

Kirti Prakash

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

717
citations

932766

10
h-index

1058022

14
g-index

27
all docs

27
docs citations

27
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Astrocyte layers in the mammalian cerebral cortex revealed by a single-cell in situ transcriptomic map. <i>Nature Neuroscience</i> , 2020, 23, 500-509.	7.1	290
2	Single molecule localization microscopy of the distribution of chromatin using Hoechst and DAPI fluorescent probes. <i>Nucleus</i> , 2014, 5, 331-340.	0.6	78
3	Superresolution imaging reveals structurally distinct periodic patterns of chromatin along pachytene chromosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14635-14640.	3.3	68
4	A transient ischemic environment induces reversible compaction of chromatin. <i>Genome Biology</i> , 2015, 16, 246.	3.8	56
5	Evidence for the implication of the histone code in building the genome structure. <i>BioSystems</i> , 2018, 164, 49-59.	0.9	52
6	Super-resolution microscopy: a brief history and new avenues. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20210110.	1.6	32
7	Localization microscopy of DNA in situ using Vybrant [®] DyeCycle [™] Violet fluorescent probe: A new approach to study nuclear nanostructure at single molecule resolution. <i>Experimental Cell Research</i> , 2016, 343, 97-106.	1.2	27
8	Super-resolution structured illumination microscopy: past, present and future. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200143.	1.6	23
9	Quantitative super-resolution localization microscopy of DNA in situ using Vybrant [®] DyeCycle [™] Violet fluorescent probe. <i>Data in Brief</i> , 2016, 7, 157-171.	0.5	21
10	Histone Code and Higher-Order Chromatin Folding: A Hypothesis. <i>Genomics and Computational Biology</i> , 2017, 3, 41.	0.7	18
11	Laser-free super-resolution microscopy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200144.	1.6	10
12	At the molecular resolution with MINIFLUX?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20200145.	1.6	8
13	Chromatin Architecture. <i>Springer Theses</i> , 2017, , .	0.0	3
14	Investigating Chromatin Organisation Using Single Molecule Localisation Microscopy. <i>Springer Theses</i> , 2017, , 25-61.	0.0	3
15	Periodic and Symmetric Organisation of Meiotic Chromosomes. <i>Springer Theses</i> , 2017, , 105-133.	0.0	1
16	Structure, Function and Dynamics of Chromatin. <i>Springer Theses</i> , 2017, , 63-103.	0.0	0
17	A Condensed History of Chromatin Research. <i>Springer Theses</i> , 2017, , 1-24.	0.0	0