

# Tyrone Ryba

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

4,858  
citations

471061

17  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

8534  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative encyclopedia of DNA elements in the mouse genome. <i>Nature</i> , 2014, 515, 355-364.	13.7	1,444
2	Topologically associating domains are stable units of replication-timing regulation. <i>Nature</i> , 2014, 515, 402-405.	13.7	779
3	Evolutionarily conserved replication timing profiles predict long-range chromatin interactions and distinguish closely related cell types. <i>Genome Research</i> , 2010, 20, 761-770.	2.4	526
4	Global Reorganization of Replication Domains During Embryonic Stem Cell Differentiation. <i>PLoS Biology</i> , 2008, 6, e245.	2.6	496
5	An encyclopedia of mouse DNA elements (Mouse ENCODE). <i>Genome Biology</i> , 2012, 13, 418.	13.9	410
6	Genome-wide dynamics of replication timing revealed by in vitro models of mouse embryogenesis. <i>Genome Research</i> , 2010, 20, 155-169.	2.4	287
7	Independence of Repressive Histone Marks and Chromatin Compaction during Senescent Heterochromatic Layer Formation. <i>Molecular Cell</i> , 2012, 47, 203-214.	4.5	258
8	C9a selectively represses a class of late-replicating genes at the nuclear periphery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19363-19368.	3.3	134
9	Genome-scale analysis of replication timing: from bench to bioinformatics. <i>Nature Protocols</i> , 2011, 6, 870-895.	5.5	110
10	Abnormal developmental control of replication-timing domains in pediatric acute lymphoblastic leukemia. <i>Genome Research</i> , 2012, 22, 1833-1844.	2.4	89
11	ReplicationDomain: a visualization tool and comparative database for genome-wide replication timing data. <i>BMC Bioinformatics</i> , 2008, 9, 530.	1.2	80
12	Replication Timing: A Fingerprint for Cell Identity and Pluripotency. <i>PLoS Computational Biology</i> , 2011, 7, e1002225.	1.5	78
13	Chromatin-interaction compartment switch at developmentally regulated chromosomal domains reveals an unusual principle of chromatin folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12574-12579.	3.3	59
14	Replication-timing boundaries facilitate cell-type and species-specific regulation of a rearranged human chromosome in mouse. <i>Human Molecular Genetics</i> , 2012, 21, 4162-4170.	1.4	35
15	Murine esBAF chromatin remodeling complex subunits BAF250a and Brg1 are necessary to maintain and reprogram pluripotency-specific replication timing of select replication domains. <i>Epigenetics and Chromatin</i> , 2013, 6, 42.	1.8	27
16	DNA Replication Timing Is Maintained Genome-Wide in Primary Human Myoblasts Independent of D4Z4 Contraction in FSH Muscular Dystrophy. <i>PLoS ONE</i> , 2011, 6, e27413.	1.1	21
17	Developmental control of replication timing defines a new breed of chromosomal domains with a novel mechanism of chromatin unfolding. <i>Nucleus</i> , 2012, 3, 500-507.	0.6	19
18	The Temporal Order of DNA Replication Shaped by Mammalian DNA Methyltransferases. <i>Cells</i> , 2021, 10, 266.	1.8	6