Kiyotaka Nagaki

List of Publications by Year
in descending order

33 papers	2,412 citations	430874 18 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	1748 citing authors

#	Article	IF	Citations
1	Sequencing of a rice centromere uncovers active genes. Nature Genetics, 2004, 36, 138-145.	21.4	489
2	Centromeric Retroelements and Satellites Interact with Maize Kinetochore Protein CENH3. Plant Cell, 2002, 14, 2825-2836.	6.6	354
3	Chromatin Immunoprecipitation Reveals That the 180-bp Satellite Repeat Is the Key Functional DNA Element of <i>Arabidopsis thaliana</i> Centromeres. Genetics, 2003, 163, 1221-1225.	2.9	254
4	Maize Centromeres: Organization and Functional Adaptation in the Genetic Background of Oat. Plant Cell, 2004, 16, 571-581.	6.6	241
5	Molecular and Cytological Analyses of Large Tracks of Centromeric DNA Reveal the Structure and Evolutionary Dynamics of Maize Centromeres. Genetics, 2003, 163, 759-770.	2.9	155
6	Visualization of Diffuse Centromeres with Centromere-Specific Histone H3 in the Holocentric Plant<i>Luzula nivea</i>Â. Plant Cell, 2005, 17, 1886-1893.	6.6	108
7	CENH3 interacts with the centromeric retrotransposon cereba and GC-rich satellites and locates to centromeric substructures in barley. Chromosoma, 2007, 116, 275-283.	2.2	107
8	Structure, Divergence, and Distribution of the CRR Centromeric Retrotransposon Family in Rice. Molecular Biology and Evolution, 2005, 22, 845-855.	8.9	91
9	Characterization of CENH3 and centromere-associated DNA sequences in sugarcane. Chromosome Research, 2005, 13, 195-203.	2.2	81
10	Holocentric Chromosomes of <i>Luzula elegans</i> Are Characterized by a Longitudinal Centromere Groove, Chromosome Bending, and a Terminal Nucleolus Organizer Region. Cytogenetic and Genome Research, 2011, 134, 220-228.	1.1	65
11	Identification and characterization of functional centromeres of the common bean. Plant Journal, 2013, 76, 47-60.	5.7	61
12	Functional centromeres in soybean include two distinct tandem repeats and a retrotransposon. Chromosome Research, 2010, 18, 337-347.	2.2	58
13	A novel repetitive sequence of sugar cane, SCEN family, locating on centromeric regions. Chromosome Research, 1998, 6, 295-302.	2.2	51
14	CENH3 distribution and differential chromatin modifications during pollen development in rye (Secale) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	44
15	A centromeric DNA sequence colocalized with a centromere-specific histone H3 in tobacco. Chromosoma, 2009, 118, 249-257.	2.2	43
16	Functional centromeres in Astragalus sinicus include a compact centromere-specific histone H3 and a 20-bp tandem repeat. Chromosome Research, 2011, 19, 969-978.	2.2	30
17	Chromosome Dynamics Visualized with an Anti-Centromeric Histone H3 Antibody in Allium. PLoS ONE, 2012, 7, e51315.	2.5	26
18	Coexistence of NtCENH3 and two retrotransposons in tobacco centromeres. Chromosome Research, 2011, 19, 591-605.	2.2	20

#	Article	IF	Citations
19	ePro-ClearSee: a simple immunohistochemical method that does not require sectioning of plant samples. Scientific Reports, 2017, 7, 42203.	3.3	17
20	Centromere targeting of alien CENH3s in Arabidopsis and tobacco cells. Chromosome Research, 2010, 18, 203-211.	2.2	15
21	Isolation of centromeric-tandem repetitive DNA sequences by chromatin affinity purification using a HaloTag7-fused centromere-specific histone H3 in tobacco. Plant Cell Reports, 2012, 31, 771-779.	5.6	15
22	Tobacco karyotyping by accurate centromere identification and novel repetitive DNA localization. Chromosome Research, 2013, 21, 375-381.	2.2	15
23	Sunflower centromeres consist of a centromere-specific LINE and a chromosome-specific tandem repeat. Frontiers in Plant Science, 2015, 6, 912.	3.6	15
24	Structure and Evolution of Plant Centromeres. Progress in Molecular and Subcellular Biology, 2009, 48, 153-179.	1.6	14
25	Modification of centromere structure: a promising approach for haploidline production in plant breeding. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2015, 39, 557-562.	2.1	12
26	Identification of the centromere-specific histone H3 variant in Lotus japonicus. Gene, 2014, 538, 8-11.	2.2	8
27	Decrosslinking enables visualization of RNA-guided endonucleaseâ€"in situ labeling signals for DNA sequences in plant tissues. Journal of Experimental Botany, 2020, 71, 1792-1800.	4.8	8
28	Characterization of the two centromeric proteins CENP-C and MIS12 in Nicotiana species. Chromosome Research, 2009, 17, 719-726.	2.2	6
29	Effectiveness of Create ML in microscopy image classifications: a simple and inexpensive deep learning pipeline for non-data scientists. Chromosome Research, 2021, 29, 361-371.	2.2	4
30	Diploid Male Gametes Circumvent Hybrid Sterility Between Asian and African Rice Species. Frontiers in Plant Science, 2020, 11, 579305.	3.6	3
31	Chromatin Immunoprecipitation for Detecting Epigenetic Marks on Plant Nucleosomes. Methods in Molecular Biology, 2016, 1469, 197-206.	0.9	1
32	Application of CRISPR/Cas9 to visualize defined genomic sequences in fixed chromosomes and nuclei. , 2021, , 147-153.		1
33	Currents in Cytogeneticsâ€"Faster, Wider, Finer, and Creation: Old but New Technology for Genome Visualization. Kagaku To Seibutsu, 2020, 58, 606-613.	0.0	0