

Nam-Soo Kim

List of Publications by Year in descending order

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65
papers

1,091
citations

471509

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454955

30
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67
all docs

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docs citations

67
times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic perspectives on epigenetics. <i>Genes and Genomics</i> , 2022, 44, 247-249.	1.4	1
2	Plastid Genomes of the Early Vascular Plant Genus <i>Selaginella</i> Have Unusual Direct Repeat Structures and Drastically Reduced Gene Numbers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 641.	4.1	10
3	Sequence-Specific Amplified Polymorphism (SSAP) and Sequence Characterized Amplified Region (SCAR) Markers in <i>Zea mays</i> . <i>Methods in Molecular Biology</i> , 2021, 2250, 207-218.	0.9	1
4	Advancement of chromosome science in the genomics era. <i>Genes and Genomics</i> , 2021, 43, 195-198.	1.4	0
5	Gene Expression and Isoform Identification of PacBio Full-Length cDNA Sequences for Berberine Biosynthesis in <i>Berberis koreana</i> . <i>Plants</i> , 2021, 10, 1314.	3.5	10
6	Identification of resurrection genes from the transcriptome of dehydrated and rehydrated <i>Selaginella tamariscina</i> . <i>Plant Signaling and Behavior</i> , 2021, 16, 1973703.	2.4	4
7	Detection of mPing mobilization in transgenic rice plants. <i>Genes and Genomics</i> , 2020, 42, 47-54.	1.4	2
8	Comprehensive genomic analyses with 115 plastomes from algae to seed plants: structure, gene contents, GC contents, and introns. <i>Genes and Genomics</i> , 2020, 42, 553-570.	1.4	19
9	The C- and G-value paradox with polyploidy, repeatomes, introns, phenomes and cell economy. <i>Genes and Genomics</i> , 2020, 42, 699-714.	1.4	21
10	Cytological variations and long terminal repeat (LTR) retrotransposon diversities among diploids and B-chromosome aneuploids in <i>Lilium amabile</i> Palibin. <i>Genes and Genomics</i> , 2019, 41, 941-950.	1.4	2
11	Karyotype and B chromosome variation in <i>Lilium amabile</i> Palibin. <i>Genes and Genomics</i> , 2019, 41, 647-655.	1.4	4
12	NGS sequencing reveals that many of the genetic variations in transgenic rice plants match the variations found in natural rice population. <i>Genes and Genomics</i> , 2019, 41, 213-222.	1.4	8
13	Characterization of chloroplast genomes of <i>Alnus rubra</i> and <i>Betula cordifolia</i> , and their use in phylogenetic analyses in Betulaceae. <i>Genes and Genomics</i> , 2019, 41, 305-316.	1.4	4
14	De novo transcriptome sequencing and gene expression profiling with/without B-chromosome plants of <i>Lilium amabile</i> . <i>Genomics and Informatics</i> , 2019, 17, e27.	0.8	6
15	Retrotransposons in <i>Betula nana</i> , and interspecific relationships in the Betuloideae, based on inter-retrotransposon amplified polymorphism (IRAP) markers. <i>Genes and Genomics</i> , 2018, 40, 511-519.	1.4	3
16	Ty3/Gypsy retrotransposons in the Pacific abalone <i>Haliotis discus hannai</i> : characterization and use for species identification in the genus <i>Haliotis</i> . <i>Genes and Genomics</i> , 2018, 40, 177-187.	1.4	4
17	Development of CACTA transposon derived SCAR markers and their use in population structure analysis in <i>Zea mays</i> . <i>Genetica</i> , 2018, 146, 1-12.	1.1	10
18	Construction of genetic linkage map and identification of QTLs related to agronomic traits in maize using DNA transposon-based markers. <i>Breeding Science</i> , 2018, 68, 465-473.	1.9	6

