

# Siddharth S Dey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2950822/publications.pdf>

Version: 2024-02-01

18  
papers

1,399  
citations

840776

11  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strand-specific single-cell methylomics reveals distinct modes of DNA demethylation dynamics during early mammalian development. <i>Nature Communications</i> , 2021, 12, 1286.	12.8	16
2	A probabilistic framework for cellular lineage reconstruction using integrated single-cell 5-hydroxymethylcytosine and genomic DNA sequencing. <i>Cell Reports Methods</i> , 2021, 1, 100060.	2.9	3
3	Integrated single-cell sequencing of 5-hydroxymethylcytosine and genomic DNA using scH&G-seq. <i>STAR Protocols</i> , 2021, 2, 101016.	1.2	0
4	Efficient and cost-effective bacterial mRNA sequencing from low input samples through ribosomal RNA depletion. <i>BMC Genomics</i> , 2020, 21, 717.	2.8	22
5	An Extended Culture System that Supports Human Primordial Germ Cell-like Cell Survival and Initiation of DNA Methylation Erasure. <i>Stem Cell Reports</i> , 2020, 14, 433-446.	4.8	30
6	Simultaneous quantification of proteinâ€“DNA interactions and transcriptomes in single cells with scDam&T-seq. <i>Nature Protocols</i> , 2020, 15, 1922-1953.	12.0	25
7	Control over single-cell distribution of G1 lengths by WNT governs pluripotency. <i>PLoS Biology</i> , 2019, 17, e3000453.	5.6	14
8	Simultaneous quantification of proteinâ€“DNA contacts and transcriptomes in single cells. <i>Nature Biotechnology</i> , 2019, 37, 766-772.	17.5	86
9	Single-cell 5hmC sequencing reveals chromosome-wide cell-to-cell variability and enables lineage reconstruction. <i>Nature Biotechnology</i> , 2016, 34, 852-856.	17.5	144
10	Orthogonal control of expression mean and variance by epigenetic features at different genomic loci. <i>Molecular Systems Biology</i> , 2015, 11, 806.	7.2	95
11	Integrated genome and transcriptome sequencing of the same cell. <i>Nature Biotechnology</i> , 2015, 33, 285-289.	17.5	439
12	Genome-wide Maps of Nuclear Lamina Interactions in Single Human Cells. <i>Cell</i> , 2015, 163, 134-147.	28.9	399
13	Quantitative Evaluation and Optimization of Co-drugging to Improve Anti-HIV Latency Therapy. <i>Cellular and Molecular Bioengineering</i> , 2014, 7, 320-333.	2.1	12
14	Mutual Information Analysis Reveals Coevolving Residues in Tat That Compensate for Two Distinct Functions in HIV-1 Gene Expression. <i>Journal of Biological Chemistry</i> , 2012, 287, 7945-7955.	3.4	10
15	Chromatin accessibility at the HIV LTR promoter sets a threshold for NF- $\kappa$ B mediated viral gene expression. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 661.	1.3	27
16	Opportunities for Chemical Engineering Thermodynamics in Biotechnology: Some Examples. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 3-15.	3.7	6
17	Varying virulence: epigenetic control of expression noise and disease processes. <i>Trends in Biotechnology</i> , 2011, 29, 517-525.	9.3	57
18	(1R*,2S*,4S*,5S*)-Cyclohexane-1,2,4,5-tetrol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o920-o922.	0.2	2