

Charles R Bradshaw

List of Publications by Year in descending order

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25
papers

3,989
citations

432681

18
h-index

582373

25
g-index

28
all docs

28
docs citations

28
times ranked

7601
citing authors

#	ARTICLE	IF	CITATIONS
1	Human primary liver cancer-derived organoid cultures for disease modeling and drug screening. <i>Nature Medicine</i> , 2017, 23, 1424-1435.	31.0	905
2	Small-molecule-induced DNA damage identifies alternative DNA structures in human genes. <i>Nature Chemical Biology</i> , 2012, 8, 301-310.	8.1	576
3	A Unique Gene Regulatory Network Resets the Human Germline Epigenome for Development. <i>Cell</i> , 2015, 161, 1453-1467.	29.2	556
4	Systems survey of endocytosis by multiparametric image analysis. <i>Nature</i> , 2010, 464, 243-249.	28.1	407
5	Replication stress induces 53BP1-containing OPT domains in G1 cells. <i>Journal of Cell Biology</i> , 2011, 193, 97-108.	5.2	284
6	Identification of methylated deoxyadenosines in vertebrates reveals diversity in DNA modifications. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 24-30.	8.4	215
7	Titration of Four Replication Factors Is Essential for the <i>Xenopus laevis</i> Midblastula Transition. <i>Science</i> , 2013, 341, 893-896.	12.8	201
8	Mechanical cell competition kills cells via induction of lethal p53 levels. <i>Nature Communications</i> , 2016, 7, 11373.	13.0	162
9	Sperm is epigenetically programmed to regulate gene transcription in embryos. <i>Genome Research</i> , 2016, 26, 1034-1046.	5.6	109
10	<i>Caenorhabditis elegans</i> screen reveals role of PAR-5 in RAB-11-recycling endosome positioning and apicobasal cell polarity. <i>Nature Cell Biology</i> , 2012, 14, 666-676.	10.5	96
11	H3K4 Methylation-Dependent Memory of Somatic Cell Identity Inhibits Reprogramming and Development of Nuclear Transfer Embryos. <i>Cell Stem Cell</i> , 2017, 21, 135-143.e6.	11.2	86
12	Nuclear Wave1 Is Required for Reprogramming Transcription in Oocytes and for Normal Development. <i>Science</i> , 2013, 341, 1002-1005.	12.8	82
13	Chromatin Accessibility Impacts Transcriptional Reprogramming in Oocytes. <i>Cell Reports</i> , 2018, 24, 304-311.	6.4	50
14	Hierarchical Molecular Events Driven by Oocyte-Specific Factors Lead to Rapid and Extensive Reprogramming. <i>Molecular Cell</i> , 2014, 55, 524-536.	9.8	39
15	Reprogramming towards totipotency is greatly facilitated by synergistic effects of small molecules. <i>Biology Open</i> , 2017, 6, 415-424.	1.2	39
16	Gene Resistance to Transcriptional Reprogramming following Nuclear Transfer Is Directly Mediated by Multiple Chromatin-Repressive Pathways. <i>Molecular Cell</i> , 2017, 65, 873-884.e8.	9.8	38
17	RNF43/ZNRF3 loss predisposes to hepatocellular-carcinoma by impairing liver regeneration and altering the liver lipid metabolic ground-state. <i>Nature Communications</i> , 2022, 13, 334.	13.0	28
18	CDK phosphorylation of SLD-2 is required for replication initiation and germline development in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , 2014, 204, 507-522.	5.2	21

#	ARTICLE	IF	CITATIONS
19	Epigenetic homogeneity in histone methylation underlies sperm programming for embryonic transcription. <i>Nature Communications</i> , 2020, 11, 3491.	13.0	21
20	Transcriptional activity and epigenetic regulation of transposable elements in the symbiotic fungus <i>Rhizophagus irregularis</i> . <i>Genome Research</i> , 2021, 31, 2290-2302.	5.6	19
21	Characteristics and homogeneity of N6-methylation in human genomes. <i>Scientific Reports</i> , 2019, 9, 5185.	3.4	13
22	Identification of Methylated Deoxyadenosines in Genomic DNA by dA6m DNA Immunoprecipitation. <i>Bio-protocol</i> , 2016, 6, .	0.4	10
23	ProFAT: a web-based tool for the functional annotation of protein sequences. <i>BMC Bioinformatics</i> , 2006, 7, 466.	2.6	9
24	A direct role for SNX9 in the biogenesis of filopodia. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	9
25	Histone H3 lysine 9 trimethylation is required for suppressing the expression of an embryonically activated retrotransposon in <i>Xenopus laevis</i> . <i>Scientific Reports</i> , 2015, 5, 14236.	3.4	8