Victor Ambros

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5058741/publications.pdf

Version: 2024-02-01

56	32,255	117625	155660
papers	citations	34 h-index	55 g-index

75	75	75	31706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Critical contribution of 3â€² non-seed base pairing to the inÂvivo function of the evolutionarily conserved let-7a microRNA. Cell Reports, 2022, 39, 110745.	6.4	15
2	A cohort ofCaenorhabditisspecies lacking the highly conservedlet-7microRNA. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	3
3	Development: Keeping Time with Transcription. Current Biology, 2021, 31, R212-R214.	3.9	1
4	C.Âelegans LIN-28 controls temporal cell fate progression by regulating LIN-46 expression via the 5â€² UTR of lin-46 mRNA. Cell Reports, 2021, 36, 109670.	6.4	3
5	Circulating microRNA Profiles in Acetaminophen Toxicity. Journal of Medical Toxicology, 2020, 16, 177-187.	1.5	4
6	Extracellular microRNAs in human circulation are associated with miRISC complexes that are accessible to anti-AGO2 antibody and can bind target mimic oligonucleotides. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24213-24223.	7.1	83
7	Pseudomonas aeruginosa cleaves the decoding center of Caenorhabditis elegans ribosomes. PLoS Biology, 2020, 18, e3000969.	5.6	9
8	Engineering essential genes with a "jump board" strategy using CRISPR/Cas9. MicroPublication Biology, 2020, 2020, .	0.1	4
9	RNA-seq with RNase H-based ribosomal RNA depletion specifically designed for. MicroPublication Biology, 2020, 2020, .	0.1	2
10	Mathematics of microRNAs: stabilizing gene regulatory networks. National Science Review, 2019, 6, 1189-1190.	9.5	7
11	Pheromones and Nutritional Signals Regulate the Developmental Reliance on let-7 Family MicroRNAs in C.Âelegans. Current Biology, 2019, 29, 1735-1745.e4.	3.9	21
12	TheC. elegansheterochronic genelin-28coordinates the timing of hypodermal and somatic gonadal programs for hermaphrodite reproductive system morphogenesis. Development (Cambridge), 2019, 146, .	2.5	5
13	Trans-splicing of the C. elegans let-7 primary transcript developmentally regulates let-7 microRNA biogenesis and let-7 family microRNA activity. Development (Cambridge), 2019, 146, .	2.5	9
14	The Pseudomonas aeruginosa accessory genome elements influence virulence towards Caenorhabditis elegans. Genome Biology, 2019, 20, 270.	8.8	33
15	Regulation of nuclear-cytoplasmic partitioning by thelin-28-lin-46pathway reinforces microRNA repression of HBL-1 to confer robust cell-fate progression inC. elegans. Development (Cambridge), 2019, 146, .	2.5	12
16	Recent Molecular Genetic Explorations of Caenorhabditis elegans MicroRNAs. Genetics, 2018, 209, 651-673.	2.9	50
17	A microRNA family exerts maternal control on sex determination in C. elegans. Genes and Development, 2017, 31, 422-437.	5.9	52
18	Staufen Negatively Modulates MicroRNA Activity in Caenorhabditis elegans. G3: Genes, Genomes, Genetics, 2016, 6, 1227-1237.	1.8	13

#	Article	IF	Citations
19	Robust Distal Tip Cell Pathfinding in the Face of Temperature Stress Is Ensured by Two Conserved microRNAS in Caenorhabditis elegans. Genetics, 2015, 200, 1201-1218.	2.9	30
20	Biodistribution and function of extracellular miRNA-155 in mice. Scientific Reports, 2015, 5, 10721.	3.3	115
21	An efficient and sensitive method for preparing cDNA libraries from scarce biological samples. Nucleic Acids Research, 2015, 43, e1-e1.	14.5	16
22	Mutations in Conserved Residues of the C. elegans microRNA Argonaute ALG-1 Identify Separable Functions in ALG-1 miRISC Loading and Target Repression. PLoS Genetics, 2014, 10, e1004286.	3.5	34
23	The Embryonicmir-35Family of microRNAs Promotes Multiple Aspects of Fecundity inCaenorhabditis elegans. G3: Genes, Genomes, Genetics, 2014, 4, 1747-1754.	1.8	61
24	miR-14 Regulates Autophagy during Developmental Cell Death by Targeting ip3-kinase 2. Molecular Cell, 2014, 56, 376-388.	9.7	62
25	Developmental Decline in Neuronal Regeneration by the Progressive Change of Two Intrinsic Timers. Science, 2013, 340, 372-376.	12.6	147
26	Circulating Cell and Plasma microRNA Profiles Differ between Non-STSegment and ST-Segment-Elevation Myocardial Infarction. Family Medicine & Medical Science Research, 2013, 02, 108.	0.1	58
27	Dauer larva quiescence alters the circuitry of microRNA pathways regulating cell fate progression inC. elegans. Development (Cambridge), 2012, 139, 2177-2186.	2.5	48
28	MicroRNAs and developmental timing. Current Opinion in Genetics and Development, 2011, 21, 511-517.	3.3	265
29	Effect of life history on microRNA expression during C. elegans development. Rna, 2011, 17, 639-651.	3.5	65
30	The Developmental Timing Regulatorhbl-1Modulates the Dauer Formation Decision inCaenorhabditis elegans. Genetics, 2011, 187, 345-353.	2.9	10
31	MicroRNAs: Genetically Sensitized Worms Reveal New Secrets. Current Biology, 2010, 20, R598-R600.	3.9	21
32	A feedback circuit involving let-7-family miRNAs and DAF-12 integrates environmental signals and developmental timing in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18668-18673.	7.1	141
33	pRB/CKI pathways at the interface of cell cycle and development. Cell Cycle, 2009, 8, 3433-3434.	2.6	0
34	Systematic analysis of dynamic miRNA-target interactions during C. elegans development. Development (Cambridge), 2009, 136, 3043-3055.	2.5	41
35	nhl-2 Modulates MicroRNA Activity in Caenorhabditis elegans. Cell, 2009, 136, 926-938.	28.9	159
36	The evolution of our thinking about microRNAs. Nature Medicine, 2008, 14, 1036-1040.	30.7	158

