

Amy E Pasquinelli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

15,755
citations

30
h-index

103
g-index

103
ext. papers

17,342
ext. citations

14.6
avg, IF

6.67
L-index

#	Paper	IF	Citations
57	Recovery from heat shock requires the microRNA pathway in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2021 , 17, e1009734	6	1
56	Auxin-independent depletion of degron-tagged proteins by TIR1. <i>MicroPublication Biology</i> , 2020 , 2020,	0.8	3
55	RNA interference may result in unexpected phenotypes in <i>Caenorhabditis elegans</i> . <i>Nucleic Acids Research</i> , 2019 , 47, 3957-3969	20.1	10
54	Remodeling of the <i>Caenorhabditis elegans</i> non-coding RNA transcriptome by heat shock. <i>Nucleic Acids Research</i> , 2019 , 47, 9829-9841	20.1	12
53	Diversification of the heat shock response by Helitron transposable elements. <i>ELife</i> , 2019 , 8,	8.9	8
52	miRNA Targeting: Growing beyond the Seed. <i>Trends in Genetics</i> , 2019 , 35, 215-222	8.5	95
51	Tales of Detailed Poly(A) Tails. <i>Trends in Cell Biology</i> , 2019 , 29, 191-200	18.3	63
50	A rADAR defense against RNAi. <i>Genes and Development</i> , 2018 , 32, 199-201	12.6	2
49	Detection of microRNA-Target Interactions by Chimera PCR (ChimP). <i>Methods in Molecular Biology</i> , 2018 , 1823, 153-165	1.4	1
48	Opposing roles of microRNA Argonautes during <i>Caenorhabditis elegans</i> aging. <i>PLoS Genetics</i> , 2018 , 14, e1007379	6	18
47	Short poly(A) tails are a conserved feature of highly expressed genes. <i>Nature Structural and Molecular Biology</i> , 2017 , 24, 1057-1063	17.6	106
46	Making and Maintaining microRNAs in Animals 2017 , 1-17		
45	A tale of two sequences: microRNA-target chimeric reads. <i>Genetics Selection Evolution</i> , 2016 , 48, 31	4.9	14
44	A sense-able microRNA. <i>Genes and Development</i> , 2016 , 30, 2019-2020	12.6	1
43	Pairing beyond the Seed Supports MicroRNA Targeting Specificity. <i>Molecular Cell</i> , 2016 , 64, 320-333	17.6	199
42	Splicing remodels the let-7 primary microRNA to facilitate Drosha processing in <i>Caenorhabditis elegans</i> . <i>Rna</i> , 2015 , 21, 1396-403	5.8	4
41	MicroRNAs: heralds of the noncoding RNA revolution. <i>Rna</i> , 2015 , 21, 709-10	5.8	11

40	The Period protein homolog LIN-42 negatively regulates microRNA biogenesis in <i>C. elegans</i> . <i>Developmental Biology</i> , 2014 , 390, 126-35	3.1	15
39	Period homolog LIN-42 regulates miRNA transcription to impact developmental timing. <i>Worm</i> , 2014 , 3, e974453		9
38	Identification of miRNAs and their targets in <i>C. elegans</i> . <i>Advances in Experimental Medicine and Biology</i> , 2014 , 825, 431-50	3.6	7
37	Identifying Argonaute binding sites in <i>Caenorhabditis elegans</i> using iCLIP. <i>Methods</i> , 2013 , 63, 119-25	4.6	26
36	MicroRNA biogenesis: regulating the regulators. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013 , 48, 51-68	8.7	206
35	The primary target of let-7 microRNA. <i>Biochemical Society Transactions</i> , 2013 , 41, 821-4	5.1	6
34	MicroRNAs that interfere with RNAi. <i>Worm</i> , 2013 , 2, e21835		3
33	Multiple cis-elements and trans-acting factors regulate dynamic spatio-temporal transcription of let-7 in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2013 , 374, 223-33	3.1	20
32	Functional genomic analysis of the let-7 regulatory network in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2013 , 9, e1003353	6	31
31	The miR-35-41 family of microRNAs regulates RNAi sensitivity in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2012 , 8, e1002536	6	27
30	MicroRNAs and their targets: recognition, regulation and an emerging reciprocal relationship. <i>Nature Reviews Genetics</i> , 2012 , 13, 271-82	30.1	1191
29	Autoregulation of microRNA biogenesis by let-7 and Argonaute. <i>Nature</i> , 2012 , 486, 541-4	50.4	180
28	Small non-coding RNAs mount a silent revolution in gene expression. <i>Current Opinion in Cell Biology</i> , 2012 , 24, 333-40	9	89
27	Birthing histone mRNAs by CSR-1 section. <i>EMBO Journal</i> , 2012 , 31, 3790-1	13	1
26	Let-7s make it happen: the role of let-7 microRNA in development. <i>Current Topics in Developmental Biology</i> , 2012 , 99, 1-30	5.3	49
25	Analysis of microRNA expression and function. <i>Methods in Cell Biology</i> , 2011 , 106, 219-252	1.8	60
24	Comprehensive identification of miRNA target sites in live animals. <i>Methods in Molecular Biology</i> , 2011 , 732, 169-85	1.4	7
23	LIN-28 co-transcriptionally binds primary let-7 to regulate miRNA maturation in <i>Caenorhabditis elegans</i> . <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 302-8	17.6	108

