

Michael J Booth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4418606/publications.pdf>

Version: 2024-02-01

21
papers

2,511
citations

623734

14
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Sequencing of 5-Methylcytosine and 5-Hydroxymethylcytosine at Single-Base Resolution. <i>Science</i> , 2012, 336, 934-937.	12.6	850
2	Oxidative bisulfite sequencing of 5-methylcytosine and 5-hydroxymethylcytosine. <i>Nature Protocols</i> , 2013, 8, 1841-1851.	12.0	291
3	A screen for hydroxymethylcytosine and formylcytosine binding proteins suggests functions in transcription and chromatin regulation. <i>Genome Biology</i> , 2013, 14, R119.	9.6	269
4	Quantitative sequencing of 5-formylcytosine in DNA at single-base resolution. <i>Nature Chemistry</i> , 2014, 6, 435-440.	13.6	211
5	Genome-wide distribution of 5-formylcytosine in embryonic stem cells is associated with transcription and depends on thymine DNA glycosylase. <i>Genome Biology</i> , 2012, 13, R69.	9.6	205
6	Light-activated communication in synthetic tissues. <i>Science Advances</i> , 2016, 2, e1600056.	10.3	173
7	Multi-responsive hydrogel structures from patterned droplet networks. <i>Nature Chemistry</i> , 2020, 12, 363-371.	13.6	148
8	Chemical Methods for Decoding Cytosine Modifications in DNA. <i>Chemical Reviews</i> , 2015, 115, 2240-2254.	47.7	110
9	Light-patterning of synthetic tissues with single droplet resolution. <i>Scientific Reports</i> , 2017, 7, 9315.	3.3	58
10	Functional aqueous droplet networks. <i>Molecular BioSystems</i> , 2017, 13, 1658-1691.	2.9	56
11	Controlling Synthetic Cell-Cell Communication. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 809945.	3.5	25
12	Light-Patterned Current Generation in a Droplet Bilayer Array. <i>Scientific Reports</i> , 2017, 7, 46585.	3.3	23
13	Controlled deprotection and release of a small molecule from a compartmented synthetic tissue module. <i>Communications Chemistry</i> , 2019, 2, .	4.5	23
14	Dissection of Cdk1-cyclin complexes in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15716-15721.	7.1	15
15	A Lipid-Based Droplet Processor for Parallel Chemical Signals. <i>ACS Nano</i> , 2021, 15, 20214-20224.	14.6	15
16	Controlling gene expression with light: a multidisciplinary endeavour. <i>Biochemical Society Transactions</i> , 2020, 48, 1645-1659.	3.4	14
17	Transmembrane protein rotaxanes reveal kinetic traps in the refolding of translocated substrates. <i>Communications Biology</i> , 2020, 3, 159.	4.4	12
18	3D-printed synthetic tissues. <i>Biochemist</i> , 2016, 38, 16-19.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Droplet Networks, from Lipid Bilayers to Synthetic Tissues. , 2019, , 1-13.		2
20	Reduced Bisulfite Sequencing: Quantitative Base-Resolution Sequencing of 5-Formylcytosine. Methods in Molecular Biology, 2021, 2272, 3-12.	0.9	2
21	Combining the Optimized Yeast Cytosine Deaminase Protein Fragment Complementation Assay and an In Vitro Cdk1 Targeting Assay to Study the Regulation of the β -Tubulin Complex. Methods in Molecular Biology, 2016, 1342, 237-257.	0.9	1