

Jeffrey R Moffitt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4232677/publications.pdf>

Version: 2024-02-01

13
papers

5,349
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

7229
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially resolved, highly multiplexed RNA profiling in single cells. <i>Science</i> , 2015, 348, aaa6090.	12.6	1,689
2	Molecular, spatial, and functional single-cell profiling of the hypothalamic preoptic region. <i>Science</i> , 2018, 362, .	12.6	812
3	Super-resolution imaging reveals distinct chromatin folding for different epigenetic states. <i>Nature</i> , 2016, 529, 418-422.	27.8	750
4	Spatial organization of chromatin domains and compartments in single chromosomes. <i>Science</i> , 2016, 353, 598-602.	12.6	534
5	High-throughput single-cell gene-expression profiling with multiplexed error-robust fluorescence in situ hybridization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11046-11051.	7.1	394
6	MAFG-driven astrocytes promote CNS inflammation. <i>Nature</i> , 2020, 578, 593-599.	27.8	282
7	High-performance multiplexed fluorescence in situ hybridization in culture and tissue with matrix imprinting and clearing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14456-14461.	7.1	224
8	Multiplexed imaging of high-density libraries of RNAs with MERFISH and expansion microscopy. <i>Scientific Reports</i> , 2018, 8, 4847.	3.3	160
9	Spatial organization shapes the turnover of a bacterial transcriptome. <i>ELife</i> , 2016, 5, .	6.0	139
10	Cell segmentation in imaging-based spatial transcriptomics. <i>Nature Biotechnology</i> , 2022, 40, 345-354.	17.5	113
11	Multiplexed detection of RNA using MERFISH and branched DNA amplification. <i>Scientific Reports</i> , 2019, 9, 7721.	3.3	94
12	Extracting signal from noise: kinetic mechanisms from a Michaelis-Menten-like expression for enzymatic fluctuations. <i>FEBS Journal</i> , 2014, 281, 498-517.	4.7	76
13	High-throughput, image-based screening of pooled genetic-variant libraries. <i>Nature Methods</i> , 2017, 14, 1159-1162.	19.0	53