Different Influenza Viral RNA Segments in the Cytoplasm before Viral Budding as Shown by Single-molecule Sensitivity FISH Analysis. PLoS Pathogens, 2013, 9, e1003358.	2.1	142

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91	Single Cell Analysis of RNA-mediated Histone H3.3 Recruitment to a Cytomegalovirus Promoter-regulated Transcription Site. Journal of Biological Chemistry, 2013, 288, 19882-19899.	1.6	15
92	Direct observation of frequency modulated transcription in single cells using light activation. ELife, 2013, 2, e00750.	2.8	131
93	Transgenic expression of ZBP1 in neurons suppresses cocaine-associated conditioning. Learning and Memory, 2012, 19, 35-42.	0.5	4
94	Regulation of local expression of cell adhesion and motility-related mRNAs in breast cancer cells by IMP1/ZBP1. Journal of Cell Science, 2012, 125, 81-91.	1.2	77
95	Î²-Actin mRNA compartmentalization enhances focal adhesion stability and directs cell migration. Genes and Development, 2012, 26, 1885-1890.	2.7	131
96	IGF2BP1 promotes cell migration by regulating MK5 and PTEN signaling. Genes and Development, 2012, 26, 176-189.	2.7	122
97	Transcription goes digital. EMBO Reports, 2012, 13, 313-321.	2.0	75
98	Single-mRNA counting using fluorescent in situ hybridization in budding yeast. Nature Protocols, 2012, 7, 408-419.	5.5	105
99	Fluorescence Fluctuation Spectroscopy Enables Quantitative Imaging of Single mRNAs in Living Cells. Biophysical Journal, 2012, 102, 2936-2944.	0.2	174
100	Nuclear Pore Component Nup98 Is a Potential Tumor Suppressor and Regulates Posttranscriptional Expression of Select p53 Target Genes. Molecular Cell, 2012, 48, 799-810.	4.5	57
101	Imaging Translation in Single Cells Using Fluorescent Microscopy. Cold Spring Harbor Perspectives in Biology, 2012, 4, a012310-a012310.	2.3	33
102	An Unbiased Analysis Method to Quantify mRNA Localization Reveals Its Correlation with Cell Motility. Cell Reports, 2012, 1, 179-184.	2.9	69
103	Spatial arrangement of an RNA zipcode identifies mRNAs under post-transcriptional control. Genes and Development, 2012, 26, 43-53.	2.7	127
104	Multiscale dynamics in nucleocytoplasmic transport. Current Opinion in Cell Biology, 2012, 24, 100-106.	2.6	25
105	ZBP1 KH34 consensus RNAâ€binding site identifies posttranscriptional regulatory networks. FASEB Journal, 2012, 26, 949.1.	0.2	0
106	Real-Time Observation of Transcription Initiation and Elongation on an Endogenous Yeast Gene. Science, 2011, 332, 475-478.	6.0	566
107	Single-Molecule mRNA Decay Measurements Reveal Promoter- Regulated mRNA Stability in Yeast. Cell, 2011, 147, 1484-1497.	13.5	238
108	Nuclear export dynamics of RNAâ€“protein complexes. Nature, 2011, 475, 333-341.	13.7	162

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109	A transgenic mouse for in vivo detection of endogenous labeled mRNA. Nature Methods, 2011, 8, 165-170.	9.0	340
110	Transcription of functionally related constitutive genes is not coordinated. Nature Structural and Molecular Biology, 2011, 18, 27-34.	3.6	102
111	Modern fluorescent proteins and imaging technologies to study gene expression, nuclear localization, and dynamics. Current Opinion in Cell Biology, 2011, 23, 310-317.	2.6	124
112	Variegated gene expression caused by cell-specific long-range DNA interactions. Nature Cell Biology, 2011, 13, 944-951.	4.6	133
113	A nucleoporin, Nup60p, affects the nuclear and cytoplasmic localization of ASH1 mRNA in S. cerevisiae. Rna, 2011, 17, 134-144.	1.6	25