#	Article	IF	Citations
37	mirWIP: microRNA target prediction based on microRNA-containing ribonucleoproteinâ€“enriched transcripts. Nature Methods, 2008, 5, 813-819.	19.0	201
38	Drosophila let-7 microRNA is required for remodeling of the neuromusculature during metamorphosis. Genes and Development, 2008, 22, 1591-1596.	5.9	194
39	Interacting endogenous and exogenous RNAi pathways in Caenorhabditis elegans. Rna, 2006, 12, 589-597.	3.5	173
40	The Caenorhabditis elegans Heterochronic Regulator LIN-14 Is a Novel Transcription Factor That Controls the Developmental Timing of Transcription from the Insulin/Insulin-Like Growth Factor Gene ins-33 by Direct DNA Binding. Molecular and Cellular Biology, 2005, 25, 11059-11072.	2.3	51
41	The let-7 MicroRNA Family Members mir-48, mir-84, and mir-241 Function Together to Regulate Developmental Timing in Caenorhabditis elegans. Developmental Cell, 2005, 9, 403-414.	7.0	456
42	TheC. elegansheterochronic genelin-46affects developmental timing at two larval stages and encodes a relative of the scaffolding protein gephyrin. Development (Cambridge), 2004, 131, 2049-2059.	2.5	41
43	Identification of microRNAs and Other Tiny Noncoding RNAs by cDNA Cloning. , 2004, 265, 131-158.		150
44	The functions of animal microRNAs. Nature, 2004, 431, 350-355.	27.8	9,846
45	A short history of a short RNA. Cell, 2004, 116, S89-S92.	28.9	161
46	MicroRNAs and Other Tiny Endogenous RNAs in C. elegans. Current Biology, 2003, 13, 807-818.	3.9	659
47	MicroRNA Pathways in Flies and Worms. Cell, 2003, 113, 673-676.	28.9	1,172
48	Temporal regulation of microRNA expression in Drosophila melanogaster mediated by hormonal signals and Broad-Complex gene activity. Developmental Biology, 2003, 259, 9-18.	2.0	290
49	An Extensive Class of Small RNAs in Caenorhabditis elegans. Science, 2001, 294, 862-864.	12.6	2,636
50	The lin-41 RBCC Gene Acts in the C. elegans Heterochronic Pathway between the let-7 Regulatory RNA and the LIN-29 Transcription Factor. Molecular Cell, 2000, 5, 659-669.	9.7	707
51	The lin-4 Regulatory RNA Controls Developmental Timing in Caenorhabditis elegans by Blocking LIN-14 Protein Synthesis after the Initiation of Translation. Developmental Biology, 1999, 216, 671-680.	2.0	1,051
52	The Cold Shock Domain Protein LIN-28 Controls Developmental Timing in C. elegans and Is Regulated by the lin-4 RNA. Cell, 1997, 88, 637-646.	28.9	782
53	Heterochronic Genes Control Cell Cycle Progress and Developmental Competence of C. elegans Vulva Precursor Cells. Cell, 1996, 84, 667-676.	28.9	99
54	The C. elegans heterochronic gene lin-4 encodes small RNAs with antisense complementarity to lin-14. Cell, 1993, 75, 843-854.	28.9	11,149

#	Article	IF	Citations
55	Alternative temporal control systems for hypodermal cell differentiation in Caenorhabditis elegans. Nature, 1991, 350, 162-165.	27.8	63
56	A hierarchy of regulatory genes controls a larva-to-adult developmental switch in C. elegans. Cell, 1989, 57, 49-57.	28.9	340