

Rui Yi

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

7,055
citations

257450
24
h-index

302126
39
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43
all docs

43
docs citations

43
times ranked

8904
citing authors

#	ARTICLE	IF	CITATIONS
1	Exportin-5 mediates the nuclear export of pre-microRNAs and short hairpin RNAs. <i>Genes and Development</i> , 2003, 17, 3011-3016.	5.9	2,377
2	MicroRNAs and small interfering RNAs can inhibit mRNA expression by similar mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9779-9784.	7.1	813
3	A skin microRNA promotes differentiation by repressing "stemness". <i>Nature</i> , 2008, 452, 225-229.	27.8	735
4	Morphogenesis in skin is governed by discrete sets of differentially expressed microRNAs. <i>Nature Genetics</i> , 2006, 38, 356-362.	21.4	518
5	Recognition and cleavage of primary microRNA precursors by the nuclear processing enzyme Drosha. <i>EMBO Journal</i> , 2005, 24, 138-148.	7.8	505
6	Overexpression of Exportin 5 enhances RNA interference mediated by short hairpin RNAs and microRNAs. <i>Rna</i> , 2005, 11, 220-226.	3.5	228
7	DGCR8-dependent microRNA biogenesis is essential for skin development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 498-502.	7.1	217
8	Cell-Type-Specific Chromatin States Differentially Prime Squamous Cell Carcinoma Tumor-Initiating Cells for Epithelial to Mesenchymal Transition. <i>Cell Stem Cell</i> , 2017, 20, 191-204.e5.	11.1	170
9	Signaling Networks among Stem Cell Precursors, Transit-Amplifying Progenitors, and their Niche in Developing Hair Follicles. <i>Cell Reports</i> , 2016, 14, 3001-3018.	6.4	160
10	Quantitative functions of Argonaute proteins in mammalian development. <i>Genes and Development</i> , 2012, 26, 693-704.	5.9	153
11	MicroRNA-205 controls neonatal expansion of skin stem cells by modulating the PI(3)K pathway. <i>Nature Cell Biology</i> , 2013, 15, 1153-1163.	10.3	145
12	Foxc1 reinforces quiescence in self-renewing hair follicle stem cells. <i>Science</i> , 2016, 351, 613-617.	12.6	109
13	MicroRNA-mediated control in the skin. <i>Cell Death and Differentiation</i> , 2010, 17, 229-235.	11.2	97
14	MicroRNAs and their roles in mammalian stem cells. <i>Journal of Cell Science</i> , 2011, 124, 1775-1783.	2.0	93
15	Stem cell quiescence acts as a tumour suppressor in squamous tumours. <i>Nature Cell Biology</i> , 2014, 16, 99-107.	10.3	69
16	The microRNA-200 family coordinately regulates cell adhesion and proliferation in hair morphogenesis. <i>Journal of Cell Biology</i> , 2018, 217, 2185-2204.	5.2	69
17	Rapid and widespread suppression of self-renewal by microRNA-203 during epidermal differentiation. <i>Development (Cambridge)</i> , 2013, 140, 1882-1891.	2.5	65
18	Single Cell and Open Chromatin Analysis Reveals Molecular Origin of Epidermal Cells of the Skin. <i>Developmental Cell</i> , 2018, 47, 21-37.e5.	7.0	56

#	ARTICLE	IF	CITATIONS
19	High-efficiency RNA cloning enables accurate quantification of miRNA expression by deep sequencing. <i>Genome Biology</i> , 2013, 14, R109.	9.6	55
20	The RNase PARN Controls the Levels of Specific miRNAs that Contribute to p53 Regulation. <i>Molecular Cell</i> , 2019, 73, 1204-1216.e4.	9.7	54
21	Concise Review: Mechanisms of Quiescent Hair Follicle Stem Cell Regulation. <i>Stem Cells</i> , 2017, 35, 2323-2330.	3.2	52
22	Genome-wide analysis of Musashi-2 targets reveals novel functions in governing epithelial cell migration. <i>Nucleic Acids Research</i> , 2016, 44, 3788-3800.	14.5	48
23	Genome-wide maps of polyadenylation reveal dynamic mRNA 3' end formation in mammalian cell lineages. <i>Rna</i> , 2013, 19, 413-425.	3.5	46
24	Recruitment of the Crm1 Nuclear Export Factor Is Sufficient To Induce Cytoplasmic Expression of Incompletely Spliced Human Immunodeficiency Virus mRNAs. <i>Journal of Virology</i> , 2002, 76, 2036-2042.	3.4	45
25	Escape of hair follicle stem cells causes stem cell exhaustion during aging. <i>Nature Aging</i> , 2021, 1, 889-903.	11.6	31
26	3' UTRs take a long shot in the brain. <i>BioEssays</i> , 2014, 36, 39-45.	2.5	29
27	XPO5 promotes primary miRNA processing independently of RanGTP. <i>Nature Communications</i> , 2020, 11, 1845.	12.8	21
28	Both Ran and importins have the ability to function as nuclear mRNA export factors. <i>Rna</i> , 2002, 8, 180-187.	3.5	18
29	Integrated analysis of directly captured microRNA targets reveals the impact of microRNAs on mammalian transcriptome. <i>Rna</i> , 2020, 26, 306-323.	3.5	18
30	MicroRNA-203 represses selection and expansion of oncogenic Hras transformed tumor initiating cells. <i>ELife</i> , 2015, 4, .	6.0	17
31	A miR Image of Stem Cells and Their Lineages. <i>Current Topics in Developmental Biology</i> , 2012, 99, 175-199.	2.2	16
32	Not <sc>miR</sc>â€”ly micromanagers: the functions and regulatory networks of microRNAs in mammalian skin. <i>Wiley Interdisciplinary Reviews RNA</i> , 2014, 5, 849-865.	6.4	8
33	Highly Efficient Ligation of Small RNA Molecules for MicroRNA Quantitation by High-Throughput Sequencing. <i>Journal of Visualized Experiments</i> , 2014, , e52095.	0.3	6
34	Is it time to take R(epressive) out of PRC1?. <i>Genes and Development</i> , 2019, 33, 4-5.	5.9	3
35	Transgenic overexpression of the miR-200b/200a/429 cluster inhibits mammary tumor initiation. <i>Translational Oncology</i> , 2021, 14, 101228.	3.7	3
36	The Skin(ny) on Regenerating the Largest Organ to Save a Patientâ€™s Life. <i>Cell Stem Cell</i> , 2018, 22, 14-15.	11.1	2

#	ARTICLE	IF	CITATIONS
37	Inhibition of microRNA turns back the CLOCK of hair follicle aging. Nature Aging, 2021, 1, 753-754.	11.6	2
38	A basalâ€enriched microRNA is required for prostate tumorigenesis in a Pten knockout mouse model. Molecular Carcinogenesis, 2019, 58, 2241-2253.	2.7	1
39	Relax to grow more hair. Nature, 2021, 592, 356-357.	27.8	1
40	Orchestrated Role of microRNAs in Skin Development and Regeneration. Contributions To Management Science, 2018, , 175-196.	0.5	0
41	Cover Image, Volume 58, Issue 12. Molecular Carcinogenesis, 2019, 58, i.	2.7	0