Eric J Wagner

List of Publications by Year
in descending order

52	3,427	186265	206112
papers	citations	28 h-index	48 g-index

60	60	60	3766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic analyses of alternative polyadenylation from RNA-seq reveal a 3â€²-UTR landscape across seven tumour types. Nature Communications, 2014, 5, 5274.	12.8	430
2	CFIm25 links alternative polyadenylation to glioblastoma tumour suppression. Nature, 2014, 510, 412-416.	27.8	365
3	Mapping information-rich genotype-phenotype landscapes with genome-scale Perturb-seq. Cell, 2022, 185, 2559-2575.e28.	28.9	169
4	The Integrator Complex Attenuates Promoter-Proximal Transcription at Protein-Coding Genes. Molecular Cell, 2019, 76, 738-752.e7.	9.7	150
5	Coordinated alterations in RNA splicing and epigenetic regulation drive leukaemogenesis. Nature, 2019, 574, 273-277.	27.8	149
6	3â€² UTR shortening represses tumor-suppressor genes in trans by disrupting ceRNA crosstalk. Nature Genetics, 2018, 50, 783-789.	21.4	148
7	Integrator Regulates Transcriptional Initiation and Pause Release following Activation. Molecular Cell, 2014, 56, 128-139.	9.7	147
8	Complement 1 Inhibitor Is a Regulator of the Alternative Complement Pathway. Journal of Experimental Medicine, 2001, 194, 1609-1616.	8.5	140
9	RNAi-Mediated PTB Depletion Leads to Enhanced Exon Definition. Molecular Cell, 2002, 10, 943-949.	9.7	135
10	The Integrator complex cleaves nascent mRNAs to attenuate transcription. Genes and Development, 2019, 33, 1525-1538.	5.9	113
11	Integrator Recruits Protein Phosphatase 2A to Prevent Pause Release and Facilitate Transcription Termination. Molecular Cell, 2020, 80, 345-358.e9.	9.7	109
12	An atlas of alternative polyadenylation quantitative trait loci contributing to complex trait and disease heritability. Nature Genetics, 2021, 53, 994-1005.	21.4	85
13	Integrator: surprisingly diverse functions in gene expression. Trends in Biochemical Sciences, 2015, 40, 257-264.	7.5	83
14	A Subset of Drosophila Integrator Proteins Is Essential for Efficient U7 snRNA and Spliceosomal snRNA 3â€²-End Formation. Molecular and Cellular Biology, 2011, 31, 328-341.	2.3	82
15	TC3A: The Cancer 3â€² UTR Atlas. Nucleic Acids Research, 2018, 46, D1027-D1030.	14.5	79
16	Human mutations in integrator complex subunits link transcriptome integrity to brain development. PLoS Genetics, 2017, 13, e1006809.	3.5	66
17	Integrator subunit 4 is a â€˜Symplekin-likeâ€™ scaffold that associates with INTS9/11 to form the Integrator cleavage module. Nucleic Acids Research, 2018, 46, 4241-4255.	14.5	65
18	Selection of a Polyurethane Membrane for the Manufacture of Ventricles for a Totally Implantable Artificial Heart: Blood Compatibility and Biocompatibilityâ€ƒStudies. Artificial Organs, 2000, 24, 879-888.	1.9	59