22	Comprehensive discovery of endogenous Argonaute binding sites in <i>Caenorhabditis elegans</i> . <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 173-9	17.6	252
21	MicroRNA assassins: factors that regulate the disappearance of miRNAs. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 5-10	17.6	205
20	Molecular biology. Paring miRNAs through pairing. <i>Science</i> , 2010 , 328, 1494-5	33.3	8
19	Regulation of lin-4 miRNA expression, organismal growth and development by a conserved RNA binding protein in <i>C. elegans</i> . <i>Developmental Biology</i> , 2010 , 348, 210-21	3.1	18
18	Uncoupling of lin-14 mRNA and protein repression by nutrient deprivation in <i>Caenorhabditis elegans</i> . <i>Rna</i> , 2009 , 15, 400-5	5.8	17
17	MicroRNA silencing through RISC recruitment of eIF6. <i>Nature</i> , 2007 , 447, 823-8	50.4	393
16	The evolving role of microRNAs in animal gene expression. <i>BioEssays</i> , 2006 , 28, 449-52	4.1	36
15	Functional genomic analysis of RNA interference in <i>C. elegans</i> . <i>Science</i> , 2005 , 308, 1164-7	33.3	244
14	MicroRNAs: a developing story. <i>Current Opinion in Genetics and Development</i> , 2005 , 15, 200-5	4.9	262
13	Regulation by let-7 and lin-4 miRNAs results in target mRNA degradation. <i>Cell</i> , 2005 , 122, 553-63	56.2	1116
12	MicroRNAs: A small contribution from worms 2005 , 69-83		
11	Trans-splicing and polyadenylation of let-7 microRNA primary transcripts. <i>Rna</i> , 2004 , 10, 1586-94	5.8	129
10	MicroRNA-responsive sensor transgenes uncover Hox-like and other developmentally regulated patterns of vertebrate microRNA expression. <i>Nature Genetics</i> , 2004 , 36, 1079-83	36.3	378
9	Expression of the 22 nucleotide let-7 heterochronic RNA throughout the Metazoa: a role in life history evolution?. <i>Evolution & Development</i> , 2003 , 5, 372-8	2.6	99
8	Coordinate regulation of small temporal RNAs at the onset of <i>Drosophila</i> metamorphosis. <i>Developmental Biology</i> , 2003 , 259, 1-8	3.1	102
7	The <i>C. elegans</i> hunchback homolog, hbl-1, controls temporal patterning and is a probable microRNA target. <i>Developmental Cell</i> , 2003 , 4, 639-50	10.2	283
6	MicroRNAs: deviants no longer. <i>Trends in Genetics</i> , 2002 , 18, 171-3	8.5	67
5	Control of developmental timing by micrnas and their targets. <i>Annual Review of Cell and Developmental Biology</i> , 2002 , 18, 495-513	12.6	278

4	A cellular function for the RNA-interference enzyme Dicer in the maturation of the let-7 small temporal RNA. <i>Science</i> , 2001 , 293, 834-8	33.3	2200
3	Genes and mechanisms related to RNA interference regulate expression of the small temporal RNAs that control <i>C. elegans</i> developmental timing. <i>Cell</i> , 2001 , 106, 23-34	56.2	1530
2	The 21-nucleotide let-7 RNA regulates developmental timing in <i>Caenorhabditis elegans</i> . <i>Nature</i> , 2000 , 403, 901-6	50.4	3689
1	Conservation of the sequence and temporal expression of let-7 heterochronic regulatory RNA. <i>Nature</i> , 2000 , 408, 86-9	50.4	1850