

Kirti Prakash

List of Publications by Year in descending order

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932766

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14
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27
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docs citations

27
times ranked

1091
citing authors

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