

Ilya Kirov

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

937
citations

623574

14
h-index

477173

29
g-index

36
all docs

36
docs citations

36
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-quality genome sequence of <i>Rosa chinensis</i> to elucidate ornamental traits. <i>Nature Plants</i> , 2018, 4, 473-484.	4.7	224
2	Molecular Cytogenetic Characterization of the Dioecious <i>Cannabis sativa</i> with an XY Chromosome Sex Determination System. <i>PLoS ONE</i> , 2014, 9, e85118.	1.1	111
3	An easy "SteamDrop" method for high quality plant chromosome preparation. <i>Molecular Cytogenetics</i> , 2014, 7, 21.	0.4	94
4	DRAWID: user-friendly java software for chromosome measurements and idiogram drawing. <i>Comparative Cytogenetics</i> , 2017, 11, 747-757.	0.3	62
5	Tandem repeats of <i>Allium fistulosum</i> associated with major chromosomal landmarks. <i>Molecular Genetics and Genomics</i> , 2017, 292, 453-464.	1.0	52
6	Distinct types of short open reading frames are translated in plant cells. <i>Genome Research</i> , 2019, 29, 1464-1477.	2.4	43
7	Pilot satellitome analysis of the model plant, <i>Physcomitrella patens</i> , revealed a transcribed and high-copy IGS related tandem repeat. <i>Comparative Cytogenetics</i> , 2018, 12, 493-513.	0.3	35
8	Anchoring Linkage Groups of the <i>Rosa</i> Genetic Map to Physical Chromosomes with Tyramide-FISH and EST-SNP Markers. <i>PLoS ONE</i> , 2014, 9, e95793.	1.1	27
9	Phytohormone treatment induces generation of cryptic peptides with antimicrobial activity in the Moss <i>Physcomitrella patens</i> . <i>BMC Plant Biology</i> , 2019, 19, 9.	1.6	26
10	Evolution of blue-flowered species of genus <i>Linum</i> based on high-throughput sequencing of ribosomal RNA genes. <i>BMC Evolutionary Biology</i> , 2017, 17, 253.	3.2	25
11	Towards a FISH-based karyotype of <i>Rosa</i> L. (Rosaceae). <i>Comparative Cytogenetics</i> , 2016, 10, 543-554.	0.3	21
12	Alternative splicing shapes transcriptome but not proteome diversity in <i>Physcomitrella patens</i> . <i>Scientific Reports</i> , 2017, 7, 2698.	1.6	17
13	Using a personalized clinical decision support system for bromdihydrochlorphenylbenzodiazepine dosing in patients with anxiety disorders based on the pharmacogenomic markers. <i>Human Psychopharmacology</i> , 2018, 33, e2677.	0.7	17
14	Variation in Copy Number of Ty3/Gypsy Centromeric Retrotransposons in the Genomes of <i>Thinopyrum</i> intermedium and Its Diploid Progenitors. <i>PLoS ONE</i> , 2016, 11, e0154241.	1.1	16
15	Characterization of repeated DNA sequences in genomes of blue-flowered flax. <i>BMC Evolutionary Biology</i> , 2019, 19, 49.	3.2	16
16	Nanopore RNA Sequencing Revealed Long Non-Coding and LTR Retrotransposon-Related RNAs Expressed at Early Stages of Triticale SEED Development. <i>Plants</i> , 2020, 9, 1794.	1.6	16
17	Chromosomal organization of centromeric Ty3/gypsy retrotransposons in <i>Allium cepa</i> L. and <i>Allium fistulosum</i> L. <i>Russian Journal of Genetics</i> , 2014, 50, 586-592.	0.2	14
18	Genomic and Transcriptomic Survey Provides New Insight into the Organization and Transposition Activity of Highly Expressed LTR Retrotransposons of Sunflower (<i>Helianthus annuus</i> L.). <i>International Journal of Molecular Sciences</i> , 2020, 21, 9331.	1.8	13

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19	Integration of Physical, Genetic, and Cytogenetic Mapping Data for Cellulose Synthase (CesA) Genes in Flax (<i>Linum usitatissimum</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 1467.	1.7	12
20	High resolution physical mapping of single gene fragments on pachytene chromosome 4 and 7 of <i>Rosa</i> . <i>BMC Genetics</i> , 2015, 16, 74.	2.7	9
21	Pipeline for the Rapid Development of Cytogenetic Markers Using Genomic Data of Related Species. <i>Genes</i> , 2019, 10, 113.	1.0	9
22	Salicylic acid influences the protease activity and posttranslation modifications of the secreted peptides in the moss <i>Physcomitrella patens</i> . <i>Journal of Peptide Science</i> , 2019, 25, e3138.	0.8	9
23	Effect of Grafting on Viral Resistance of Non-transgenic Plum Scion Combined With Transgenic PPV-Resistant Rootstock. <i>Frontiers in Plant Science</i> , 2021, 12, 621954.	1.7	9
24	Transposons Hidden in <i>Arabidopsis thaliana</i> Genome Assembly Gaps and Mobilization of Non-Autonomous LTR Retrotransposons Unravelling by Nanotei Pipeline. <i>Plants</i> , 2021, 10, 2681.	1.6	9
25	Searching for a Needle in a Haystack: Cas9-Targeted Nanopore Sequencing and DNA Methylation Profiling of Full-Length Glutenin Genes in a Big Cereal Genome. <i>Plants</i> , 2022, 11, 5.	1.6	9
26	Comparative Tyramide-FISH mapping of the genes controlling flavor and bulb color in <i>Allium</i> species revealed an altered gene order. <i>Scientific Reports</i> , 2019, 9, 12007.	1.6	7
27	THE CHROMOSOME ORGANIZATION OF GENES AND SOME TYPES OF EXTRAGENIC DNA IN <i>ALLIUM</i> . <i>Acta Horticulturae</i> , 2012, , 43-51.	0.1	6
28	Cytology and fertility of amphidiploid hybrids between <i>Nicotiana wuttkei</i> Clarkson et Symon and <i>N. tabacum</i> L.. <i>Euphytica</i> , 2015, 206, 597-608.	0.6	6
29	Analysis of Wheat Bread-Making Gene (wbm) Evolution and Occurrence in Triticale Collection Reveal Origin via Interspecific Introgression into Chromosome 7AL. <i>Agronomy</i> , 2019, 9, 854.	1.3	5
30	Functional <i>Allium fistulosum</i> Centromeres Comprise Arrays of a Long Satellite Repeat, Insertions of Retrotransposons and Chloroplast DNA. <i>Frontiers in Plant Science</i> , 2020, 11, 562001.	1.7	5
31	A Dual-Color Tyr-FISH Method for Visualizing Genes/Markers on Plant Chromosomes to Create Integrated Genetic and Cytogenetic Maps. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5860.	1.8	5
32	Impact of Noncoding Part of the Genome on the Proteome Plasticity of the Eukaryotic Cell. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 397-402.	0.3	2
33	Cytogenetic study of onion (<i>Allium cepa</i> L.) by physical mapping of ESTs. , 2017, , .		0