Brian J Beliveau

List of Publications by Year
in descending order

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	A hybrid open-top light-sheet microscope for versatile multi-scale imaging of cleared tissues. Nature Methods, 2022, 19, 613-619.	19.0	54
2	PaintSHOP enables the interactive design of transcriptome- and genome-scale oligonucleotide FISH experiments. Nature Methods, 2021, 18, 937-944.	19.0	22
3	3D mapping and accelerated super-resolution imaging of the human genome using in situ sequencing. Nature Methods, 2020, 17, 822-832.	19.0	99
4	Combining Qdot Nanotechnology and DNA Nanotechnology for Sensitive Singleâ€Cell Imaging. Advanced Materials, 2020, 32, e1908410.	21.0	24
5	Pericentromeric heterochromatin is hierarchically organized and spatially contacts H3K9me2 islands in euchromatin. PLoS Genetics, 2020, 16, e1008673.	3.5	32
6	OligoMinerApp: a web-server application for the design of genome-scale oligonucleotide in situ hybridization probes through the flexible OligoMiner environment. Nucleic Acids Research, 2020, 48, W332-W339.	14.5	13
7	Title is missing!. , 2020, 16, e1008673.		0
8	Title is missing!. , 2020, 16, e1008673.		0
9	Title is missing!. , 2020, 16, e1008673.		0
10	Title is missing!. , 2020, 16, e1008673.		0
11	Immuno-SABER enables highly multiplexed and amplified protein imaging in tissues. Nature Biotechnology, 2019, 37, 1080-1090.	17.5	301
12	Rapid in vitro production of single-stranded DNA. Nucleic Acids Research, 2019, 47, 11956-11962.	14.5	22
13	SABER amplifies FISH: enhanced multiplexed imaging of RNA and DNA in cells and tissues. Nature Methods, 2019, 16, 533-544.	19.0	271
14	Islands of retroelements are major components of Drosophila centromeres. PLoS Biology, 2019, 17, e3000241.	5.6	124
15	OligoMiner provides a rapid, flexible environment for the design of genome-scale oligonucleotide in situ hybridization probes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2183-E2192.	7.1	168
16	Walking along chromosomes with super-resolution imaging, contact maps, and integrative modeling. PLoS Genetics, 2018, 14, e1007872.	3.5	209
17	In Situ Super-Resolution Imaging of Genomic DNA with OligoSTORM and OligoDNA-PAINT. Methods in Molecular Biology, 2017, 1663, 231-252.	0.9	69
18	Multiplexed 3D super-resolution imaging of whole cells using spinning disk confocal microscopy and DNA-PAINT. Nature Communications, 2017, 8, 2090.	12.8	125

#	Article	IF	Citations
19	Spatial organization of chromatin domains and compartments in single chromosomes. Science, 2016, 353, 598-602.	12.6	534
20	Super-resolution imaging reveals distinct chromatin folding for different epigenetic states. Nature, 2016, 529, 418-422.	27.8	750
21	Scalable amplification of strand subsets from chip-synthesized oligonucleotide libraries. Nature Communications, 2015, 6, 8634.	12.8	80
22	Combined in vitro transcription and reverse transcription to amplify and label complex synthetic oligonucleotide probe libraries. BioTechniques, 2015, 58, 301-307.	1.8	10
23	Avoiding the Ends: Internal Epitope Tagging of Proteins Using Transposon Tn7. Genetics, 2015, 200, 47-58.	2.9	19
24	Allelic Imbalance Is a Prevalent and Tissue-Specific Feature of the Mouse Transcriptome. Genetics, 2015, 200, 537-549.	2.9	38
25	Single-molecule super-resolution imaging of chromosomes and in situ haplotype visualization using Oligopaint FISH probes. Nature Communications, 2015, 6, 7147.	12.8	329
26	Visualizing Genomes with Oligopaint FISH Probes. Current Protocols in Molecular Biology, 2014, 105, Unit 14.23..	2.9	55
27	Germline Progenitors Escape the Widespread Phenomenon of Homolog Pairing during Drosophila Development. PLoS Genetics, 2013, 9, e1004013.	3.5	68
28	Versatile design and synthesis platform for visualizing genomes with Oligopaint FISH probes. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21301-21306.	7.1	383