Kuniaki Saito

List of Publications by Year
in descending order

33	5,425	236612 25	414034 32
papers	citations	h-index	g-index

37	37	37	4504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The fifth Japanese meeting on biological function and evolution through interactions between hosts and transposable elements. Mobile DNA, 2022, 13, 3.	1.3	1
2	Amelioration of a neurodevelopmental disorder by carbamazepine in a case having a gain-of-function GRIA3 variant. Human Genetics, 2022, 141, 283-293.	1.8	6
3	Yorkie drives supercompetition by non-autonomous induction of autophagy via bantam microRNA in Drosophila. Current Biology, 2022, 32, 1064-1076.e4.	1.8	8
4	Hamster PIWI proteins bind to piRNAs with stage-specific size variations during oocyte maturation. Nucleic Acids Research, 2021, 49, 2700-2720.	6.5	26
5	Large-Scale Transgenic Drosophila Resource Collections for Loss- and Gain-of-Function Studies. Genetics, 2020, 214, 755-767.	1.2	81
6	Crystal structure of Drosophila Piwi. Nature Communications, 2020, 11, 858.	5.8	42
7	Tango knock-ins visualize endogenous activity of G protein-coupled receptors in Drosophila. Journal of Neurogenetics, 2019, 33, 44-51.	0.6	8
8	TE studies in Japan: the fourth Japanese meeting on hostâ€“transposon interactions. Mobile DNA, 2019, 10, 11.	1.3	4
9	Nuclear RNA export factor variant initiates piRNAâ€guided coâ€transcriptional silencing. EMBO Journal, 2019, 38, e102870.	3.5	57
10	Tbx6 Induces Nascent Mesoderm from Pluripotent Stem Cells and Temporally Controls Cardiac versus Somite Lineage Diversification. Cell Stem Cell, 2018, 23, 382-395.e5.	5.2	53
11	Inheritance of a Nuclear PIWI from Pluripotent Stem Cells by Somatic Descendants Ensures Differentiation by Silencing Transposons in Planarian. Developmental Cell, 2016, 37, 226-237.	3.1	71
12	Piwi Modulates Chromatin Accessibility by Regulating Multiple Factors Including Histone H1 to Repress Transposons. Molecular Cell, 2016, 63, 408-419.	4.5	110
13	Yb Integrates piRNA Intermediates and Processing Factors into Perinuclear Bodies to Enhance piRISC Assembly. Cell Reports, 2014, 8, 103-113.	2.9	62
14	Small RNA profiling and characterization of piRNA clusters in the adult testes of the common marmoset, a model primate. Rna, 2014, 20, 1223-1237.	1.6	80
15	DmGTSF1 is necessary for Piwiâ€“piRISC-mediated transcriptional transposon silencing in the Drosophila ovary. Genes and Development, 2013, 27, 1656-1661.	2.7	122
16	The epigenetic regulation of transposable elements by PIWI-interacting RNAs in <i>Drosophila</i>. Genes and Genetic Systems, 2013, 88, 9-17.	0.2	30
17	Structure and function of Zucchini endoribonuclease in piRNA biogenesis. Nature, 2012, 491, 284-287.	13.7	298
18	Microtubule association of a neuronal RNA-binding protein HuD through its binding to the light chain of MAP1B. Biochimie, 2011, 93, 817-822.	1.3	15

#	Article	IF	Citations
19	Roles for the Yb body components Armitage and Yb in primary piRNA biogenesis in Drosophila. Genes and Development, 2010, 24, 2493-2498.	2.7	261
20	Small RNA-Mediated Quiescence of Transposable Elements in Animals. Developmental Cell, 2010, 19, 687-697.	3.1	156
21	The Key Features of RNA Silencing. , 2010, , 1-28.		0
22	Endo-siRNAs depend on a new isoform of loquacious and target artificially introduced, high-copy sequences. EMBO Journal, 2009, 28, 2932-2944.	3.5	89
23	A regulatory circuit for piwi by the large Maf gene traffic jam in Drosophila. Nature, 2009, 461, 1296-1299.	13.7	387
24	A microRNA regulatory mechanism of osteoblast differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20794-20799.	3.3	273
25	Drosophila endogenous small RNAs bind to Argonauteâ€‰2 in somatic cells. Nature, 2008, 453, 793-797.	13.7	417
26	How selfish retrotransposons are silenced in Drosophila germline and somatic cells. FEBS Letters, 2008, 582, 2473-2478.	1.3	44
27	Pimet, the Drosophila homolog of HEN1, mediates 2â€²-O-methylation of Piwi- interacting RNAs at their 3â€² ends. Genes and Development, 2007, 21, 1603-1608.	2.7	400
28	Gene silencing mechanisms mediated by Aubergineâ€“piRNA complexes in Drosophila male gonad. Rna, 2007, 13, 1911-1922.	1.6	245
29	A Slicer-Mediated Mechanism for Repeat-Associated siRNA 5' End Formation in Drosophila. Science, 2007, 315, 1587-1590.	6.0	1,065
30	Specific association of Piwi with rasiRNAs derived from retrotransposon and heterochromatic regions in the Drosophila genome. Genes and Development, 2006, 20, 2214-2222.	2.7	566
31	Processing of Pre-microRNAs by the Dicer-1â€“Loquacious Complex in Drosophila Cells. PLoS Biology, 2005, 3, e235.	2.6	352
32	TAP/NXF1, the primary mRNA export receptor, specifically interacts with a neuronal RNA-binding protein HuD. Biochemical and Biophysical Research Communications, 2004, 321, 291-297.	1.0	26
33	Complex formation of the neuron-specific ELAV-like Hu RNA-binding proteins. Nucleic Acids Research, 2002, 30, 4519-4526.	6.5	60