

Kiyotaka Nagaki

List of Publications by Year in descending order

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33
papers

2,412
citations

430874

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434195

31
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33
all docs

33
docs citations

33
times ranked

1748
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of CRISPR/Cas9 to visualize defined genomic sequences in fixed chromosomes and nuclei. , 2021, , 147-153.		1
2	Effectiveness of Create ML in microscopy image classifications: a simple and inexpensive deep learning pipeline for non-data scientists. <i>Chromosome Research</i> , 2021, 29, 361-371.	2.2	4
3	Decrosslinking enables visualization of RNA-guided endonucleaseâ€™in situ labeling signals for DNA sequences in plant tissues. <i>Journal of Experimental Botany</i> , 2020, 71, 1792-1800.	4.8	8
4	Diploid Male Gametes Circumvent Hybrid Sterility Between Asian and African Rice Species. <i>Frontiers in Plant Science</i> , 2020, 11, 579305.	3.6	3
5	Currents in Cytogeneticsâ€™Faster, Wider, Finer, and Creation: Old but New Technology for Genome Visualization. <i>Kagaku To Seibutsu</i> , 2020, 58, 606-613.	0.0	0
6	ePro-ClearSee: a simple immunohistochemical method that does not require sectioning of plant samples. <i>Scientific Reports</i> , 2017, 7, 42203.	3.3	17
7	Chromatin Immunoprecipitation for Detecting Epigenetic Marks on Plant Nucleosomes. <i>Methods in Molecular Biology</i> , 2016, 1469, 197-206.	0.9	1
8	Modification of centromere structure: a promising approach for haploidline production in plant breeding. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2015, 39, 557-562.	2.1	12
9	Sunflower centromeres consist of a centromere-specific LINE and a chromosome-specific tandem repeat. <i>Frontiers in Plant Science</i> , 2015, 6, 912.	3.6	15
10	Identification of the centromere-specific histone H3 variant in <i>Lotus japonicus</i> . <i>Gene</i> , 2014, 538, 8-11.	2.2	8
11	Identification and characterization of functional centromeres of the common bean. <i>Plant Journal</i> , 2013, 76, 47-60.	5.7	61
12	Tobacco karyotyping by accurate centromere identification and novel repetitive DNA localization. <i>Chromosome Research</i> , 2013, 21, 375-381.	2.2	15
13	Chromosome Dynamics Visualized with an Anti-Centromeric Histone H3 Antibody in <i>Allium</i> . <i>PLoS ONE</i> , 2012, 7, e51315.	2.5	26
14	Isolation of centromeric-tandem repetitive DNA sequences by chromatin affinity purification using a HaloTag7-fused centromere-specific histone H3 in tobacco. <i>Plant Cell Reports</i> , 2012, 31, 771-779.	5.6	15
15	Holocentric Chromosomes of <i>Luzula elegans</i> Are Characterized by a Longitudinal Centromere Groove, Chromosome Bending, and a Terminal Nucleolus Organizer Region. <i>Cytogenetic and Genome Research</i> , 2011, 134, 220-228.	1.1	65
16	CENH3 distribution and differential chromatin modifications during pollen development in rye (<i>Secale</i>) Tj ETQq0 0 0 tgBT /Overlock 10 T	2.2	44
17	Coexistence of NtCENH3 and two retrotransposons in tobacco centromeres. <i>Chromosome Research</i> , 2011, 19, 591-605.	2.2	20
18	Functional centromeres in <i>Astragalus sinicus</i> include a compact centromere-specific histone H3 and a 20-bp tandem repeat. <i>Chromosome Research</i> , 2011, 19, 969-978.	2.2	30

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19	Centromere targeting of alien CENH3s in Arabidopsis and tobacco cells. <i>Chromosome Research</i> , 2010, 18, 203-211.	2.2	15
20	Functional centromeres in soybean include two distinct tandem repeats and a retrotransposon. <i>Chromosome Research</i> , 2010, 18, 337-347.	2.2	58
21	Structure and Evolution of Plant Centromeres. <i>Progress in Molecular and Subcellular Biology</i> , 2009, 48, 153-179.	1.6	14
22	A centromeric DNA sequence colocalized with a centromere-specific histone H3 in tobacco. <i>Chromosoma</i> , 2009, 118, 249-257.	2.2	43
23	Characterization of the two centromeric proteins CENP-C and MIS12 in Nicotiana species. <i>Chromosome Research</i> , 2009, 17, 719-726.	2.2	6
24	CENH3 interacts with the centromeric retrotransposon cereba and GC-rich satellites and locates to centromeric substructures in barley. <i>Chromosoma</i> , 2007, 116, 275-283.	2.2	107
25	Characterization of CENH3 and centromere-associated DNA sequences in sugarcane. <i>Chromosome Research</i> , 2005, 13, 195-203.	2.2	81
26	Visualization of Diffuse Centromeres with Centromere-Specific Histone H3 in the Holocentric Plant <i>Luzula nivea</i> . <i>Plant Cell</i> , 2005, 17, 1886-1893.	6.6	108
27	Structure, Divergence, and Distribution of the CRR Centromeric Retrotransposon Family in Rice. <i>Molecular Biology and Evolution</i> , 2005, 22, 845-855.	8.9	91
28	Maize Centromeres: Organization and Functional Adaptation in the Genetic Background of Oat. <i>Plant Cell</i> , 2004, 16, 571-581.	6.6	241
29	Sequencing of a rice centromere uncovers active genes. <i>Nature Genetics</i> , 2004, 36, 138-145.	21.4	489
30	Molecular and Cytological Analyses of Large Tracks of Centromeric DNA Reveal the Structure and Evolutionary Dynamics of Maize Centromeres. <i>Genetics</i> , 2003, 163, 759-770.	2.9	155
31	Chromatin Immunoprecipitation Reveals That the 180-bp Satellite Repeat Is the Key Functional DNA Element of <i>Arabidopsis thaliana</i> Centromeres. <i>Genetics</i> , 2003, 163, 1221-1225.	2.9	254
32	Centromeric Retroelements and Satellites Interact with Maize Kinetochores Protein CENH3. <i>Plant Cell</i> , 2002, 14, 2825-2836.	6.6	354
33	A novel repetitive sequence of sugar cane, SCEN family, locating on centromeric regions. <i>Chromosome Research</i> , 1998, 6, 295-302.	2.2	51