

Constance Ciaudo

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,354
citations

331670

21
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

6114
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivesicular bodies associate with components of miRNA effector complexes and modulate miRNA activity. <i>Nature Cell Biology</i> , 2009, 11, 1143-1149.	10.3	915
2	Antiviral RNA Interference in Mammalian Cells. <i>Science</i> , 2013, 342, 235-238.	12.6	344
3	A Role for RNAi in the Selective Correction of DNA Methylation Defects. <i>Science</i> , 2009, 323, 1600-1604.	12.6	338
4	LINE-1 Activity in Facultative Heterochromatin Formation during X Chromosome Inactivation. <i>Cell</i> , 2010, 141, 956-969.	28.9	296
5	<i>Tsix</i> transcription across the <i>Xist</i> gene alters chromatin conformation without affecting <i>Xist</i> transcription: implications for X-chromosome inactivation. <i>Genes and Development</i> , 2005, 19, 1474-1484.	5.9	162
6	Covalent linkage of the DNA repair template to the CRISPR-Cas9 nuclease enhances homology-directed repair. <i>ELife</i> , 2018, 7, .	6.0	127
7	A Small-Molecule Inhibitor of Lin28. <i>ACS Chemical Biology</i> , 2016, 11, 2773-2781.	3.4	121
8	Comparative analysis of differential gene expression tools for RNA sequencing time course data. <i>Briefings in Bioinformatics</i> , 2019, 20, 288-298.	6.5	93
9	ncPRO-seq: a tool for annotation and profiling of ncRNAs in sRNA-seq data. <i>Bioinformatics</i> , 2012, 28, 3147-3149.	4.1	91
10	Naive and primed murine pluripotent stem cells have distinct miRNA expression profiles. <i>Rna</i> , 2012, 18, 253-264.	3.5	84
11	Dynamics in Transcriptomics: Advancements in RNA-seq Time Course and Downstream Analysis. <i>Computational and Structural Biotechnology Journal</i> , 2015, 13, 469-477.	4.1	74
12	Highly Dynamic and Sex-Specific Expression of microRNAs During Early ES Cell Differentiation. <i>PLoS Genetics</i> , 2009, 5, e1000620.	3.5	73
13	The Intestinal Microbiota Interferes with the microRNA Response upon Oral <i>Listeria</i> Infection. <i>MBio</i> , 2013, 4, e00707-13.	4.1	72
14	Argonaute Proteins: From Structure to Function in Development and Pathological Cell Fate Determination. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 360.	3.7	69
15	Nuclear mRNA Degradation Pathway(s) Are Implicated in Xist Regulation and X Chromosome Inactivation. <i>PLoS Genetics</i> , 2006, 2, e94.	3.5	50
16	Noncanonical function of DGCR8 controls mESC exit from pluripotency. <i>Journal of Cell Biology</i> , 2017, 216, 355-366.	5.2	38
17	RNAi-Dependent and Independent Control of LINE1 Accumulation and Mobility in Mouse Embryonic Stem Cells. <i>PLoS Genetics</i> , 2013, 9, e1003791.	3.5	37
18	<i>Dicer</i> , a new regulator of pluripotency exit and LINE1 elements in mouse embryonic stem cells. <i>FEBS Open Bio</i> , 2017, 7, 204-220.	2.3	37

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19	The Lin28/let-7 axis is critical for myelination in the peripheral nervous system. <i>Nature Communications</i> , 2015, 6, 8584.	12.8	36
20	Embryonic stem cell-specific microRNAs contribute to pluripotency by inhibiting regulators of multiple differentiation pathways. <i>Nucleic Acids Research</i> , 2014, 42, 9313-9326.	14.5	32
21	Argonaute 2 Is Required for Extra-embryonic Endoderm Differentiation of Mouse Embryonic Stem Cells. <i>Stem Cell Reports</i> , 2018, 10, 461-476.	4.8	32
22	Deep-Sequencing Protocols Influence the Results Obtained in Small-RNA Sequencing. <i>PLoS ONE</i> , 2012, 7, e32724.	2.5	31
23	Translation is required for miRNA-dependent decay of endogenous transcripts. <i>EMBO Journal</i> , 2021, 40, e104569.	7.8	22
24	Generation of a Knockout Mouse Embryonic Stem Cell Line Using a Paired CRISPR/Cas9 Genome Engineering Tool. <i>Methods in Molecular Biology</i> , 2015, 1341, 321-343.	0.9	20
25	Regulation of LINE-1 in mammals. <i>Biomolecular Concepts</i> , 2014, 5, 409-428.	2.2	17
26	The Role of RNA Interference in Stem Cell Biology: Beyond the Mutant Phenotypes. <i>Journal of Molecular Biology</i> , 2017, 429, 1532-1543.	4.2	17
27	Prediction of the miRNA interactome – Established methods and upcoming perspectives. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 548-557.	4.1	15
28	girafe – an R/Bioconductor package for functional exploration of aligned next-generation sequencing reads. <i>Bioinformatics</i> , 2010, 26, 2902-2903.	4.1	12
29	Monitoring Long Interspersed Nuclear Element 1 Expression During Mouse Embryonic Stem Cell Differentiation. <i>Methods in Molecular Biology</i> , 2016, 1400, 237-259.	0.9	12
30	A SAGE approach to identifying novel <i>trans</i> -acting factors involved in the X inactivation process. <i>Cytogenetic and Genome Research</i> , 2006, 113, 325-335.	1.1	9
31	An RNA tool kit to study the status of mouse ES cells: Sex determination and stemness. <i>Methods</i> , 2013, 63, 85-92.	3.8	9
32	AGO1 regulates pericentromeric regions in mouse embryonic stem cells. <i>Life Science Alliance</i> , 2022, 5, e202101277.	2.8	9
33	Fast In Vitro Procedure to Identify Extraembryonic Differentiation Defect of Mouse Embryonic Stem Cells. <i>STAR Protocols</i> , 2020, 1, 100127.	1.2	8
34	LINE-1 Activity in Facultative Heterochromatin Formation during X Chromosome Inactivation. <i>Cell</i> , 2016, 166, 782.	28.9	5
35	Versatility of DGCR8 controls stem cell fate. <i>Cell Cycle</i> , 2017, 16, 729-730.	2.6	5
36	Vector Integration Sites Identification for Gene-Trap Screening in Mammalian Haploid Cells. <i>Scientific Reports</i> , 2017, 7, 44736.	3.3	5

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37	3D Synthetic Microstructures Fabricated by Two-Photon Polymerization Promote Homogeneous Expression of NANOG and ESRRB in Mouse Embryonic Stem Cells. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001964.	3.7	4
38	Regulation of LINE-1 Elements by miR-128 Is Not Conserved in Mouse Embryonic Stem Cells. <i>Frontiers in Genetics</i> , 2018, 9, 683.	2.3	3
39	Inhibition of FGF and TGF- β Pathways in hESCs Identify STOX2 as a Novel SMAD2/4 Cofactor. <i>Biology</i> , 2020, 9, 470.	2.8	3
40	Exit from Pluripotency Assay of Mouse Embryonic Stem Cells. <i>Bio-protocol</i> , 2017, 7, e2507.	0.4	3
41	Argonaute proteins regulate a specific network of genes through KLF4 in mouse embryonic stem cells. <i>Stem Cell Reports</i> , 2022, 17, 1070-1080.	4.8	2
42	Non-canonical functions of the microprocessor. <i>Nature Reviews Molecular Cell Biology</i> , 2021, 22, 372-372.	37.0	1
43	Editorial: The RNA Revolution in Embryonic Development and Cell Differentiation in Health and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 715341.	3.7	1