Karen J Meaburn

List of Publications by Year
in descending order

21 papers	1,601 citations	516710 16 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	1821 citing authors

#	Article	IF	Citations
1	Chromosome territories. Nature, 2007, 445, 379-381.	27.8	334
2	The Meaning of Gene Positioning. Cell, 2008, 135, 9-13.	28.9	222
3	Spatial genome organization in the formation of chromosomal translocations. Seminars in Cancer Biology, 2007, 17, 80-90.	9.6	178
4	Primary laminopathy fibroblasts display altered genome organization and apoptosis. Aging Cell, 2007, 6, 139-153.	6.7	140
5	Locus-specific and activity-independent gene repositioning during early tumorigenesis. Journal of Cell Biology, 2008, 180, 39-50.	5.2	135
6	Disease-specific gene repositioning in breast cancer. Journal of Cell Biology, 2009, 187, 801-812.	5.2	126
7	Gene deregulation and spatial genome reorganization near breakpoints prior to formation of translocations in anaplastic large cell lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5831-5836.	7.1	94
8	A high‑throughput system for segmenting nuclei using multiscale techniques. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 451-466.	1.5	65
9	Spatial Genome Organization and Its Emerging Role as a Potential Diagnosis Tool. Frontiers in Genetics, 2016, 7, 134.	2.3	50
10	Segmentation of Whole Cells and Cell Nuclei From 3-D Optical Microscope Images Using Dynamic Programming. IEEE Transactions on Medical Imaging, 2008, 27, 723-734.	8.9	44
11	Tissue-of-origin-specific gene repositioning in breast and prostate cancer. Histochemistry and Cell Biology, 2016, 145, 433-446.	1.7	41
12	The manipulation of chromosomes by mankind: the uses of microcell-mediated chromosome transfer. Chromosoma, 2005, 114, 263-274.	2.2	39
13	Locus-specific gene repositioning in prostate cancer. Molecular Biology of the Cell, 2016, 27, 236-246.	2.1	32
14	Chromosome positioning is largely unaffected in lymphoblastoid cell lines containing emerin or A-type lamin mutations. Biochemical Society Transactions, 2005, 33, 1438.	3.4	27
15	Automatic segmentation and supervised learning‑based selection of nuclei in cancer tissue images. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2012, 81A, 743-754.	1.5	27
16	Positioning of human chromosomes in murine cell hybrids according to synteny. Chromosoma, 2008, 117, 579-591.	2.2	26
17	Automatic nuclei segmentation and spatial FISH analysis for cancer detection. , 2009, 2009, 6718-21.		8
18	Ranked retrieval of segmented nuclei for objective assessment of cancer gene repositioning. BMC Bioinformatics, 2012, 13, 232.	2.6	8

#	Article	IF	Citations
19	3D SEGMENTATION OF WHOLE CELLS AND CELL NUCLEI IN TISSUE USING DYNAMIC PROGRAMMING. , 2007, , .		3
20	HiFLO: a high-throughput system for spatial analysis of FISH loci in interphase nuclei. , 2007, , .		2
21	Supervised learning framework for screening nuclei in tissue sections. , 2011, 2011, 5989-92.		0