

Manuel Ascano

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

7,432
citations

257450

24
h-index

315739

38
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all docs

44
docs citations

44
times ranked

11362
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome-wide Identification of RNA-Binding Protein and MicroRNA Target Sites by PAR-CLIP. <i>Cell</i> , 2010, 141, 129-141.	28.9	2,604
2	Cyclic [G(2â€²,5â€²) pA(3â€²,5â€²) p] Is the Metazoan Second Messenger Produced by DNA-Activated Cyclic GMP-AMP Synthase. <i>Cell</i> , 2013, 153, 1094-1107.	28.9	795
3	FMRP targets distinct mRNA sequence elements to regulate protein expression. <i>Nature</i> , 2012, 492, 382-386.	27.8	656
4	Integrative Regulatory Mapping Indicates that the RNA-Binding Protein HuR Couples Pre-mRNA Processing and mRNA Stability. <i>Molecular Cell</i> , 2011, 43, 327-339.	9.7	605
5	Structure-Function Analysis of STING Activation by c[G(2â€²,5â€²) pA(3â€²,5â€²) p] and Targeting by Antiviral DMXAA. <i>Cell</i> , 2013, 154, 748-762.	28.9	472
6	Endosomolytic polymersomes increase the activity of cyclic dinucleotide STING agonists to enhance cancer immunotherapy. <i>Nature Nanotechnology</i> , 2019, 14, 269-278.	31.5	406
7	PAR-CLIP - A Method to Identify Transcriptome-wide the Binding Sites of RNA Binding Proteins. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	220
8	Small molecule inhibition of cGAS reduces interferon expression in primary macrophages from autoimmune mice. <i>Nature Communications</i> , 2017, 8, 750.	12.8	202
9	Identification of RNAâ€“protein interaction networks using PARâ€“CLIP. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 159-177.	6.4	192
10	Evolutionary Conservation and Expression of Human RNA-Binding Proteins and Their Role in Human Genetic Disease. <i>Advances in Experimental Medicine and Biology</i> , 2014, 825, 1-55.	1.6	119
11	Identification of a Functional Interaction between the Transmembrane Protein Smoothed and the Kinesin-Related Protein Costal2. <i>Current Biology</i> , 2003, 13, 1998-2003.	3.9	109
12	Regulation of Hedgehog signaling: a complex story. <i>Biochemical Pharmacology</i> , 2004, 67, 805-814.	4.4	103
13	Eukaryote-Specific Insertion Elements Control Human ARGONAUTE Slicer Activity. <i>Cell Reports</i> , 2013, 3, 1893-1900.	6.4	91
14	PAR-CLIP (Photoactivatable Ribonucleoside-Enhanced Crosslinking and Immunoprecipitation). <i>Methods in Enzymology</i> , 2014, 539, 113-161.	1.0	90
15	Binding-Pocket and Lid-Region Substitutions Render Human STING Sensitive to the Species-Specific Drug DMXAA. <i>Cell Reports</i> , 2014, 8, 1668-1676.	6.4	87
16	Discovery of Widespread Host Protein Interactions with the Pre-replicated Genome of CHIKV Using VIR-CLASP. <i>Molecular Cell</i> , 2020, 78, 624-640.e7.	9.7	64
17	Multimeric assembly and biochemical characterization of the Traxâ€“translin endonuclease complex. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 658-664.	8.2	60
18	Multi-disciplinary methods to define RNAâ€“protein interactions and regulatory networks. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 20-28.	3.3	49

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19	Augmented noncanonical BMP type II receptor signaling mediates the synaptic abnormality of fragile X syndrome. <i>Science Signaling</i> , 2016, 9, ra58.	3.6	49
20	The Carboxyl-Terminal Domain of the Protein Kinase Fused Can Function as a Dominant Inhibitor of Hedgehog Signaling. <i>Molecular and Cellular Biology</i> , 2002, 22, 1555-1566.	2.3	45
21	Costal2 Functions as a Kinesin-like Protein in the Hedgehog Signal Transduction Pathway. <i>Current Biology</i> , 2008, 18, 1215-1220.	3.9	43
22	The Full-length Unprocessed Hedgehog Protein Is an Active Signaling Molecule. <i>Journal of Biological Chemistry</i> , 2010, 285, 2562-2568.	3.4	42
23	Dual roles for the ER membrane protein complex in flavivirus infection: viral entry and protein biogenesis. <i>Scientific Reports</i> , 2019, 9, 9711.	3.3	42
24	ELAVL1 primarily couples mRNA stability with the 3' UTRs of interferon-stimulated genes. <i>Cell Reports</i> , 2021, 35, 109178.	6.4	37
25	The Kinesin-related Protein Costal2 Associates with Membranes in a Hedgehog-sensitive, Smoothed-independent Manner. <i>Journal of Biological Chemistry</i> , 2004, 279, 7064-7071.	3.4	35
26	Enhancer of Rudimentary Homolog Affects the Replication Stress Response through Regulation of RNA Processing. <i>Molecular and Cellular Biology</i> , 2015, 35, 2979-2990.	2.3	26
27	An Intramolecular Association between Two Domains of the Protein Kinase Fused Is Necessary for Hedgehog Signaling. <i>Molecular and Cellular Biology</i> , 2004, 24, 10397-10405.	2.3	25
28	Small molecule inhibition of human cGAS reduces total cGAMP output and cytokine expression in cells. <i>Scientific Reports</i> , 2020, 10, 7604.	3.3	21
29	A novel computational biostatistics approach implies impaired dephosphorylation of growth factor receptors as associated with severity of autism. <i>Translational Psychiatry</i> , 2014, 4, e354-e354.	4.8	20
30	Smoothed Regulates Activator and Repressor Functions of Hedgehog Signaling via Two Distinct Mechanisms. <i>Journal of Biological Chemistry</i> , 2006, 281, 7237-7243.	3.4	18
31	New insights in the mechanism of microRNA-mediated target repression. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1181-1182.	8.2	18
32	Conditions for Vigorous Growth on Sulfide and Reactor-Scale Cultivation Protocols for the Thermophilic Green Sulfur Bacterium <i>Chlorobium tepidum</i> . <i>Applied and Environmental Microbiology</i> , 1999, 65, 301-306.	3.1	18
33	Pharmacological Activation of cGAS for Cancer Immunotherapy. <i>Frontiers in Immunology</i> , 2021, 12, 753472.	4.8	13
34	Viral crosslinking and solid-phase purification enables discovery of ribonucleoprotein complexes on incoming RNA virus genomes. <i>Nature Protocols</i> , 2021, 16, 516-531.	12.0	12
35	A Quantification of Pathway Components Supports a Novel Model of Hedgehog Signal Transduction. <i>Journal of Biological Chemistry</i> , 2009, 284, 28874-28884.	3.4	11
36	RNA Binding Proteins as Pioneer Determinants of Infection: Protective, Proviral, or Both?. <i>Viruses</i> , 2021, 13, 2172.	3.3	11

#	ARTICLE	IF	CITATIONS
37	G3BP1 enhances cytoplasmic DNA pattern recognition. Nature Immunology, 2019, 20, 5-7.	14.5	7
38	Fused. The AFCS-nature Molecule Pages, 0, , .	0.2	0
39	Abstract B030: Structure-function studies of cytosolic DNA sensing pathway. , 2016, , .		0