

Alexander Strunnikov

List of Publications by Year in descending order

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18
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2,034
citations

687363

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839539

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1797
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#	ARTICLE	IF	CITATIONS
1	A Direct Link between Sister Chromatid Cohesion and Chromosome Condensation Revealed through the Analysis of MCD1 in <i>S. cerevisiae</i> . <i>Cell</i> , 1997, 91, 47-57.	28.9	809
2	MITOTIC CHROMOSOME CONDENSATION. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 305-333.	9.4	314
3	The Condensin Complex Governs Chromosome Condensation and Mitotic Transmission of RdnA. <i>Journal of Cell Biology</i> , 2000, 149, 811-824.	5.2	274
4	Condensin Binding at Distinct and Specific Chromosomal Sites in the <i>Saccharomyces cerevisiae</i> Genome. <i>Molecular and Cellular Biology</i> , 2005, 25, 7216-7225.	2.3	99
5	SIZ1/SIZ2 Control of Chromosome Transmission Fidelity Is Mediated by the Sumoylation of Topoisomerase II. <i>Genetics</i> , 2006, 172, 783-794.	2.9	81
6	SUMO-targeted ubiquitin ligase (STUbL) Slx5 regulates proteolysis of centromeric histone H3 variant Cse4 and prevents its mislocalization to euchromatin. <i>Molecular Biology of the Cell</i> , 2016, 27, 1500-1510.	2.1	73
7	Human Condensin Function Is Essential for Centromeric Chromatin Assembly and Proper Sister Kinetochore Orientation. <i>PLoS ONE</i> , 2009, 4, e6831.	2.5	73
8	Cooperation of Sumoylated Chromosomal Proteins in rDNA Maintenance. <i>PLoS Genetics</i> , 2008, 4, e1000215.	3.5	61
9	In vivo modeling of polysumoylation uncovers targeting of Topoisomerase II to the nucleolus via optimal level of SUMO modification. <i>Chromosoma</i> , 2008, 117, 189-198.	2.2	46
10	Condensin Function in Mitotic Nucleolar Segregation is Regulated by rDNA Transcription. <i>Cell Cycle</i> , 2006, 5, 2260-2267.	2.6	43
11	Condensin function at centromere chromatin facilitates proper kinetochore tension and ensures correct mitotic segregation of sister chromatids. <i>Genes To Cells</i> , 2007, 12, 1075-1090.	1.2	43
12	Essential global role of <i>CDC14</i> in DNA synthesis revealed by chromosome underreplication unrecognized by checkpoints in <i>cdc14</i> mutants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14466-14471.	7.1	36
13	The cancer-associated CTCFL/BORIS protein targets multiple classes of genomic repeats, with a distinct binding and functional preference for humanoid-specific SVA transposable elements. <i>Epigenetics and Chromatin</i> , 2016, 9, 35.	3.9	33
14	Cohesin complexes with a potential to link mammalian meiosis to cancer. <i>Cell Regeneration</i> , 2013, 2, 2:4.	2.6	14
15	Histone Tail-independent Chromatin Binding Activity of Recombinant Cohesin Holocomplex. <i>Journal of Biological Chemistry</i> , 2004, 279, 3382-3388.	3.4	13
16	Transcriptional homogenization of rDNA repeats in the episome-based nucleolus induces genome-wide changes in the chromosomal distribution of condensin. <i>Plasmid</i> , 2008, 59, 45-53.	1.4	12
17	Unreplicated DNA in mitosis precludes condensin binding and chromosome condensation in <i>S. cerevisiae</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5838.	3.0	6
18	The downregulation of putative anticancer target BORIS/CTCF in an addicted myeloid cancer cell line modulates the expression of multiple protein coding and ncRNA genes. <i>Oncotarget</i> , 2017, 8, 73448-73468.	1.8	4