

Brian J Beliveau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7810056/publications.pdf>

Version: 2024-02-01

28
papers

3,825
citations

394421

19
h-index

610901

24
g-index

38
all docs

38
docs citations

38
times ranked

4639
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-resolution imaging reveals distinct chromatin folding for different epigenetic states. <i>Nature</i> , 2016, 529, 418-422.	27.8	750
2	Spatial organization of chromatin domains and compartments in single chromosomes. <i>Science</i> , 2016, 353, 598-602.	12.6	534
3	Versatile design and synthesis platform for visualizing genomes with Oligopaint FISH probes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21301-21306.	7.1	383
4	Single-molecule super-resolution imaging of chromosomes and in situ haplotype visualization using Oligopaint FISH probes. <i>Nature Communications</i> , 2015, 6, 7147.	12.8	329
5	Immuno-SABER enables highly multiplexed and amplified protein imaging in tissues. <i>Nature Biotechnology</i> , 2019, 37, 1080-1090.	17.5	301
6	SABER amplifies FISH: enhanced multiplexed imaging of RNA and DNA in cells and tissues. <i>Nature Methods</i> , 2019, 16, 533-544.	19.0	271
7	Walking along chromosomes with super-resolution imaging, contact maps, and integrative modeling. <i>PLoS Genetics</i> , 2018, 14, e1007872.	3.5	209
8	OligoMiner provides a rapid, flexible environment for the design of genome-scale oligonucleotide in situ hybridization probes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2183-E2192.	7.1	168
9	Multiplexed 3D super-resolution imaging of whole cells using spinning disk confocal microscopy and DNA-PAINT. <i>Nature Communications</i> , 2017, 8, 2090.	12.8	125
10	Islands of retroelements are major components of <i>Drosophila</i> centromeres. <i>PLoS Biology</i> , 2019, 17, e3000241.	5.6	124
11	3D mapping and accelerated super-resolution imaging of the human genome using in situ sequencing. <i>Nature Methods</i> , 2020, 17, 822-832.	19.0	99
12	Scalable amplification of strand subsets from chip-synthesized oligonucleotide libraries. <i>Nature Communications</i> , 2015, 6, 8634.	12.8	80
13	In Situ Super-Resolution Imaging of Genomic DNA with OligoSTORM and OligoDNA-PAINT. <i>Methods in Molecular Biology</i> , 2017, 1663, 231-252.	0.9	69
14	Germline Progenitors Escape the Widespread Phenomenon of Homolog Pairing during <i>Drosophila</i> Development. <i>PLoS Genetics</i> , 2013, 9, e1004013.	3.5	68
15	Visualizing Genomes with Oligopaint FISH Probes. <i>Current Protocols in Molecular Biology</i> , 2014, 105, Unit 14.23..	2.9	55
16	A hybrid open-top light-sheet microscope for versatile multi-scale imaging of cleared tissues. <i>Nature Methods</i> , 2022, 19, 613-619.	19.0	54
17	Allelic Imbalance Is a Prevalent and Tissue-Specific Feature of the Mouse Transcriptome. <i>Genetics</i> , 2015, 200, 537-549.	2.9	38
18	Pericentromeric heterochromatin is hierarchically organized and spatially contacts H3K9me2 islands in euchromatin. <i>PLoS Genetics</i> , 2020, 16, e1008673.	3.5	32

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19	Combining Qdot Nanotechnology and DNA Nanotechnology for Sensitive Single-Cell Imaging. <i>Advanced Materials</i> , 2020, 32, e1908410.	21.0	24
20	Rapid in vitro production of single-stranded DNA. <i>Nucleic Acids Research</i> , 2019, 47, 11956-11962.	14.5	22
21	PaintSHOP enables the interactive design of transcriptome- and genome-scale oligonucleotide FISH experiments. <i>Nature Methods</i> , 2021, 18, 937-944.	19.0	22
22	Avoiding the Ends: Internal Epitope Tagging of Proteins Using Transposon Tn7. <i>Genetics</i> , 2015, 200, 47-58.	2.9	19
23	OligoMinerApp: a web-server application for the design of genome-scale oligonucleotide in situ hybridization probes through the flexible OligoMiner environment. <i>Nucleic Acids Research</i> , 2020, 48, W332-W339.	14.5	13
24	Combined in vitro transcription and reverse transcription to amplify and label complex synthetic oligonucleotide probe libraries. <i>BioTechniques</i> , 2015, 58, 301-307.	1.8	10
25	Title is missing!. , 2020, 16, e1008673.		0
26	Title is missing!. , 2020, 16, e1008673.		0
27	Title is missing!. , 2020, 16, e1008673.		0
28	Title is missing!. , 2020, 16, e1008673.		0