

Katsutomo Okamura

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

5,187
citations

394421

19
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

6496
citing authors

#	ARTICLE	IF	CITATIONS
1	Upregulated Blood miR-150-5p in Alzheimer's Disease Dementia Is Associated with Cognition, Cerebrospinal Fluid Amyloid- β , and Cerebral Atrophy. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 1567-1584.	2.6	2
2	General Recognition of U-G, U-A, and C-G Pairs by Double-Stranded RNA-Binding PNAs Incorporated with an Artificial Nucleobase. <i>Biochemistry</i> , 2019, 58, 1319-1331.	2.5	19
3	Hidden sequence specificity in loading of single-stranded RNAs onto <i>Drosophila</i> Argonautes. <i>Nucleic Acids Research</i> , 2019, 47, 3101-3116.	14.5	8
4	Gateway to Understanding Argonaute Loading of Single-Stranded RNAs: Preparation of Deep Sequencing Libraries with In Vitro Loading Samples. <i>Methods in Molecular Biology</i> , 2018, 1680, 41-63.	0.9	2
5	Importance of miRNA stability and alternative primary miRNA isoforms in gene regulation during <i>Drosophila</i> development. <i>ELife</i> , 2018, 7, .	6.0	33
6	Heterochromatin protein 1a functions for piRNA biogenesis predominantly from pericentric and telomeric regions in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 1735.	12.8	23
7	Switches in Dicer Activity During Oogenesis and Early Development. <i>Results and Problems in Cell Differentiation</i> , 2017, 63, 325-351.	0.7	0
8	The <i>Drosophila</i> Dicer-1 Partner Loquacious Enhances miRNA Processing from Hairpins with Unstable Structures at the Dicing Site. <i>Cell Reports</i> , 2016, 15, 1795-1808.	6.4	22
9	Regulatory sRNAs discovered in unexpected places. <i>Wiley Interdisciplinary Reviews RNA</i> , 2015, 6, 671-686.	6.4	14
10	Adaptive Regulation of Testis Gene Expression and Control of Male Fertility by the <i>Drosophila</i> Hairpin RNA Pathway. <i>Molecular Cell</i> , 2015, 57, 165-178.	9.7	52
11	A deeply conserved, noncanonical miRNA hosted by ribosomal DNA. <i>Rna</i> , 2015, 21, 375-384.	3.5	46
12	Selective Suppression of the Splicing-Mediated MicroRNA Pathway by the Terminal Uridyltransferase Tailor. <i>Molecular Cell</i> , 2015, 59, 217-228.	9.7	58
13	Argonaute-dependent small RNAs derived from single-stranded, non-structured precursors. <i>Frontiers in Genetics</i> , 2014, 5, 172.	2.3	18
14	A Signaling-Induced Switch in Dicer Localization and Function. <i>Developmental Cell</i> , 2014, 31, 523-524.	7.0	2
15	Diversity of miRNAs, siRNAs, and piRNAs across 25 <i>Drosophila</i> cell lines. <i>Genome Research</i> , 2014, 24, 1236-1250.	5.5	66
16	Argonaute Reformatting. <i>Molecular Cell</i> , 2013, 50, 305-306.	9.7	1
17	Functional small RNAs are generated from select miRNA hairpin loops in flies and mammals. <i>Genes and Development</i> , 2013, 27, 778-792.	5.9	57
18	Common and distinct patterns of terminal modifications to mirtrons and canonical microRNAs. <i>Rna</i> , 2012, 18, 177-192.	3.5	64

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19	Diversity of animal small RNA pathways and their biological utility. <i>Wiley Interdisciplinary Reviews RNA</i> , 2012, 3, 351-368.	6.4	53
20	R2D2 Organizes Small Regulatory RNA Pathways in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2011, 31, 884-896.	2.3	57
21	Deep annotation of <i>Drosophila melanogaster</i> microRNAs yields insights into their processing, modification, and emergence. <i>Genome Research</i> , 2011, 21, 203-215.	5.5	207
22	Identification of Functional Elements and Regulatory Circuits by <i>Drosophila</i> modENCODE. <i>Science</i> , 2010, 330, 1787-1797.	12.6	1,124
23	A Deathly DNase Activity for Dicer. <i>Developmental Cell</i> , 2010, 18, 692-694.	7.0	3
24	Distinct Mechanisms for MicroRNA Strand Selection by <i>Drosophila</i> Argonautes. <i>Molecular Cell</i> , 2009, 36, 431-444.	9.7	262
25	The <i>Drosophila</i> hairpin RNA pathway generates endogenous short interfering RNAs. <i>Nature</i> , 2008, 453, 803-806.	27.8	352
26	The regulatory activity of microRNA* species has substantial influence on microRNA and 3' UTR evolution. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 354-363.	8.2	461
27	Two distinct mechanisms generate endogenous siRNAs from bidirectional transcription in <i>Drosophila melanogaster</i> . <i>Nature Structural and Molecular Biology</i> , 2008, 15, 581-590.	8.2	176
28	Endogenous small interfering RNAs in animals. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 673-678.	37.0	340
29	The long and short of inverted repeat genes in animals: MicroRNAs, mirtrons and hairpin RNAs. <i>Cell Cycle</i> , 2008, 7, 2840-2845.	2.6	69
30	The Mirtron Pathway Generates microRNA-Class Regulatory RNAs in <i>Drosophila</i> . <i>Cell</i> , 2007, 130, 89-100.	28.9	879
31	Distinct roles for Argonaute proteins in small RNA-directed RNA cleavage pathways. <i>Genes and Development</i> , 2004, 18, 1655-1666.	5.9	715