

Ildar V Gainetdinov

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,713
citations

623734

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888059

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docs citations

23
times ranked

2160
citing authors

#	ARTICLE	IF	CITATIONS
1	GTSF1 accelerates target RNA cleavage by PIWI-clade Argonaute proteins. <i>Nature</i> , 2022, 608, 618-625.	27.8	24
2	Terminal modification, sequence, length, and PIWI-protein identity determine piRNA stability. <i>Molecular Cell</i> , 2021, 81, 4826-4842.e8.	9.7	27
3	Evolutionarily conserved pachytene piRNA loci are highly divergent among modern humans. <i>Nature Ecology and Evolution</i> , 2020, 4, 156-168.	7.8	58
4	<i>Thermus thermophilus</i> Argonaute Functions in the Completion of DNA Replication. <i>Cell</i> , 2020, 182, 1545-1559.e18.	28.9	78
5	The evolutionarily conserved piRNA-producing locus pi6 is required for male mouse fertility. <i>Nature Genetics</i> , 2020, 52, 728-739.	21.4	96
6	The RNA-Binding ATPase, Armitage, Couples piRNA Amplification in Nuage to Phased piRNA Production on Mitochondria. <i>Molecular Cell</i> , 2019, 74, 982-995.e6.	9.7	65
7	A Compact, High-Accuracy Cas9 with a Dinucleotide PAM for In Vivo Genome Editing. <i>Molecular Cell</i> , 2019, 73, 714-726.e4.	9.7	194
8	PIWI-interacting RNAs: small RNAs with big functions. <i>Nature Reviews Genetics</i> , 2019, 20, 89-108.	16.3	779
9	Maelstrom Represses Canonical Polymerase II Transcription within Bi-directional piRNA Clusters in <i>Drosophila melanogaster</i> . <i>Molecular Cell</i> , 2019, 73, 291-303.e6.	9.7	33
10	Potent Cas9 Inhibition in Bacterial and Human Cells by AcrIIC4 and AcrIIC5 Anti-CRISPR Proteins. <i>MBio</i> , 2018, 9, .	4.1	80
11	A Single Mechanism of Biogenesis, Initiated and Directed by PIWI Proteins, Explains piRNA Production in Most Animals. <i>Molecular Cell</i> , 2018, 71, 775-790.e5.	9.7	159
12	Assessment of piRNA biogenesis and function in testicular germ cell tumors and their precursor germ cell neoplasia in situ. <i>BMC Cancer</i> , 2018, 18, 20.	2.6	17
13	Two modes of targeting transposable elements by piRNA pathway in human testis. <i>Rna</i> , 2017, 23, 1614-1625.	3.5	36
14	Hypomethylation of human-specific family of LINE-1 retrotransposons in circulating DNA of lung cancer patients. <i>Lung Cancer</i> , 2016, 99, 127-130.	2.0	24
15	Intragenic Locus in Human PIWIL2 Gene Shares Promoter and Enhancer Functions. <i>PLoS ONE</i> , 2016, 11, e0156454.	2.5	4
16	Distinguishing epigenetic features of preneoplastic testis tissues adjacent to seminomas and nonseminomas. <i>Oncotarget</i> , 2016, 7, 22439-22447.	1.8	11
17	Expression Profiles of PIWIL2 Short Isoforms Differ in Testicular Germ Cell Tumors of Various Differentiation Subtypes. <i>PLoS ONE</i> , 2014, 9, e112528.	2.5	19