

Benjamin D Pope

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8065927/publications.pdf>

Version: 2024-02-01

20
papers

3,264
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

7328
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative encyclopedia of DNA elements in the mouse genome. <i>Nature</i> , 2014, 515, 355-364.	27.8	1,444
2	Topologically associating domains are stable units of replication-timing regulation. <i>Nature</i> , 2014, 515, 402-405.	27.8	779
3	Independence of Repressive Histone Marks and Chromatin Compaction during Senescent Heterochromatic Layer Formation. <i>Molecular Cell</i> , 2012, 47, 203-214.	9.7	258
4	Genome-scale analysis of replication timing: from bench to bioinformatics. <i>Nature Protocols</i> , 2011, 6, 870-895.	12.0	110
5	Abnormal developmental control of replication-timing domains in pediatric acute lymphoblastic leukemia. <i>Genome Research</i> , 2012, 22, 1833-1844.	5.5	89
6	Microenvironmental Control of Adipocyte Fate and Function. <i>Trends in Cell Biology</i> , 2016, 26, 745-755.	7.9	87
7	Synchronized stimulation and continuous insulin sensing in a microfluidic human Islet on a Chip designed for scalable manufacturing. <i>Lab on A Chip</i> , 2019, 19, 2993-3010.	6.0	74
8	Production-scale fibronectin nanofibers promote wound closure and tissue repair in a dermal mouse model. <i>Biomaterials</i> , 2018, 166, 96-108.	11.4	72
9	Domain-wide regulation of DNA replication timing during mammalian development. <i>Chromosome Research</i> , 2010, 18, 127-136.	2.2	66
10	Endothelial extracellular vesicles contain protective proteins and rescue ischemia-reperfusion injury in a human heart-on-chip. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	66
11	The role of extracellular matrix in normal and pathological pregnancy: Future applications of microphysiological systems in reproductive medicine. <i>Experimental Biology and Medicine</i> , 2020, 245, 1163-1174.	2.4	37
12	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.	2.9	35
13	The Replication Domain Model: Regulating Replicon Firing in the Context of Large-Scale Chromosome Architecture. <i>Journal of Molecular Biology</i> , 2013, 425, 4690-4695.	4.2	32
14	Mitoregulin Controls $\hat{1}^2$ -Oxidation in Human and Mouse Adipocytes. <i>Stem Cell Reports</i> , 2020, 14, 590-602.	4.8	31
15	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.	2.5	21
16	SnapShot: Replication Timing. <i>Cell</i> , 2013, 152, 1390-1390.e1.	28.9	16
17	Up and down in Down's syndrome. <i>Nature</i> , 2014, 508, 323-324.	27.8	15
18	Many paths lead chromatin to the nuclear periphery. <i>BioEssays</i> , 2015, 37, 862-866.	2.5	13

#	ARTICLE	IF	CITATIONS
19	Fattening chips: hypertrophy, feeding, and fasting of human white adipocytes <i>in vitro</i> . Lab on A Chip, 2020, 20, 4152-4165.	6.0	10
20	Building Biomimetic Potency Tests for Islet Transplantation. Diabetes, 2021, 70, 347-363.	0.6	9