Antony M Jose

List of Publications by Year
in descending order

24 papers	907 citations	840119 11 h-index	610482 24 g-index
31 all docs	31 docs citations	31 times ranked	1035 citing authors

#	Article	IF	Citations
1	Double-stranded RNA made in C. elegans neurons can enter the germline and cause transgenerational gene silencing. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2133-2138.	3.3	123
2	Transport of Sequence-Specific RNA Interference Information Between Cells. Annual Review of Genetics, 2007, 41, 305-330.	3.2	112
3	Export of RNA silencing from C. elegans tissues does not require the RNA channel SID-1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2283-2288.	3.3	110
4	Extracellular RNA is transported from one generation to the next in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12496-12501.	3.3	101
5	Cooperative binding of effectors by an allosteric ribozyme. Nucleic Acids Research, 2001, 29, 1631-1637.	6.5	82
6	Conserved tyrosine kinase promotes the import of silencing RNA into Caenorhabditis elegans cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14520-14525.	3.3	71
7	A Specific Subset of Transient Receptor Potential Vanilloid-Type Channel Subunits in Caenorhabditis elegans Endocrine Cells Function as Mixed Heteromers to Promote Neurotransmitter Release. Genetics, 2007, 175, 93-105.	1.2	57
8	Two classes of silencing RNAs move between Caenorhabditis elegans tissues. Nature Structural and Molecular Biology, 2011, 18, 1184-1188.	3.6	48
9	Movement of regulatory <scp>RNA</scp> between animal cells. Genesis, 2015, 53, 395-416.	0.8	47
10	Domains, Amino Acid Residues, and New Isoforms of Caenorhabditis elegans Diacylglycerol Kinase 1 (DGK-1) Important for Terminating Diacylglycerol Signaling in Vivo*. Journal of Biological Chemistry, 2005, 280, 2730-2736.	1.6	28
11	Removing bias against short sequences enables northern blotting to better complement RNA-seq for the study of small RNAs. Nucleic Acids Research, 2017, 45, e87-e87.	6.5	20
12	Reproducible features of small RNAs in C. elegans reveal NU RNAs and provide insights into 22G RNAs and 26G RNAs. Rna, 2016, 22, 184-192.	1.6	18
13	Mating can initiate stable RNA silencing that overcomes epigenetic recovery. Nature Communications, 2021, 12, 4239.	5.8	16
14	The double-stranded RNA binding protein RDE-4 can act cell autonomously during feeding RNAi in C. elegans. Nucleic Acids Research, 2017, 45, 8463-8473.	6.5	11
15	A framework for parsing heritable information. Journal of the Royal Society Interface, 2020, 17, 20200154.	1.5	9
16	Heritable epigenetic changes at single genes: challenges and opportunities in Caenorhabditis elegans. Trends in Genetics, 2022, 38, 116-119.	2.9	8
17	Tissue homogeneity requires inhibition of unequal gene silencing during development. Journal of Cell Biology, 2016, 214, 319-331.	2.3	7
18	Replicating and Cycling Stores of Information Perpetuate Life. BioEssays, 2018, 40, e1700161.	1.2	7

#	Article	IF	Citations
19	The FDA-approved drugs ticlopidine, sertaconazole, and dexlansoprazole can cause morphological changes in C.Âelegans. Chemosphere, 2020, 261, 127756.	4.2	7
20	Heritable Epigenetic Changes Alter Transgenerational Waveforms Maintained by Cycling Stores of Information. BioEssays, 2020, 42, e1900254.	1.2	7
21	The analysis of living systems can generate both knowledge and illusions. ELife, 2020, 9, .	2.8	6
22	Multiple sclerosis: can Schwann cells wrap it up?. Yale Journal of Biology and Medicine, 2002, 75, 113-6.	0.2	6
23	Gene silencing by double-stranded RNA from C. elegans neurons reveals functional mosaicism of RNA interference. Nucleic Acids Research, 2019, 47, 10059-10071.	6.5	4
24	Inheritance of extracellular nutrition and information in Caenorhabditis elegans. Molecular Reproduction and Development, 2017, 84, 283-283.	1.0	2