

Kathi Zarnack

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,503
citations

331670

21
h-index

302126

39
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52
all docs

52
docs citations

52
times ranked

5028
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of Prostaglandin E2 Signaling in Cancer-Associated Fibroblasts Limits Mammary Carcinoma Growth but Promotes Metastasis. <i>Cancer Research</i> , 2022, 82, 1380-1395.	0.9	10
2	Functional RNA Dynamics Are Progressively Governed by RNA Destabilization during the Adaptation to Chronic Hypoxia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5824.	4.1	3
3	SRSF3 and SRSF7 modulate 3'UTR length through suppression or activation of proximal polyadenylation sites and regulation of CFlm levels. <i>Genome Biology</i> , 2021, 22, 82.	8.8	30
4	Bioinformatics in theory and application – highlights of the 36th German Conference on Bioinformatics. <i>Biological Chemistry</i> , 2021, 402, 869-870.	2.5	1
5	Direct long-read RNA sequencing identifies a subset of questionable exons likely arising from reverse transcription artifacts. <i>Genome Biology</i> , 2021, 22, 190.	8.8	20
6	Deep and accurate detection of m6A RNA modifications using miCLIP2 and m6Aboost machine learning. <i>Nucleic Acids Research</i> , 2021, 49, e92-e92.	14.5	50
7	The RNA-binding profile of the splicing factor SRSF6 in immortalized human pancreatic β -cells. <i>Life Science Alliance</i> , 2021, 4, e202000825.	2.8	14
8	iCLIP data analysis: A complete pipeline from sequencing reads to RBP binding sites. <i>Methods</i> , 2020, 178, 49-62.	3.8	45
9	Exon Definition Facilitates Reliable Control of Alternative Splicing in the RON Proto-Oncogene. <i>Biophysical Journal</i> , 2020, 118, 2027-2041.	0.5	7
10	Dynamic mRNP Remodeling in Response to Internal and External Stimuli. <i>Biomolecules</i> , 2020, 10, 1310.	4.0	16
11	An autoinhibitory intramolecular interaction proof-reads RNA recognition by the essential splicing factor U2AF2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 7140-7149.	7.1	25
12	Muscleblind-like 2 controls the hypoxia response of cancer cells. <i>Rna</i> , 2020, 26, 648-663.	3.5	19
13	Makorin 1 controls embryonic patterning by alleviating Bruno1-mediated repression of oskar translation. <i>PLoS Genetics</i> , 2020, 16, e1008581.	3.5	11
14	Polypyrimidine tract-binding proteins are essential for B cell development. <i>ELife</i> , 2020, 9, .	6.0	25
15	The RNA-binding ubiquitin ligase MKRN1 functions in ribosome-associated quality control of poly(A) translation. <i>Genome Biology</i> , 2019, 20, 216.	8.8	29
16	Phenotypic Plasticity of Fibroblasts during Mammary Carcinoma Development. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4438.	4.1	19
17	A combined computational pipeline to detect circular RNAs in human cancer cells under hypoxic stress. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 829-844.	3.3	21
18	uORF-Tools – Workflow for the determination of translation-regulatory upstream open reading frames. <i>PLoS ONE</i> , 2019, 14, e0222459.	2.5	7

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19	The key protein of endosomal mRNP transport Rrm4 binds translational landmark sites of cargo mRNAs. <i>EMBO Reports</i> , 2019, 20, .	4.5	38
20	Membrane-Associated RNA-Binding Proteins Orchestrate Organelle-Coupled Translation. <i>Trends in Cell Biology</i> , 2019, 29, 178-188.	7.9	60
21	In vitro iCLIP-based modeling uncovers how the splicing factor U2AF2 relies on regulation by cofactors. <i>Genome Research</i> , 2018, 28, 699-713.	5.5	62
22	High-Throughput Screens for <i>cis</i> -Acting RNA Sequence Elements That Promote Nuclear Retention. <i>Biochemistry</i> , 2018, 57, 3542-3543.	2.5	1
23	Decoding a cancer-relevant splicing decision in the RON proto-oncogene using high-throughput mutagenesis. <i>Nature Communications</i> , 2018, 9, 3315.	12.8	46
24	Insights into the design and interpretation of iCLIP experiments. <i>Genome Biology</i> , 2017, 18, 7.	8.8	73
25	Cellular differentiation state modulates the mRNA export activity of SR proteins. <i>Journal of Cell Biology</i> , 2017, 216, 1993-2009.	5.2	53
26	Differential Binding of Mitochondrial Transcripts by MRB8170 and MRB4160 Regulates Distinct Editing Fates of Mitochondrial mRNA in Trypanosomes. <i>MBio</i> , 2017, 8, .	4.1	17
27	Interaction profiling of RNA-binding ubiquitin ligases reveals a link between posttranscriptional regulation and the ubiquitin system. <i>Scientific Reports</i> , 2017, 7, 16582.	3.3	17
28	Splicing repression allows the gradual emergence of new Alu-exons in primate evolution. <i>ELife</i> , 2016, 5, .	6.0	57
29	Recognition of distinct RNA motifs by the clustered CCCH zinc fingers of neuronal protein Unkempt. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 16-23.	8.2	23
30	SR proteins are NXF1 adaptors that link alternative RNA processing to mRNA export. <i>Genes and Development</i> , 2016, 30, 553-566.	5.9	242
31	The RNA-binding protein HuR is essential for the B cell antibody response. <i>Nature Immunology</i> , 2015, 16, 415-425.	14.5	125
32	Control of a neuronal morphology program by an RNA-binding zinc finger protein, Unkempt. <i>Genes and Development</i> , 2015, 29, 501-512.	5.9	35
33	Direct Competition between hnRNP C and U2AF65 Protects the Transcriptome from the Exonization of Alu Elements. <i>Cell</i> , 2013, 152, 453-466.	28.9	398
34	Protein-RNA interactions: new genomic technologies and perspectives. <i>Nature Reviews Genetics</i> , 2012, 13, 77-83.	16.3	482
35	The RNA-Binding Protein Rrm4 is Essential for Efficient Secretion of Endochitinase Cts1. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.011213.	3.8	48
36	iCLIP reveals the function of hnRNP particles in splicing at individual nucleotide resolution. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 909-915.	8.2	1,026

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37	iCLIP Predicts the Dual Splicing Effects of TIA-RNA Interactions. PLoS Biology, 2010, 8, e1000530.	5.6	226
38	Tandem KH domains of Khd4 recognize AUACCC and are essential for regulation of morphology as well as pathogenicity in <i>Ustilago maydis</i> . Rna, 2009, 15, 2206-2218.	3.5	24
39	The fungal RNA-binding protein Rrm4 mediates long-distance transport of ubi1 and rho3 mRNAs. EMBO Journal, 2009, 28, 1855-1866.	7.8	90
40	Protein-RNA interactions: new genomic technologies and perspectives. , 0, .		1