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19	Rapid and Efficient FISH using Pre-Labeled Oligomer Probes. <i>Scientific Reports</i> , 2018, 8, 8224.	3.3	42
20	The genomes and transposable elements in plants: are they friends or foes?. <i>Genes and Genomics</i> , 2017, 39, 359-370.	1.4	14
21	A bioinformatics approach for identifying transgene insertion sites using whole genome sequencing data. <i>BMC Biotechnology</i> , 2017, 17, 67.	3.3	42
22	Chloroplast genomes of <i>Lilium lancifolium</i> , <i>L. amabile</i> , <i>L. callosum</i> , and <i>L. philadelphicum</i> : Molecular characterization and their use in phylogenetic analysis in the genus <i>Lilium</i> and other allied genera in the order Liliales. <i>PLoS ONE</i> , 2017, 12, e0186788.	2.5	19
23	Genetic diversity analysis of maize lines using AFLP and TE-based molecular marker systems. <i>Genes and Genomics</i> , 2016, 38, 1005-1012.	1.4	4
24	Comparison of molecular genetic utilities of TD, AFLP, and MSAP among the accessions of japonica, indica, and Tongil of <i>Oryza sativa</i> L.. <i>Genes and Genomics</i> , 2016, 38, 819-830.	1.4	8
25	Translational genomics for human diseases: toward a new era of precision medicine. <i>Genes and Genomics</i> , 2016, 38, 573-575.	1.4	2
26	Natural triploid <i>Lilium leichtlinii</i> var. <i>maximowiczii</i> populations in Korea. <i>Plant Species Biology</i> , 2016, 31, 98-106.	1.0	10
27	Ribosomal DNA locus variation and REMAP analysis of the diploid and triploid complexes of <i>Lilium lancifolium</i> . <i>Genome</i> , 2016, 59, 551-564.	2.0	10
28	Genetic diversity and structure analyses on the natural populations of diploids and triploids of tiger lily, <i>Lilium lancifolium</i> Thunb., from Korea, China, and Japan. <i>Genes and Genomics</i> , 2016, 38, 467-477.	1.4	9
29	Meeting report: The biology of genomes and proteomes. <i>Genes and Genomics</i> , 2015, 37, 567-570.	1.4	0
30	Transposable elements and genomics. <i>Genes and Genomics</i> , 2015, 37, 111-112.	1.4	2
31	LTR-retrotransposons and inter-retrotransposon amplified polymorphism (IRAP) analysis in <i>Lilium</i> species. <i>Genetica</i> , 2015, 143, 343-352.	1.1	18
32	Genetic and epigenetic diversity among dent, waxy, and sweet corns. <i>Genes and Genomics</i> , 2015, 37, 865-874.	1.4	13
33	Marker utility of transposable elements for plant genetics, breeding, and ecology: a review. <i>Genes and Genomics</i> , 2015, 37, 141-151.	1.4	36
34	A new active CACTA element and transposition activity in ecotype differentiation of <i>Arabidopsis</i> . <i>Genes and Genomics</i> , 2014, 36, 229-238.	1.4	4
35	Meeting report: plant genetics and molecular biology. <i>Genes and Genomics</i> , 2014, 36, 125-127.	1.4	0
36	Transposable Elements and Genome Size Variations in Plants. <i>Genomics and Informatics</i> , 2014, 12, 87.	0.8	163

