

Jonathan GÅrke

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,661
citations

257450

24
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

6678
citing authors

#	ARTICLE	IF	CITATIONS
1	Midbrain-like Organoids from Human Pluripotent Stem Cells Contain Functional Dopaminergic and Neuromelanin-Producing Neurons. <i>Cell Stem Cell</i> , 2016, 19, 248-257.	11.1	628
2	Induction of a Human Pluripotent State with Distinct Regulatory Circuitry that Resembles Preimplantation Epiblast. <i>Cell Stem Cell</i> , 2013, 13, 663-675.	11.1	349
3	The retrovirus HERVH is a long noncoding RNA required for human embryonic stem cell identity. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 423-425.	8.2	347
4	Dynamic Transcription of Distinct Classes of Endogenous Retroviral Elements Marks Specific Populations of Early Human Embryonic Cells. <i>Cell Stem Cell</i> , 2015, 16, 135-141.	11.1	283
5	Genomic basis for RNA alterations in cancer. <i>Nature</i> , 2020, 578, 129-136.	27.8	280
6	Reduced Oct4 Expression Directs a Robust Pluripotent State with Distinct Signaling Activity and Increased Enhancer Occupancy by Oct4 and Nanog. <i>Cell Stem Cell</i> , 2013, 12, 531-545.	11.1	171
7	Localized Plasticity in the Streamlined Genomes of Vinyl Chloride Respiring Dehalococoides. <i>PLoS Genetics</i> , 2009, 5, e1000714.	3.5	162
8	A Pan-cancer Transcriptome Analysis Reveals Pervasive Regulation through Alternative Promoters. <i>Cell</i> , 2019, 178, 1465-1477.e17.	28.9	144
9	Identification of differential RNA modifications from nanopore direct RNA sequencing with xPore. <i>Nature Biotechnology</i> , 2021, 39, 1394-1402.	17.5	131
10	Klf2 Is an Essential Factor that Sustains Ground State Pluripotency. <i>Cell Stem Cell</i> , 2014, 14, 864-872.	11.1	111
11	Tumor-associated B cells and humoral immune response in head and neck squamous cell carcinoma. <i>Oncotimmunology</i> , 2019, 8, 1535293.	4.6	97
12	Genome-wide Kinase-Chromatin Interactions Reveal the Regulatory Network of ERK Signaling in Human Embryonic Stem Cells. <i>Molecular Cell</i> , 2013, 50, 844-855.	9.7	88
13	SON connects the splicing-regulatory network with pluripotency in human embryonic stem cells. <i>Nature Cell Biology</i> , 2013, 15, 1141-1152.	10.3	84
14	Reproducible, scalable, and shareable analysis pipelines with bioinformatics workflow managers. <i>Nature Methods</i> , 2021, 18, 1161-1168.	19.0	83
15	<sc>CTRL</sc>+<sc>INSERT</sc>: retrotransposons and their contribution to regulation and innovation of the transcriptome. <i>EMBO Reports</i> , 2016, 17, 1131-1144.	4.5	79
16	Molecular Features Underlying Neurodegeneration Identified through InÂVitro Modeling of Genetically Diverse Parkinsonâ€™s Disease Patients. <i>Cell Reports</i> , 2016, 15, 2411-2426.	6.4	76
17	Zscan4c activates endogenous retrovirus MERVL and cleavage embryo genes. <i>Nucleic Acids Research</i> , 2019, 47, 8485-8501.	14.5	64
18	A PRC2-Dependent Repressive Role of PRDM14 in Human Embryonic Stem Cells and Induced Pluripotent Stem Cell Reprogramming. <i>Stem Cells</i> , 2013, 31, 682-692.	3.2	60

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19	Long-read transcriptome sequencing reveals abundant promoter diversity in distinct molecular subtypes of gastric cancer. <i>Genome Biology</i> , 2021, 22, 44.	8.8	46
20	Estimation of pairwise sequence similarity of mammalian enhancers with word neighbourhood counts. <i>Bioinformatics</i> , 2012, 28, 656-663.	4.1	45
21	Combinatorial Binding in Human and Mouse Embryonic Stem Cells Identifies Conserved Enhancers Active in Early Embryonic Development. <i>PLoS Computational Biology</i> , 2011, 7, e1002304.	3.2	43
22	Beyond sequencing: machine learning algorithms extract biology hidden in Nanopore signal data. <i>Trends in Genetics</i> , 2022, 38, 246-257.	6.7	42
23	SRSF3 maintains transcriptome integrity in oocytes by regulation of alternative splicing and transposable elements. <i>Cell Discovery</i> , 2018, 4, 33.	6.7	40
24	Multiple Myeloma DREAM Challenge reveals epigenetic regulator PHF19 as marker of aggressive disease. <i>Leukemia</i> , 2020, 34, 1866-1874.	7.2	36
25	A Chemically Defined Feeder-free System for the Establishment and Maintenance of the Human Naive Pluripotent State. <i>Stem Cell Reports</i> , 2019, 13, 612-626.	4.8	24
26	Epigenetic promoter alterations in GI tumour immune-editing and resistance to immune checkpoint inhibition. <i>Gut</i> , 2022, 71, 1277-1288.	12.1	23
27	Antisense RNAs Influence Promoter Usage of Their Counterpart Sense Genes in Cancer. <i>Cancer Research</i> , 2021, 81, 5849-5861.	0.9	9