Katsutomo Okamura

List of Publications by Year
in descending order

31	5,187	394421 19	477307 29
papers	citations	h-index	g-index

33	33	33	6496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Functional Elements and Regulatory Circuits by Drosophila modENCODE. Science, 2010, 330, 1787-1797.	12.6	1,124
2	The Mirtron Pathway Generates microRNA-Class Regulatory RNAs in Drosophila. Cell, 2007, 130, 89-100.	28.9	879
3	Distinct roles for Argonaute proteins in small RNA-directed RNA cleavage pathways. Genes and Development, 2004, 18, 1655-1666.	5.9	715
4	The regulatory activity of microRNA* species has substantial influence on microRNA and 3â€² UTR evolution. Nature Structural and Molecular Biology, 2008, 15, 354-363.	8.2	461
5	The Drosophila hairpin RNA pathway generates endogenous short interfering RNAs. Nature, 2008, 453, 803-806.	27.8	352
6	Endogenous small interfering RNAs in animals. Nature Reviews Molecular Cell Biology, 2008, 9, 673-678.	37.0	340
7	Distinct Mechanisms for MicroRNA Strand Selection by Drosophila Argonautes. Molecular Cell, 2009, 36, 431-444.	9.7	262
8	Deep annotation of Drosophila melanogaster microRNAs yields insights into their processing, modification, and emergence. Genome Research, 2011, 21, 203-215.	5.5	207
9	Two distinct mechanisms generate endogenous siRNAs from bidirectional transcription in Drosophila melanogaster. Nature Structural and Molecular Biology, 2008, 15, 581-590.	8.2	176
10	The long and short of inverted repeat genes in animals: MicroRNAs, mirtrons and hairpin RNAs. Cell Cycle, 2008, 7, 2840-2845.	2.6	69
11	Diversity of miRNAs, siRNAs, and piRNAs across 25 Drosophila cell lines. Genome Research, 2014, 24, 1236-1250.	5.5	66
12	Common and distinct patterns of terminal modifications to mirtrons and canonical microRNAs. Rna, 2012, 18, 177-192.	3.5	64
13	Selective Suppression of the Splicing-Mediated MicroRNA Pathway by the Terminal Uridyltransferase Tailor. Molecular Cell, 2015, 59, 217-228.	9.7	58
14	R2D2 Organizes Small Regulatory RNA Pathways in Drosophila^{â^‡â€}. Molecular and Cellular Biology, 2011, 31, 884-896.	2.3	57
15	Functional small RNAs are generated from select miRNA hairpin loops in flies and mammals. Genes and Development, 2013, 27, 778-792.	5.9	57
16	Diversity of animal small RNA pathways and their biological utility. Wiley Interdisciplinary Reviews RNA, 2012, 3, 351-368.	6.4	53
17	Adaptive Regulation of Testis Gene Expression and Control of Male Fertility by the Drosophila Hairpin RNA Pathway. Molecular Cell, 2015, 57, 165-178.	9.7	52
18	A deeply conserved, noncanonical miRNA hosted by ribosomal DNA. Rna, 2015, 21, 375-384.	3.5	46

#	Article	IF	Citations
19	Importance of miRNA stability and alternative primary miRNA isoforms in gene regulation during Drosophila development. ELife, 2018, 7, .	6.0	33
20	Heterochromatin protein 1a functions for piRNA biogenesis predominantly from pericentric and telomeric regions in Drosophila. Nature Communications, 2018, 9, 1735.	12.8	23
21	The Drosophila Dicer-1 Partner Loquacious Enhances miRNA Processing from Hairpins with Unstable Structures at the Dicing Site. Cell Reports, 2016, 15, 1795-1808.	6.4	22
22	General Recognition of U-G, U-A, and C-G Pairs by Double-Stranded RNA-Binding PNAs Incorporated with an Artificial Nucleobase. Biochemistry, 2019, 58, 1319-1331.	2.5	19
23	Argonaute-dependent small RNAs derived from single-stranded, non-structured precursors. Frontiers in Genetics, 2014, 5, 172.	2.3	18
24	Regulatory <scp>RNAs</scp> discovered in unexpected places. Wiley Interdisciplinary Reviews RNA, 2015, 6, 671-686.	6.4	14
25	Hidden sequence specificity in loading of single-stranded RNAs ontoDrosophilaArgonautes. Nucleic Acids Research, 2019, 47, 3101-3116.	14.5	8
26	A Deathly DNase Activity for Dicer. Developmental Cell, 2010, 18, 692-694.	7.0	3
27	A Signaling-Induced Switch in Dicer Localization and Function. Developmental Cell, 2014, 31, 523-524.	7.0	2
28	Gateway to Understanding Argonaute Loading of Single-Stranded RNAs: Preparation of Deep Sequencing Libraries with InÂVitro Loading Samples. Methods in Molecular Biology, 2018, 1680, 41-63.	0.9	2
29	Upregulated Blood miR-150-5p in Alzheimerâ€™s Disease Dementia Is Associated with Cognition, Cerebrospinal Fluid Amyloid-Î², and Cerebral Atrophy. Journal of Alzheimer's Disease, 2022, 88, 1567-1584.	2.6	2
30	Argonaute Reformatting. Molecular Cell, 2013, 50, 305-306.	9.7	1
31	Switches in Dicer Activity During Oogenesis and Early Development. Results and Problems in Cell Differentiation, 2017, 63, 325-351.	0.7	0