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37	Pong-like elements in Arabidopsis and Brassica rapa: its regulation of F-box protein gene in different ecotypes of Arabidopsis thaliana. <i>Genes and Genomics</i> , 2013, 35, 787-794.	1.4	0
38	Meeting report: genetics and genome engineering. <i>Genes and Genomics</i> , 2013, 35, 411-413.	1.4	0
39	Meeting report: Frontiers in genetics: genomics and epigenomics. <i>Genes and Genomics</i> , 2013, 35, 559-562.	1.4	0
40	Isolation and characterization of novel <i>Ty1-copia</i> -like retrotransposons from lily. <i>Genome</i> , 2013, 56, 495-503.	2.0	17
41	Meeting report: stem cell biology and epigenetics. <i>Genes and Genomics</i> , 2013, 35, 681-684.	1.4	0
42	Isolation of cold-responsive genes from garlic, <i>Allium sativum</i> . <i>Genes and Genomics</i> , 2012, 34, 93-101.	1.4	10
43	CACTA transposon-derived Ti-SCARs for cultivar fingerprinting in rapeseed. <i>Genes and Genomics</i> , 2012, 34, 575-579.	1.4	5
44	Differentiation of CACTA-like Elements in Arabidopsis. , 2012, , 325-341.		2
45	Species relationships among <i>Allium</i> species by ISSR analysis. <i>Horticulture Environment and Biotechnology</i> , 2012, 53, 256-262.	2.1	16
46	Sequence Variation and Comparison of the 5S rRNA Sequences in <i>Allium</i> Species and their Chromosomal Distribution in Four <i>Allium</i> Species. <i>Journal of Plant Biology</i> , 2012, 55, 15-25.	2.1	13
47	Meeting report : Innovation in biology for the next generation!. <i>Genes and Genomics</i> , 2011, 33, 457-459.	1.4	0
48	Development of expressed sequence tag derived-simple sequence repeats in the genus <i>Lilium</i> . <i>Genes and Genomics</i> , 2011, 33, 727-733.	1.4	27
49	Sequence diversification of 45S rRNA ITS, trnH-psbA spacer, and matK genic regions in several <i>Allium</i> species. <i>Genes and Genomics</i> , 2010, 32, 165-172.	1.4	8
50	Sequence variation in ITS spacers and 5.8S rDNA and relationship of E, St, P, Ns, Xm, and H genomes in the genera of <i>Agropyron</i> , <i>Elytrigia</i> , <i>Leymus</i> , <i>Pascopyrum</i> , <i>Psathyrostachys</i> , and <i>Hordeum</i> . <i>Genes and Genomics</i> , 2010, 32, 477-485.	1.4	1
51	Intron loss mediated structural dynamics and functional differentiation of the polygalacturonase gene family in land plants. <i>Genes and Genomics</i> , 2010, 32, 570-577.	1.4	33
52	Sequence Diversity of a Domesticated Transposase Gene, MUG1, in <i>Oryza</i> Species. <i>Molecules and Cells</i> , 2009, 27, 459-466.	2.6	2
53	Simple Sequence Repeat Polymorphisms (SSRPs) for Evaluation of Molecular Diversity and Germplasm Classification of Minor Crops. <i>Molecules</i> , 2009, 14, 4546-4569.	3.8	124
54	Genetic diversity and phylogenetic relationship in AA <i>Oryza</i> species as revealed by Rim2/Hipa CACTA transposon display. <i>Genes and Genetic Systems</i> , 2006, 81, 93-101.	0.7	28

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55	Genetic mapping of the Isaac-CACTA transposon in maize. <i>Theoretical and Applied Genetics</i> , 2006, 113, 16-22.	3.6	24
56	Genetic diversity of maize kernel starch-synthesis genes with SNAPs. <i>Genome</i> , 2006, 49, 1287-1296.	2.0	28
57	CACTA and MITE transposon distributions on a genetic map of rice using F15 RILs derived from Milyang 23 and Gihobyeo hybrids. <i>Molecules and Cells</i> , 2006, 21, 360-6.	2.6	17
58	Isolation and characterization of microsatellite markers in <i>Perilla frutescens</i> Brit. <i>Molecular Ecology Notes</i> , 2005, 5, 455-457.	1.7	25
59	Rim 2/Hipa CACTA transposon display: a new genetic marker technique in <i>Oryza</i> species. <i>BMC Genetics</i> , 2005, 6, 15.	2.7	49
60	Isaac-CACTA transposons: new genetic markers in maize and sorghum. <i>Genome</i> , 2005, 48, 455-460.	2.0	14
61	Genetic variation in <i>Oryza</i> species detected by MITE-AFLP.. <i>Genes and Genetic Systems</i> , 2003, 78, 235-243.	0.7	18
62	A new MITE family, Pangrangja, in Gramineae species. <i>Molecules and Cells</i> , 2003, 15, 373-80.	2.6	7
63	Genetic Diversity of <i>Perilla</i> and Related Weedy Types in Korea Determined by AFLP Analyses. <i>Crop Science</i> , 2002, 42, 2161-2166.	1.8	56
64	Chromosomal Localization and Sequence Variation of 5S rRNA Gene in Five <i>Capsicum</i> Species. <i>Molecules and Cells</i> , 2000, 10, 18-24.	2.6	34
65	Genetic and cytogenetic analyses of the A genome of <i>Triticum monococcum</i> . VIII. Localization of rDNAs and characterization of 5S rRNA genes. <i>Genome</i> , 1993, 36, 77-86.	2.0	21