114	The Survival of Motor Neuron (SMN) Protein Interacts with the mRNA-Binding Protein HuD and Regulates Localization of Poly(A) mRNA in Primary Motor Neuron Axons. Journal of Neuroscience, 2011, 31, 3914-3925.	1.7	197
115	Cotranscriptional effect of a premature termination codon revealed by live-cell imaging. Rna, 2011, 17, 2094-2107.	1.6	44
116	In vivo imaging of labelled endogenous Î²-actin mRNA during nucleocytoplasmic transport. Nature, 2010, 467, 604-607.	13.7	266
117	Stable Morphology, but Dynamic Internal Reorganisation, of Interphase Human Chromosomes in Living Cells. PLoS ONE, 2010, 5, e11560.	1.1	54
118	The cytoplasmic fate of an mRNP is determined cotranscriptionally: exception or rule?: Figure 1.. Genes and Development, 2010, 24, 1827-1831.	2.7	23
119	ZBP1 recognition of Î²-actin zipcode induces RNA looping. Genes and Development, 2010, 24, 148-158.	2.7	161
120	The life of an mRNA in space and time. Journal of Cell Science, 2010, 123, 1761-1774.	1.2	112
121	Altered Dynamics of Intestinal Cell Maturation in Apc1638N/+ Mice. Cancer Research, 2010, 70, 5348-5357.	0.4	11
122	Analyzing mRNA Expression Using Single mRNA Resolution Fluorescent In Situ Hybridization. Methods in Enzymology, 2010, 470, 641-659.	0.4	45
123	Metabolic cycling in single yeast cells from unsynchronized steady-state populations limited on glucose or phosphate. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6946-6951.	3.3	89
124	Single mRNA Tracking in Live Cells. Methods in Enzymology, 2010, 472, 387-406.	0.4	65
125	RNA Processing and Export. Cold Spring Harbor Perspectives in Biology, 2010, 2, a000752-a000752.	2.3	142
126	Blocking Î²-catenin binding to the ZBP1 promoter represses ZBP1 expression, leading to increased proliferation and migration of metastatic breast-cancer cells. Journal of Cell Science, 2009, 122, 1895-1905.	1.2	60

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127	A single molecule view of gene expression. Trends in Cell Biology, 2009, 19, 630-637.	3.6	182
128	A der(8)t(8;11) chromosome in the Karpas-620 myeloma cell line expresses only Cyclin D1: Yet both Cyclin D1 and MYC are repositioned in close proximity to the 3â€² IGH enhancer. DNA Repair, 2009, 8, 330-335.	1.3	2
129	Butyrate and vitamin D₃ induce transcriptional attenuation at the cyclin D1 locus in colonic carcinoma cells. Journal of Cellular Physiology, 2009, 218, 638-642.	2.0	21
130	Rrp17p Is a Eukaryotic Exonuclease Required for 5â€² End Processing of Pre-60S Ribosomal RNA. Molecular Cell, 2009, 36, 768-781.	4.5	83
131	Imaging Transcription in Living Cells. Annual Review of Biophysics, 2009, 38, 173-196.	4.5	112
132	Imaging Realâ€Time Gene Expression in Living Cells. FASEB Journal, 2009, 23, 316.3.	0.2	0
133	Characterization of ZBP1â€Î²actin mRNA complex. FASEB Journal, 2009, 23, 661.1.	0.2	0
134	Nuclear microenvironment in cancer diagnosis and treatment. Journal of Cellular Biochemistry, 2008, 104, 1953-1963.	1.2	7
135	Single-RNA counting reveals alternative modes of gene expression in yeast. Nature Structural and Molecular Biology, 2008, 15, 1263-1271.	3.6	642
136	Structural basis for the coevolution of a viral RNAâ€“protein complex. Nature Structural and Molecular Biology, 2008, 15, 103-105.	3.6	211
137	Calibrating excitation light fluxes for quantitative light microscopy in cell biology. Nature Protocols, 2008, 3, 1809-1814.	5.5	24
138	Mechanisms and cellular roles of local protein synthesis in mammalian cells. Current Opinion in Cell Biology, 2008, 20, 144-149.	2.6	64
