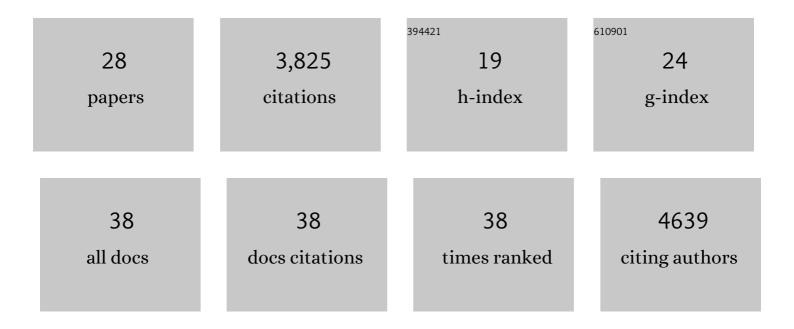
Brian J Beliveau

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7810056/publications.pdf Version: 2024-02-01



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

Brian J Beliveau

#	Article	IF	CITATIONS
19	Combining Qdot Nanotechnology and DNA Nanotechnology for Sensitive Singleâ€Cell Imaging. Advanced Materials, 2020, 32, e1908410.	21.0	24
20	Rapid in vitro production of single-stranded DNA. Nucleic Acids Research, 2019, 47, 11956-11962.	14.5	22
21	PaintSHOP enables the interactive design of transcriptome- and genome-scale oligonucleotide FISH experiments. Nature Methods, 2021, 18, 937-944.	19.0	22
22	Avoiding the Ends: Internal Epitope Tagging of Proteins Using Transposon Tn7. Genetics, 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. Nucleic Acids Research, 2020, 48, W332-W339.	14.5	13
24	Combined in vitro transcription and reverse transcription to amplify and label complex synthetic oligonucleotide probe libraries. BioTechniques, 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