Ana Eulalio

List of Publications by Citations

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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.

41 papers	5,195 citations	22 h-index	43 g-index
43 ext. papers	5,809 ext. citations	12.8 avg, IF	5.67 L-index

#	Paper	IF	Citations
41	Getting to the root of miRNA-mediated gene silencing. *Cell*, **2008**, 132, 9-14	56.2	811
40	P bodies: at the crossroads of post-transcriptional pathways. *Nature Reviews Molecular Cell Biology*, **2007**, 8, 9-22	48.7	751
39	Functional screening identifies miRNAs inducing cardiac regeneration. *Nature*, **2012**, 492, 376-81	50.4	724
38	P-body formation is a consequence, not the cause, of RNA-mediated gene silencing. *Molecular and Cellular Biology*, **2007**, 27, 3970-81	4.8	511
37	GW182 interaction with Argonaute is essential for miRNA-mediated translational repression and mRNA decay. *Nature Structural and Molecular Biology*, **2008**, 15, 346-53	17.6	314
36	Deadenylation is a widespread effect of miRNA regulation. *Rna*, **2009**, 15, 21-32	5.8	311
35	Target-specific requirements for enhancers of decapping in miRNA-mediated gene silencing. *Genes and Development*, **2007**, 21, 2558-70	12.6	230
34	Analysis of the host microRNA response to Salmonella uncovers the control of major cytokines by the let-7 family. *EMBO Journal*, **2011**, 30, 1977-89	13	226
33	The GW182 protein family in animal cells: new insights into domains required for miRNA-mediated gene silencing. *Rna*, **2009**, 15, 1433-42	5.8	152
32	The mammalian microRNA response to bacterial infections. *RNA Biology*, **2012**, 9, 742-50	4.8	150
31	MicroRNAs in the interaction between host and bacterial pathogens. *FEBS Letters*, **2014**, 588, 4140-7	3.8	113
30	Structural basis for the mutually exclusive anchoring of P body components EDC3 and Tral to the DEAD box protein DDX6/Me31B. *Molecular Cell*, **2009**, 33, 661-8	17.6	93
29	A C-terminal silencing domain in GW182 is essential for miRNA function. *Rna*, **2009**, 15, 1067-77	5.8	91
28	The interactions of GW182 proteins with PABP and deadenylases are required for both translational repression and degradation of miRNA targets. *Nucleic Acids Research*, **2013**, 41, 978-94	20.1	87
27	Functional high-throughput screening identifies the miR-15 microRNA family as cellular restriction factors for Salmonella infection. *Nature Communications*, **2014**, 5, 4718	17.4	82
26	preserves the mitochondrial network necessary for replication via microRNA-dependent inhibition of fission. *Journal of Cell Biology*, **2017**, 216, 1071-1089	7.3	67
25	Similar modes of interaction enable Trailer Hitch and EDC3 to associate with DCP1 and Me31B in distinct protein complexes. *Molecular and Cellular Biology*, **2008**, 28, 6695-708	4.8	60

24	A divergent Sm fold in EDC3 proteins mediates DCP1 binding and P-body targeting. *Molecular and Cellular Biology*, **2007**, 27, 8600-11	4.8	55
23	Terminal differentiation of cardiac and skeletal myocytes induces permissivity to AAV transduction by relieving inhibition imposed by DNA damage response proteins. *Molecular Therapy*, **2012**, 20, 2087-97	11.7	51
22	MicroRNAs at the Host-Bacteria Interface: Host Defense or Bacterial Offense. *Trends in Microbiology*, **2019**, 27, 206-218	12.4	51
21	The RRM domain in GW182 proteins contributes to miRNA-mediated gene silencing. *Nucleic Acids Research*, **2009**, 37, 2974-83	20.1	43
20	The C-terminal region of Ge-1 presents conserved structural features required for P-body localization. *Rna*, **2008**, 14, 1991-8	5.8	23
19	MicroRNA Screening and the Quest for Biologically Relevant Targets. *Journal of Biomolecular Screening*, **2015**, 20, 1003-17		22
18	Nuclear export of African swine fever virus p37 protein occurs through two distinct pathways and is mediated by three independent signals. *Journal of Virology*, **2006**, 80, 1393-404	6.6	17
17	Fluorescent probes for monitoring virus fusion kinetics: comparative evaluation of reliability. *Biochimica Et Biophysica Acta - Biomembranes*, **2002**, 1561, 65-75	3.8	17
16	A candidate approach implicates the secreted Salmonella effector protein SpvB in P-body disassembly. *PLoS ONE*, **2011**, 6, e17296	3.7	17
15	A systematic analysis of the RNA-targeting potential of secreted bacterial effector proteins. *Scientific Reports*, **2017**, 7, 9328	4.9	15
14	APRICOT: an integrated computational pipeline for the sequence-based identification and characterization of RNA-binding proteins. *Nucleic Acids Research*, **2017**, 45, e96	20.1	14
13	Analysis of host microRNA function uncovers a role for miR-29b-2-5p in Shigella capture by filopodia. *PLoS Pathogens*, **2017**, 13, e1006327	7.6	13
12	Functional screenings reveal different requirements for host microRNAs in Salmonella and Shigella infection. *Nature Microbiology*, **2020**, 5, 192-205	26.6	13
11	African swine fever virus p37 structural protein is localized in nuclear foci containing the viral DNA at early post-infection times. *Virus Research*, **2007**, 130, 18-27	6.4	11
10	Two African swine fever virus proteins derived from a common precursor exhibit different nucleocytoplasmic transport activities. *Journal of Virology*, **2004**, 78, 9731-9	6.6	11
9	Analysis of A to I editing of miRNA in macrophages exposed to Salmonella. *RNA Biology*, **2010**, 7, 621-7	4.8	10
8	Stress-induced host membrane remodeling protects from infection by non-motile bacterial pathogens. *EMBO Journal*, **2018**, 37,	13	10
7	Multifaceted Roles of microRNAs in Host-Bacterial Pathogen Interaction. *Microbiology Spectrum*, **2019**, 7,	8.9	7

6	African swine fever virus p10 protein exhibits nuclear import capacity and accumulates in the nucleus during viral infection. *Veterinary Microbiology*, **2008**, 130, 47-59	3.3	6
5	Shedding light on microRNA function via microscopy-based screening. *Methods*, **2019**, 152, 55-64	4.6	5
4	The induction of natural competence adapts staphylococcal metabolism to infection.. *Nature Communications*, **2022**, 13, 1525	17.4	2
3	Reprogramming of microRNA expression via E2F1 downregulation promotes Salmonella infection both in infected and bystander cells. *Nature Communications*, **2021**, 12, 3392	17.4	1
2	Dysregulated endolysosomal trafficking in cells arrested in the G phase of the host cell cycle impairs vacuolar replication. *Autophagy*, **2021**, 1-16	10.2	0
1	Multifaceted Roles of MicroRNAs in Host-Bacterial Pathogen Interaction247-266		