

Weikun Xia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/383059/publications.pdf>

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11
papers

1,467
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

2274
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary epigenomic analyses in mammalian early embryos reveal species-specific innovations and conserved principles of imprinting. <i>Science Advances</i> , 2021, 7, eabi6178.	10.3	42
2	Methylome inheritance and enhancer dememorization reset an epigenetic gate safeguarding embryonic programs. <i>Science Advances</i> , 2021, 7, eabl3858.	10.3	12
3	Rebooting the Epigenomes during Mammalian Early Embryogenesis. <i>Stem Cell Reports</i> , 2020, 15, 1158-1175.	4.8	52
4	Imprecise DNMT1 activity coupled with neighbor-guided correction enables robust yet flexible epigenetic inheritance. <i>Nature Genetics</i> , 2020, 52, 828-839.	21.4	69
5	The landscape of RNA Pol II binding reveals a stepwise transition during ZGA. <i>Nature</i> , 2020, 587, 139-144.	27.8	71
6	Analysis of Genome Architecture during SCNT Reveals a Role of Cohesin in Impeding Minor ZGA. <i>Molecular Cell</i> , 2020, 79, 234-250.e9.	9.7	39
7	Resetting histone modifications during human parental-to-zygotic transition. <i>Science</i> , 2019, 365, 353-360.	12.6	170
8	SETD2 regulates the maternal epigenome, genomic imprinting and embryonic development. <i>Nature Genetics</i> , 2019, 51, 844-856.	21.4	207
9	Dynamic epigenomic landscapes during early lineage specification in mouse embryos. <i>Nature Genetics</i> , 2018, 50, 96-105.	21.4	164
10	Isoform Switch of TET1 Regulates DNA Demethylation and Mouse Development. <i>Molecular Cell</i> , 2016, 64, 1062-1073.	9.7	91
11	The landscape of accessible chromatin in mammalian preimplantation embryos. <i>Nature</i> , 2016, 534, 652-657.	27.8	550