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19	An RNAi screen identifies additional members of the Drosophila Integrator complex and a requirement for cyclin C/Cdk8 in snRNA 3â€²-end formation. Rna, 2012, 18, 2148-2156.	3.5	59
20	Molecular basis for the interaction between Integrator subunits IntS9 and IntS11 and its functional importance. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4394-4399.	7.1	59
21	Poly(A)-ClickSeq: click-chemistry for next-generation 3Î„-end sequencing without RNA enrichment or fragmentation. Nucleic Acids Research, 2017, 45, e112-e112.	14.5	58
22	The contribution of alternative polyadenylation to the cancer phenotype. Carcinogenesis, 2018, 39, 2-10.	2.8	58
23	Alternative polyadenylation of mRNA and its role in cancer. Genes and Diseases, 2021, 8, 61-72.	3.4	57
24	snRNA 3â€² End Formation Requires Heterodimeric Association of Integrator Subunits. Molecular and Cellular Biology, 2012, 32, 1112-1123.	2.3	56
25	Nudt21 regulates the alternative polyadenylation of Pak1 and is predictive in the prognosis of glioblastoma patients. Oncogene, 2019, 38, 4154-4168.	5.9	54
26	Cleavage factor 25 deregulation contributes to pulmonary fibrosis through alternative polyadenylation. Journal of Clinical Investigation, 2019, 129, 1984-1999.	8.2	47
27	Characterization of the Intronic Splicing Silencers Flanking FGFR2 Exon IIIb. Journal of Biological Chemistry, 2005, 280, 14017-14027.	3.4	33
28	CFIm25 regulates glutaminase alternative terminal exon definition to modulate miR-23 function. Rna, 2016, 22, 830-838.	3.5	33
29	Human Pumilio proteins directly bind the CCR4-NOT deadenylase complex to regulate the transcriptome. Rna, 2021, 27, 445-464.	3.5	32
30	Functional Analysis of the Integrator Subunit 12 Identifies a Microdomain That Mediates Activation of the Drosophila Integrator Complex. Journal of Biological Chemistry, 2013, 288, 4867-4877.	3.4	28
31	Self-oligomerization regulates stability of survival motor neuron protein isoforms by sequestering an SCF^{Slmb} degron. Molecular Biology of the Cell, 2018, 29, 96-110.	2.1	27
32	Development of Poly(A)-ClickSeq as a tool enabling simultaneous genome-wide poly(A)-site identification and differential expression analysis. Methods, 2019, 155, 20-29.	3.8	26
33	Partial loss of CFIm25 causes learning deficits and aberrant neuronal alternative polyadenylation. ELife, 2020, 9, .	6.0	25
34	Downregulation of CFIm25 amplifies dermal fibrosis through alternative polyadenylation. Journal of Experimental Medicine, 2020, 217, .	8.5	23
35	PolyA-miner: accurate assessment of differential alternative poly-adenylation from 3â€²Seq data using vector projections and non-negative matrix factorization. Nucleic Acids Research, 2020, 48, e69-e69.	14.5	22
36	Quantification of alternatively spliced FGFR2 RNAs using the RNA invasive cleavage assay. Rna, 2003, 9, 1552-1561.	3.5	19

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37	CRISPR-Cas9 mediated genetic engineering for the purification of the endogenous integrator complex from mammalian cells. Protein Expression and Purification, 2016, 128, 101-108.	1.3	17
38	Composition of the Survival Motor Neuron (SMN) Complex in Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2019, 9, 491-503.	1.8	16
39	CstF64-Induced Shortening of the BID 3â€²UTR Promotes Esophageal Squamous Cell Carcinoma Progression by Disrupting ceRNA Cross-talk with ZFP36L2. Cancer Research, 2021, 81, 5638-5651.	0.9	13
40	RBFOX2 is critical for maintaining alternative polyadenylation patterns and mitochondrial health in rat myoblasts. Cell Reports, 2021, 37, 109910.	6.4	13
41	A distal auxiliary element facilitates cleavage and polyadenylation of Dux4 mRNA in the pathogenic haplotype of FSHD. Human Genetics, 2017, 136, 1291-1301.	3.8	12
42	Suppression of premature transcription termination leads to reduced mRNA isoform diversity and neurodegeneration. Neuron, 2022, 110, 1340-1357.e7.	8.1	12
43	Discovery and characterization of a novel CCND1/MRCK gene fusion in mantle cell lymphoma. Journal of Hematology and Oncology, 2016, 9, 30.	17.0	5
44	Gain-of-function reporters for analysis of mRNA 3â€²-end formation: Design and optimization. BioTechniques, 2016, 60, 137-40.	1.8	4
45	A computational pipeline to infer alternative poly-adenylation from 3â€² sequencing data. Methods in Enzymology, 2021, 655, 185-204.	1.0	4
46	Application and design considerations for 3â€²-end sequencing using click-chemistry. Methods in Enzymology, 2021, 655, 1-23.	1.0	4
47	3â€™UTR shortening of HAS2 promotes hyaluronan hyper-synthesis and bioenergetic dysfunction in pulmonary hypertension. Matrix Biology, 2022, 111, 53-75.	3.6	4
48	Genome-Wide RNAi Screens for RNA Processing Events in Drosophila melanogaster S2 Cells. Methods in Molecular Biology, 2017, 1648, 235-245.	0.9	0
49	Biochemical and Next Generation Sequencing Approaches to Study RNA Regulation. Methods, 2019, 155, 1-2.	3.8	0
50	A Genomeâ€wide RNAi screen identifies novel factors involved in the processing of snRNA. FASEB Journal, 2010, 24, 831.3.	0.5	0
51	Manipulation of the Humoral Immune System and the Host Immune Response to Infection. , 0, , 137-157.		0
52	Multiple Mechanisms Driving Alternative Polyadenylation of Cyclin D1 (CCND1) preâ€mRNA Processing. FASEB Journal, 2018, 32, 650.12.	0.5	0