139	The Dynamic Range of Transcription. Molecular Cell, 2008, 30, 545-546.	4.5	12
140	Highways for mRNA Transport. Cell, 2008, 134, 722-723.	13.5	12
141	A Direct Role for FMRP in Activity-Dependent Dendritic mRNA Transport Links Filopodial-Spine Morphogenesis to Fragile X Syndrome. Developmental Cell, 2008, 14, 926-939.	3.1	445
142	Chapter 27 Cell Biology of mRNA Decay. Methods in Enzymology, 2008, 448, 553-577.	0.4	22
143	Feedback Regulation between Zipcode Binding Protein 1 and Î²-Catenin mRNAs in Breast Cancer Cells. Molecular and Cellular Biology, 2008, 28, 4963-4974.	1.1	53
144	Translation of ASH1 mRNA is repressed by Puf6pâ€“Fun12p/eIF5B interaction and released by CK2 phosphorylation. Genes and Development, 2008, 22, 1037-1050.	2.7	92

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145	Myo2p, a class V myosin in budding yeast, associates with a large ribonucleic acidâ€“protein complex that contains mRNAs and subunits of the RNA-processing body. Rna, 2008, 14, 491-502.	1.6	29
146	Single-Cell Transcription Site Activation Predicts Chemotherapy Response in Human Colorectal Tumors. Cancer Research, 2008, 68, 4977-4982.	0.4	12
147	Following the synthesis, transport and translation of mRNA in living cells. FASEB Journal, 2008, 22, 406.3.	0.2	0
148	ZBP1 enhances cell polarity and reduces chemotaxis. Journal of Cell Science, 2007, 120, 3173-3178.	1.2	46
149	ZBP2 Facilitates Binding of ZBP1 to Î²-Actin mRNA during Transcription. Molecular and Cellular Biology, 2007, 27, 8340-8351.	1.1	102
150	Molecular restoration of archived transcriptional profiles by complementary-template reverse-transcription (CT-RT). Nucleic Acids Research, 2007, 35, e94-e94.	6.5	27
151	Imaging mRNA movement from transcription sites to translation sites. Seminars in Cell and Developmental Biology, 2007, 18, 202-208.	2.3	62
152	YRA1 Autoregulation Requires Nuclear Export and Cytoplasmic Edc3p-Mediated Degradation of Its Pre-mRNA. Molecular Cell, 2007, 25, 559-573.	4.5	79
153	The spatial order of transcription in mammalian cells. Journal of Cellular Biochemistry, 2007, 102, 609-617.	1.2	15
154	QNQKE targeting motif for the SMN-Gemin multiprotein complexin neurons. Journal of Neuroscience Research, 2007, 85, 2657-2667.	1.3	29
155	In vivo dynamics of RNA polymerase II transcription. Nature Structural and Molecular Biology, 2007, 14, 796-806.	3.6	603
156	Developmental timing in Dictyostelium is regulated by the Set1 histone methyltransferase. Developmental Biology, 2006, 292, 519-532.	0.9	37
157	A peptide motif in Raver1 mediates splicing repression by interaction with the PTB RRM2 domain. Nature Structural and Molecular Biology, 2006, 13, 839-848.	3.6	92
158	Gene expression within a dynamic nuclear landscape. EMBO Journal, 2006, 25, 3469-3479.	3.5	30
159	Nucleus and gene regulation. Current Opinion in Cell Biology, 2006, 18, 229-230.	2.6	4
160	Transcriptional Pulsing of a Developmental Gene. Current Biology, 2006, 16, 1018-1025.	1.8	694
161	Pathways for mRNA localization in the cytoplasm. Trends in Biochemical Sciences, 2006, 31, 687-693.	3.7	93
162	Assembling an intermediate filament network by dynamic cotranslation. Journal of Cell Biology, 2006, 172, 747-758.	2.3	74

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163	Stepwise RNP assembly at the site of H/ACA RNA transcription in human cells. Journal of Cell Biology, 2006, 173, 207-218.	2.3	161
164	Visualization of mRNA translation in living cells. Journal of Cell Biology, 2006, 175, 67-76.	2.3	112
