

Kaoru Sato

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,584
citations

686830

13
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

2488
citing authors

#	ARTICLE	IF	CITATIONS
1	PIWI-interacting small RNAs: the vanguard of genome defence. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 246-258.	16.1	1,114
2	Maelstrom coordinates microtubule organization during <i>Drosophila</i> oogenesis through interaction with components of the MTOC. <i>Genes and Development</i> , 2011, 25, 2361-2373.	2.7	65
3	Krimper Enforces an Antisense Bias on piRNA Pools by Binding AGO3 in the <i>Drosophila</i> Germline. <i>Molecular Cell</i> , 2015, 59, 553-563.	4.5	61
4	The piRNA pathway in <i>Drosophila</i> ovarian germ and somatic cells. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2020, 96, 32-42.	1.6	50
5	Piwi-interacting RNAs: biological functions and biogenesis. <i>Essays in Biochemistry</i> , 2013, 54, 39-52.	2.1	37
6	Crystal Structure and Activity of the Endoribonuclease Domain of the piRNA Pathway Factor Maelstrom. <i>Cell Reports</i> , 2015, 11, 366-375.	2.9	36
7	Essential roles of Winder and nuclear monoubiquitination of Eggless/SETDB1 in transposon silencing. <i>EMBO Reports</i> , 2019, 20, e48296.	2.0	34
8	Gender-Specific Hierarchy in Nuage Localization of PIWI-Interacting RNA Factors in <i>Drosophila</i> . <i>Frontiers in Genetics</i> , 2011, 2, 55.	1.1	33
9	Loss of <i>l(3)mbt</i> leads to acquisition of the ping-pong cycle in <i>Drosophila</i> ovarian somatic cells. <i>Genes and Development</i> , 2016, 30, 1617-1622.	2.7	30
10	The Mi-2 nucleosome remodeler and the Rpd3 histone deacetylase are involved in piRNA-guided heterochromatin formation. <i>Nature Communications</i> , 2020, 11, 2818.	5.8	30
11	Functional and structural insights into the piRNA factor Maelstrom. <i>FEBS Letters</i> , 2015, 589, 1688-1693.	1.3	25
12	Two distinct transcriptional controls triggered by nuclear Piwi-piRISCs in the <i>Drosophila</i> piRNA pathway. <i>Current Opinion in Structural Biology</i> , 2018, 53, 69-76.	2.6	20
13	Piwi suppresses transcription of Brahma-dependent transposons via Maelstrom in ovarian somatic cells. <i>Science Advances</i> , 2020, 6, .	4.7	18
14	Tudor-domain containing proteins act to make the piRNA pathways more robust in <i>Drosophila</i> . <i>Fly</i> , 2015, 9, 86-90.	0.9	13
15	Is canalization more than just a beautiful idea?. <i>Genome Biology</i> , 2010, 11, 109.	13.9	12
16	Transcriptional and Post-Transcriptional Regulations of Amyloid- β^2 Precursor Protein (APP) mRNA. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	5
17	PIWI Proteins and Their Slicer Activity in piRNA Biogenesis and Transposon Silencing. <i>The Enzymes</i> , 2012, 32, 137-162.	0.7	1