

Karen J Meaburn

List of Publications by Year in descending order

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Version: 2024-02-01

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	Spatial Genome Organization and Its Emerging Role as a Potential Diagnosis Tool. <i>Frontiers in Genetics</i> , 2016, 7, 134.	2.3	50
2	Tissue-of-origin-specific gene repositioning in breast and prostate cancer. <i>Histochemistry and Cell Biology</i> , 2016, 145, 433-446.	1.7	41
3	Locus-specific gene repositioning in prostate cancer. <i>Molecular Biology of the Cell</i> , 2016, 27, 236-246.	2.1	32
4	Automatic segmentation and supervised learning-based selection of nuclei in cancer tissue images. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2012, 81A, 743-754.	1.5	27
5	Ranked retrieval of segmented nuclei for objective assessment of cancer gene repositioning. <i>BMC Bioinformatics</i> , 2012, 13, 232.	2.6	8
6	Supervised learning framework for screening nuclei in tissue sections. , 2011, 2011, 5989-92.		0
7	Disease-specific gene repositioning in breast cancer. <i>Journal of Cell Biology</i> , 2009, 187, 801-812.	5.2	126
8	Automatic nuclei segmentation and spatial FISH analysis for cancer detection. , 2009, 2009, 6718-21.		8
9	Gene deregulation and spatial genome reorganization near breakpoints prior to formation of translocations in anaplastic large cell lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5831-5836.	7.1	94
10	Positioning of human chromosomes in murine cell hybrids according to synteny. <i>Chromosoma</i> , 2008, 117, 579-591.	2.2	26
11	A high-throughput system for segmenting nuclei using multiscale techniques. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 451-466.	1.5	65
12	Segmentation of Whole Cells and Cell Nuclei From 3-D Optical Microscope Images Using Dynamic Programming. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 723-734.	8.9	44
13	The Meaning of Gene Positioning. <i>Cell</i> , 2008, 135, 9-13.	28.9	222
14	Locus-specific and activity-independent gene repositioning during early tumorigenesis. <i>Journal of Cell Biology</i> , 2008, 180, 39-50.	5.2	135
15	3D SEGMENTATION OF WHOLE CELLS AND CELL NUCLEI IN TISSUE USING DYNAMIC PROGRAMMING. , 2007, , .		3
16	HiFLO: a high-throughput system for spatial analysis of FISH loci in interphase nuclei. , 2007, , .		2
17	Chromosome territories. <i>Nature</i> , 2007, 445, 379-381.	27.8	334
18	Primary laminopathy fibroblasts display altered genome organization and apoptosis. <i>Aging Cell</i> , 2007, 6, 139-153.	6.7	140

#	ARTICLE	IF	CITATIONS
19	Spatial genome organization in the formation of chromosomal translocations. <i>Seminars in Cancer Biology</i> , 2007, 17, 80-90.	9.6	178
20	Chromosome positioning is largely unaffected in lymphoblastoid cell lines containing emerin or A-type lamin mutations. <i>Biochemical Society Transactions</i> , 2005, 33, 1438.	3.4	27
21	The manipulation of chromosomes by mankind: the uses of microcell-mediated chromosome transfer. <i>Chromosoma</i> , 2005, 114, 263-274.	2.2	39