165	Multiprotein Complexes of the Survival of Motor Neuron Protein SMN with Gemins Traffic to Neuronal Processes and Growth Cones of Motor Neurons. Journal of Neuroscience, 2006, 26, 8622-8632.	1.7	178
166	ZBP1 regulates mRNA stability during cellular stress. Journal of Cell Biology, 2006, 175, 527-534.	2.3	163
167	Dynamic association and localization of human H/ACA RNP proteins. Rna, 2006, 12, 2057-2062.	1.6	25
168	Gene expression profiling in single cells within tissue. Nature Methods, 2005, 2, 663-665.	9.0	52
169	Spatial regulation of Î²-actin translation by Src-dependent phosphorylation of ZBP1. Nature, 2005, 438, 512-515.	13.7	569
170	Dynamics of transcription and mRNA export. Current Opinion in Cell Biology, 2005, 17, 332-339.	2.6	45
171	How and why does Î²-actin mRNA target?. Biology of the Cell, 2005, 97, 97-110.	0.7	214
172	Imaging of gene expression in living cells and tissues. Journal of Biomedical Optics, 2005, 10, 051406.	1.4	18
173	RNA localization. Journal of Cell Science, 2005, 118, 4077-4081.	1.2	69
174	Promotion of importin Î±â€“mediated nuclear import by the phosphorylation-dependent binding of cargo protein to 14-3-3. Journal of Cell Biology, 2005, 169, 415-424.	2.3	45
175	Localization of all seven messenger RNAs for the actin-polymerization nucleator Arp2/3 complex in the protrusions of fibroblasts. Journal of Cell Science, 2005, 118, 2425-2433.	1.2	162
176	THE GREAT ESCAPE: When Cancer Cells Hijack the Genes for Chemotaxis and Motility. Annual Review of Cell and Developmental Biology, 2005, 21, 695-718.	4.0	320
177	Dynamics of Single mRNPs in Nuclei of Living Cells. Science, 2004, 304, 1797-1800.	6.0	476
178	Identification and Testing of a Gene Expression Signature of Invasive Carcinoma Cells within Primary Mammary Tumors. Cancer Research, 2004, 64, 8585-8594.	0.4	399
179	A new yeast PUF family protein, Puf6p, represses ASH1 mRNA translation and is required for its localization. Genes and Development, 2004, 18, 1452-1465.	2.7	162
180	Imaging gene expression in single living cells. Nature Reviews Molecular Cell Biology, 2004, 5, 855-862.	16.1	105

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181	Imaging Sites of N-WASP Activity in Lamellipodia and Invadopodia of Carcinoma Cells. Current Biology, 2004, 14, 697-703.	1.8	184
182	She2p Is a Novel RNA Binding Protein with a Basic Helical Hairpin Motif. Cell, 2004, 119, 491-502.	13.5	66
183	From Silencing to Gene Expression. Cell, 2004, 116, 683-698.	13.5	658
184	Single mRNA Molecules Demonstrate Probabilistic Movement in Living Mammalian Cells. Current Biology, 2003, 13, 161-167.	1.8	529
185	Real-Time Visualization of ZBP1 Association with Î²-Actin mRNA during Transcription and Localization. Current Biology, 2003, 13, 199-207.	1.8	191
186	RNA localization: visualization in real-time. Current Biology, 2003, 13, R673-R675.	1.8	15
187	Gene expression and the myth of the average cell. Trends in Cell Biology, 2003, 13, 4-6.	3.6	242
188	Role of the parafusin orthologue, PRP1, in microneme exocytosis and cell invasion inToxoplasma gondii. Cellular Microbiology, 2003, 5, 613-624.	1.1	27
189	RNA asymmetric distribution and daughter/mother differentiation in yeast. Current Opinion in Microbiology, 2003, 6, 614-620.	2.3	46
190	Fluorescence in situ hybridization: past, present and future. Journal of Cell Science, 2003, 116, 2833-2838.	1.2	493
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