Archa H Fox

List of Publications by Year
in descending order

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Version: 2024-02-01

58 papers	8,666 citations	109264 35 h-index	161767 54 g-index
64 all docs	64 docs citations	64 times ranked	9956 citing authors

#	Article	IF	Citations
1	An Architectural Role for a Nuclear Noncoding RNA: NEAT1 RNA Is Essential for the Structure of Paraspeckles. Molecular Cell, 2009, 33, 717-726.	4.5	1,224
2	Directed Proteomic Analysis of the Human Nucleolus. Current Biology, 2002, 12, 1-11.	1.8	962
3	The oestrogen receptor alpha-regulated lncRNA NEAT1 is a critical modulator of prostate cancer. Nature Communications, 2014, 5, 5383.	5.8	522
4	Genome-wide analysis of long noncoding RNA stability. Genome Research, 2012, 22, 885-898.	2.4	471
5	Paraspeckles. Current Biology, 2002, 12, 13-25.	1.8	455
6	Functional Domains of NEAT1 Architectural lncRNA Induce Paraspeckle Assembly through Phase Separation. Molecular Cell, 2018, 70, 1038-1053.e7.	4.5	429
7	Paraspeckles: nuclear bodies built on long noncoding RNA. Journal of Cell Biology, 2009, 186, 637-644.	2.3	379
8	NEAT1 long noncoding RNA regulates transcription via protein sequestration within subnuclear bodies. Molecular Biology of the Cell, 2014, 25, 169-183.	0.9	371
9	Paraspeckles: Where Long Noncoding RNA Meets Phase Separation. Trends in Biochemical Sciences, 2018, 43, 124-135.	3.7	315
10	Prion-like domains in RNA binding proteins are essential for building subnuclear paraspeckles. Journal of Cell Biology, 2015, 210, 529-539.	2.3	269
11	Structural, super-resolution microscopy analysis of paraspeckle nuclear body organization. Journal of Cell Biology, 2016, 214, 817-830.	2.3	262
12	Paraspeckles. Cold Spring Harbor Perspectives in Biology, 2010, 2, a000687-a000687.	2.3	254
13	Transcriptional cofactors of the FOG family interact with GATA proteins by means of multiple zinc fingers. EMBO Journal, 1999, 18, 2812-2822.	3.5	239
14	P54nrb Forms a Heterodimer with PSP1 That Localizes to Paraspeckles in an RNA-dependent Manner. Molecular Biology of the Cell, 2005, 16, 5304-5315.	0.9	207
15	The DBHS proteins SFPQ, NONO and PSPC1: a multipurpose molecular scaffold. Nucleic Acids Research, 2016, 44, 3989-4004.	6.5	204
16	Highly Ordered Spatial Organization of the Structural Long Noncoding NEAT1 RNAs within Paraspeckle Nuclear Bodies. Molecular Biology of the Cell, 2010, 21, 4020-4027.	0.9	190
17	NONO Detects the Nuclear HIV Capsid to Promote cGAS-Mediated Innate Immune Activation. Cell, 2018, 175, 488-501.e22.	13.5	154
18	Structure of the heterodimer of human NONO and paraspeckle protein component 1 and analysis of its role in subnuclear body formation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4846-4850.	3.3	132

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19	The structure of human SFPQ reveals a coiled-coil mediated polymer essential for functional aggregation in gene regulation. Nucleic Acids Research, 2015, 43, 3826-3840.	6.5	115
20	Functional dissection of NEAT1 using genome editing reveals substantial localization of the NEAT1_1 isoform outside paraspeckles. Rna, 2017, 23, 872-881.	1.6	114
21	Nuclear bodies: news insights into structure and function. Current Opinion in Cell Biology, 2017, 46, 94-101.	2.6	109
22	ALS-linked FUS mutations confer loss and gain of function in the nucleus by promoting excessive formation of dysfunctional paraspeckles. Acta Neuropathologica Communications, 2019, 7, 7.	2.4	103
23	Effects of a Novel Long Noncoding RNA, lncUSMycN, on N-Myc Expression and Neuroblastoma Progression. Journal of the National Cancer Institute, 2014, 106, .	3.0	98
24	hFOG-2, a Novel Zinc Finger Protein, Binds the Co-repressor mCtBP2 and Modulates GATA-mediated Activation. Journal of Biological Chemistry, 1999, 274, 23491-23498.	1.6	97
25	The emerging roles of hnRNPK. Journal of Cellular Physiology, 2020, 235, 1995-2008.	2.0	85
26	Key Residues Characteristic of GATA N-fingers Are Recognized By FOG. Journal of Biological Chemistry, 1998, 273, 33595-33603.	1.6	83
27	The ins and outs of lncRNA structure: How, why and what comes next?. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 46-58.	0.9	71
28	Tadpole-like Conformations of Huntingtin Exon 1 Are Characterized by Conformational Heterogeneity that Persists regardless of Polyglutamine Length. Journal of Molecular Biology, 2018, 430, 1442-1458.	2.0	65
29	Non-nuclear Pool of Splicing Factor SFPQ Regulates Axonal Transcripts Required for Normal Motor Development. Neuron, 2017, 94, 322-336.e5.	3.8	61
30	A class of zinc fingers involved in protein-protein interactions. FEBS Journal, 2000, 267, 1030-1038.	0.2	59
31	The long and short of non-coding RNAs during post-natal growth and differentiation of skeletal muscles: Focus on lncRNA and miRNAs. Differentiation, 2016, 92, 237-248.	1.0	57
32	Smchd1 Targeting to the Inactive X Is Dependent on the Xist-HnrnpK-PRC1 Pathway. Cell Reports, 2018, 25, 1912-1923.e9.	2.9	56
33	Involvement of the N-finger in the Self-association of GATA-1. Journal of Biological Chemistry, 1998, 273, 30560-30567.	1.6	48
34	Paraspeckle nuclear condensates: Global sensors of cell stress?. BioEssays, 2021, 43, e2000245.	1.2	45
35	Solution Structures of Two CCHC Zinc Fingers from the FOG Family Protein U-Shaped that Mediate Proteinâ€“Protein Interactions. Structure, 2000, 8, 1157-1166.	1.6	39
36	Distinct Roles of DBHS Family Members in the Circadian Transcriptional Feedback Loop. Molecular and Cellular Biology, 2012, 32, 4585-4594.	1.1	39

