

# Ana Eulalio

## 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.

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	The induction of natural competence adapts staphylococcal metabolism to infection.. <i>Nature Communications</i> , <b>2022</b> , 13, 1525	17.4	2
40	Dysregulated endolysosomal trafficking in cells arrested in the G phase of the host cell cycle impairs vacuolar replication. <i>Autophagy</i> , <b>2021</b> , 1-16	10.2	0
39	Reprogramming of microRNA expression via E2F1 downregulation promotes Salmonella infection both in infected and bystander cells. <i>Nature Communications</i> , <b>2021</b> , 12, 3392	17.4	1
38	Functional screenings reveal different requirements for host microRNAs in Salmonella and Shigella infection. <i>Nature Microbiology</i> , <b>2020</b> , 5, 192-205	26.6	13
37	Multifaceted Roles of microRNAs in Host-Bacterial Pathogen Interaction. <i>Microbiology Spectrum</i> , <b>2019</b> , 7,	8.9	7
36	MicroRNAs at the Host-Bacteria Interface: Host Defense or Bacterial Offense. <i>Trends in Microbiology</i> , <b>2019</b> , 27, 206-218	12.4	51
35	Shedding light on microRNA function via microscopy-based screening. <i>Methods</i> , <b>2019</b> , 152, 55-64	4.6	5
34	Stress-induced host membrane remodeling protects from infection by non-motile bacterial pathogens. <i>EMBO Journal</i> , <b>2018</b> , 37,	13	10
33	APRICOT: an integrated computational pipeline for the sequence-based identification and characterization of RNA-binding proteins. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, e96	20.1	14
32	preserves the mitochondrial network necessary for replication via microRNA-dependent inhibition of fission. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 1071-1089	7.3	67
31	A systematic analysis of the RNA-targeting potential of secreted bacterial effector proteins. <i>Scientific Reports</i> , <b>2017</b> , 7, 9328	4.9	15
30	Analysis of host microRNA function uncovers a role for miR-29b-2-5p in Shigella capture by filopodia. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006327	7.6	13
29	MicroRNA Screening and the Quest for Biologically Relevant Targets. <i>Journal of Biomolecular Screening</i> , <b>2015</b> , 20, 1003-17		22
28	MicroRNAs in the interaction between host and bacterial pathogens. <i>FEBS Letters</i> , <b>2014</b> , 588, 4140-7	3.8	113
27	Functional high-throughput screening identifies the miR-15 microRNA family as cellular restriction factors for Salmonella infection. <i>Nature Communications</i> , <b>2014</b> , 5, 4718	17.4	82
26	The interactions of GW182 proteins with PABP and deadenylases are required for both translational repression and degradation of miRNA targets. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 978-94	20.1	87
25	Functional screening identifies miRNAs inducing cardiac regeneration. <i>Nature</i> , <b>2012</b> , 492, 376-81	50.4	724

24	Terminal differentiation of cardiac and skeletal myocytes induces permissivity to AAV transduction by relieving inhibition imposed by DNA damage response proteins. <i>Molecular Therapy</i> , <b>2012</b> , 20, 2087-97	11.7	51
23	The mammalian microRNA response to bacterial infections. <i>RNA Biology</i> , <b>2012</b> , 9, 742-50	4.8	150
22	Analysis of the host microRNA response to Salmonella uncovers the control of major cytokines by the let-7 family. <i>EMBO Journal</i> , <b>2011</b> , 30, 1977-89	13	226
21	A candidate approach implicates the secreted Salmonella effector protein SpvB in P-body disassembly. <i>PLoS ONE</i> , <b>2011</b> , 6, e17296	3.7	17
20	Analysis of A to I editing of miRNA in macrophages exposed to Salmonella. <i>RNA Biology</i> , <b>2010</b> , 7, 621-7	4.8	10
19	The RRM domain in GW182 proteins contributes to miRNA-mediated gene silencing. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, 2974-83	20.1	43
18	A C-terminal silencing domain in GW182 is essential for miRNA function. <i>Rna</i> , <b>2009</b> , 15, 1067-77	5.8	91
17	The GW182 protein family in animal cells: new insights into domains required for miRNA-mediated gene silencing. <i>Rna</i> , <b>2009</b> , 15, 1433-42	5.8	152
16	Structural basis for the mutually exclusive anchoring of P body components EDC3 and Tral to the DEAD box protein DDX6/Me31B. <i>Molecular Cell</i> , <b>2009</b> , 33, 661-8	17.6	93
15	Deadenylation is a widespread effect of miRNA regulation. <i>Rna</i> , <b>2009</b> , 15, 21-32	5.8	311
14	GW182 interaction with Argonaute is essential for miRNA-mediated translational repression and mRNA decay. <i>Nature Structural and Molecular Biology</i> , <b>2008</b> , 15, 346-53	17.6	314
13	African swine fever virus p10 protein exhibits nuclear import capacity and accumulates in the nucleus during viral infection. <i>Veterinary Microbiology</i> , <b>2008</b> , 130, 47-59	3.3	6
12	Getting to the root of miRNA-mediated gene silencing. <i>Cell</i> , <b>2008</b> , 132, 9-14	56.2	811
11	The C-terminal region of Ge-1 presents conserved structural features required for P-body localization. <i>Rna</i> , <b>2008</b> , 14, 1991-8	5.8	23
10	Similar modes of interaction enable Trailer Hitch and EDC3 to associate with DCP1 and Me31B in distinct protein complexes. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 6695-708	4.8	60
9	P-body formation is a consequence, not the cause, of RNA-mediated gene silencing. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 3970-81	4.8	511
8	P bodies: at the crossroads of post-transcriptional pathways. <i>Nature Reviews Molecular Cell Biology</i> , <b>2007</b> , 8, 9-22	48.7	751
7	Target-specific requirements for enhancers of decapping in miRNA-mediated gene silencing. <i>Genes and Development</i> , <b>2007</b> , 21, 2558-70	12.6	230

6	A divergent Sm fold in EDC3 proteins mediates DCP1 binding and P-body targeting. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 8600-11	4.8	55
5	African swine fever virus p37 structural protein is localized in nuclear foci containing the viral DNA at early post-infection times. <i>Virus Research</i> , <b>2007</b> , 130, 18-27	6.4	11
4	Nuclear export of African swine fever virus p37 protein occurs through two distinct pathways and is mediated by three independent signals. <i>Journal of Virology</i> , <b>2006</b> , 80, 1393-404	6.6	17
3	Two African swine fever virus proteins derived from a common precursor exhibit different nucleocytoplasmic transport activities. <i>Journal of Virology</i> , <b>2004</b> , 78, 9731-9	6.6	11
2	Fluorescent probes for monitoring virus fusion kinetics: comparative evaluation of reliability. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2002</b> , 1561, 65-75	3.8	17
1	Multifaceted Roles of MicroRNAs in Host-Bacterial Pathogen Interaction247-266		