

Anne Czechanski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,628
citations

11
h-index

25
g-index

25
ext. papers

2,089
ext. citations

11.4
avg, IF

3.25
L-index

#	Paper	IF	Citations
20	Genetic control of the pluripotency epigenome determines differentiation bias in mouse embryonic stem cells.. <i>EMBO Journal</i> , 2021 , e109445	13	1
19	Naive Pluripotent Stem Cells Exhibit Phenotypic Variability that Is Driven by Genetic Variation. <i>Cell Stem Cell</i> , 2020 , 27, 470-481.e6	18	16
18	Mapping the Effects of Genetic Variation on Chromatin State and Gene Expression Reveals Loci That Control Ground State Pluripotency. <i>Cell Stem Cell</i> , 2020 , 27, 459-469.e8	18	7
17	Mitotic chromosome alignment ensures mitotic fidelity by promoting interchromosomal compaction during anaphase. <i>Journal of Cell Biology</i> , 2019 , 218, 1148-1163	7.3	31
16	Injectable polypeptide hydrogels via methionine modification for neural stem cell delivery. <i>Biomaterials</i> , 2018 , 178, 527-545	15.6	27
15	Sixteen diverse laboratory mouse reference genomes define strain-specific haplotypes and novel functional loci. <i>Nature Genetics</i> , 2018 , 50, 1574-1583	36.3	91
14	Exome sequencing reveals pathogenic mutations in 91 strains of mice with Mendelian disorders. <i>Genome Research</i> , 2015 , 25, 948-57	9.7	38
13	Kif18a is specifically required for mitotic progression during germ line development. <i>Developmental Biology</i> , 2015 , 402, 253-262	3.1	34
12	Derivation and characterization of mouse embryonic stem cells from permissive and nonpermissive strains. <i>Nature Protocols</i> , 2014 , 9, 559-74	18.8	88
11	Generating embryonic stem cells from the inbred mouse strain DBA/2J, a model of glaucoma and other complex diseases. <i>PLoS ONE</i> , 2012 , 7, e50081	3.7	7
10	Mouse genomic variation and its effect on phenotypes and gene regulation. <i>Nature</i> , 2011 , 477, 289-94	50.4	1087
9	Molecular characterization of the translocation breakpoints in the Down syndrome mouse model Ts65Dn. <i>Mammalian Genome</i> , 2011 , 22, 685-91	3.2	116
8	Embryonic Stem Cells from a Mouse Down Syndrome Model Have Impaired Proliferation and Increased Oxidative Stress.. <i>Biology of Reproduction</i> , 2011 , 85, 57-57	3.9	
7	Meiotic behavior of aneuploid chromatin in mouse models of Down syndrome. <i>Chromosoma</i> , 2009 , 118, 723-36	2.8	18
6	Mutation discovery in the mouse using genetically guided array capture and resequencing. <i>Mammalian Genome</i> , 2009 , 20, 424-36	3.2	28
5	Stem cells from cartilaginous and bony fish. <i>Methods in Cell Biology</i> , 2008 , 86, 343-67	1.8	11
4	Arachidonic acid-induced expression of the organic solute and steroid transporter-beta (Ost-beta) in a cartilaginous fish cell line. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008 , 148, 39-47	3.2	10

3	Multidrug resistance-associated protein 3 (Mrp3/Abcc3/Moat-D) is expressed in the SAE <i>Squalus acanthias</i> shark embryo-derived cell line. <i>Zebrafish</i> , 2007 , 4, 261-75	2	9
2	Genetic variation influences pluripotent ground state stability in mouse embryonic stem cells through a hierarchy of molecular phenotypes		2
1	Multiple laboratory mouse reference genomes define strain specific haplotypes and novel functional loci		7