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37	NEAT1 polyA-modulating antisense oligonucleotides reveal opposing functions for both long non-coding RNA isoforms in neuroblastoma. Cellular and Molecular Life Sciences, 2021, 78, 2213-2230.	2.4	39
38	Crystal structure of a SFPQ/PSPC1 heterodimer provides insights into preferential heterodimerization of human DBHS family proteins. Journal of Biological Chemistry, 2018, 293, 6593-6602.	1.6	32
39	Protocadherin 19 (PCDH19) interacts with paraspeckle protein NONO to co-regulate gene expression with estrogen receptor alpha (ERÎ±). Human Molecular Genetics, 2017, 26, 2042-2052.	1.4	28
40	Caenorhabditis elegans<scp>NONO</scp>â€1: Insights into <scp>DBHS</scp> protein structure, architecture, and function. Protein Science, 2015, 24, 2033-2043.	3.1	22
41	Caveolinâ€1â€driven membrane remodelling regulates hnRNPKâ€mediated exosomal microRNA sorting in cancer. Clinical and Translational Medicine, 2021, 11, e381.	1.7	19
42	Construct optimization for studying protein complexes: obtaining diffraction-quality crystals of the pseudosymmetric PSPC1â€“NONO heterodimer. Acta Crystallographica Section D: Biological Crystallography, 2011, 67, 981-987.	2.5	18
43	Nuclear matrix binding is critical for progesterone receptor movement into nuclear foci. FASEB Journal, 2009, 23, 546-556.	0.2	14
44	Crystallization of a paraspeckle protein PSPC1â€“NONO heterodimer. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1231-1234.	0.7	14
45	Matrix stiffness-sensitive long noncoding RNA NEAT1 seeded paraspeckles in cancer cells. Molecular Biology of the Cell, 2020, 31, 1654-1662.	0.9	14
46	A crystallographic study of human NONO (p54^{nrb}): overcoming pathological problems with purification, data collection and noncrystallographic symmetry. Acta Crystallographica Section D: Structural Biology, 2016, 72, 761-769.	1.1	11
47	The role of G-Quadruplex DNA in Paraspeckle formation in cancer. Biochimie, 2021, 190, 124-131.	1.3	10
48	Single Stranded Fully Modified-Phosphorothioate Oligonucleotides can Induce Structured Nuclear Inclusions, Alter Nuclear Protein Localization and Disturb the Transcriptome In Vitro. Frontiers in Genetics, 2022, 13, 791416.	1.1	10
49	Structural basis of dimerization and nucleic acid binding of human DBHS proteins NONO and PSPC1. Nucleic Acids Research, 2022, 50, 522-535.	6.5	10
50	SPArking Interest in the Long Noncoding RNA World: A New Class of 5â€² SnoRNA-Stabilized LncRNA that Influences Alternative Splicing. Molecular Cell, 2016, 64, 435-437.	4.5	9
51	Extracting, Enriching, and Identifying Nuclear Body Sub-Complexes Using Label-Based Quantitative Mass Spectrometry. Methods in Molecular Biology, 2015, 1262, 215-238.	0.4	3
52	Species-specific formation of paraspeckles in intestinal epithelium revealed by characterization of NEAT1 in naked mole-rat. Rna, 2022, 28, 1128-1143.	1.6	2
53	A mitochondriaâ€“paraspeckle crosstalk. Nature Cell Biology, 2018, 20, 1108-1109.	4.6	1
54	The activity of FOG-1 is potentiated by its ability to contact GATA-1 through multiple zinc fingers. Biochemical Society Transactions, 1999, 27, A99-A99.	1.6	0

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55	The noncoding RNA revolution. International Journal of Biochemistry and Cell Biology, 2014, 54, 287.	1.2	0
56	Long Non-coding RNAs and Nuclear Body Formation and Function. , 2019, , 65-84.		0
57	Abstract LB-474: Estrogen receptor regulated long non coding RNA: An evolving paradigm in prostate cancer progression. , 2012, , .		0
58	Long Non-coding RNAs and Nuclear Body Formation and Function. , 2013, , 197-215.		0