

Eva Hribova

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,950
citations

236925

25
h-index

214800

47
g-index

55
all docs

55
docs citations

55
times ranked

3532
citing authors

#	ARTICLE	IF	CITATIONS
1	The banana (<i>Musa acuminata</i>) genome and the evolution of monocotyledonous plants. <i>Nature</i> , 2012, 488, 213-217.	27.8	1,049
2	Plant centromeric retrotransposons: a structural and cytogenetic perspective. <i>Mobile DNA</i> , 2011, 2, 4.	3.6	186
3	Coupling amplified DNA from flow-sorted chromosomes to high-density SNP mapping in barley. <i>BMC Genomics</i> , 2008, 9, 294.	2.8	120
4	Molecular and cytological characterization of the global <i>Musa</i> germplasm collection provides insights into the treasure of banana diversity. <i>Biodiversity and Conservation</i> , 2017, 26, 801-824.	2.6	108
5	Repetitive part of the banana (<i>Musa acuminata</i>) genome investigated by low-depth 454 sequencing. <i>BMC Plant Biology</i> , 2010, 10, 204.	3.6	90
6	Telomere-to-telomere gapless chromosomes of banana using nanopore sequencing. <i>Communications Biology</i> , 2021, 4, 1047.	4.4	86
7	Did backcrossing contribute to the origin of hybrid edible bananas?. <i>Annals of Botany</i> , 2010, 106, 849-857.	2.9	79
8	The ITS1-5.8S-ITS2 Sequence Region in the Musaceae: Structure, Diversity and Use in Molecular Phylogeny. <i>PLoS ONE</i> , 2011, 6, e17863.	2.5	79
9	Advanced resources for plant genomics: a BAC library specific for the short arm of wheat chromosome 1B. <i>Plant Journal</i> , 2006, 47, 977-986.	5.7	71
10	The <i>Agropyron cristatum</i> karyotype, chromosome structure and cross-genome homoeology as revealed by fluorescence in situ hybridization with tandem repeats and wheat single-gene probes. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2213-2227.	3.6	64
11	Fonio millet genome unlocks African orphan crop diversity for agriculture in a changing climate. <i>Nature Communications</i> , 2020, 11, 4488.	12.8	63
12	A multi gene sequence-based phylogeny of the Musaceae (banana) family. <i>BMC Evolutionary Biology</i> , 2011, 11, 103.	3.2	62
13	A Genome-Wide Association Study on the Seedless Phenotype in Banana (<i>Musa</i> spp.) Reveals the Potential of a Selected Panel to Detect Candidate Genes in a Vegetatively Propagated Crop. <i>PLoS ONE</i> , 2016, 11, e0154448.	2.5	61
14	Chromosome Painting Facilitates Anchoring Reference Genome Sequence to Chromosomes In Situ and Integrated Karyotyping in Banana (<i>Musa</i> Spp.). <i>Frontiers in Plant Science</i> , 2019, 10, 1503.	3.6	59
15	Genome-Wide Analysis of Repeat Diversity across the Family Musaceae. <i>PLoS ONE</i> , 2014, 9, e98918.	2.5	54
16	A platform for efficient genotyping in <i>Musa</i> using microsatellite markers. <i>AoB PLANTS</i> , 2011, 2011, plr024.	2.3	53
17	Challenges of flow cytometric estimation of nuclear genome size in orchids, a plant group with both whole genome and progressively partial endoreplication. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 958-966.	1.5	51
18	Genomic Prediction in a Multiploid Crop: Genotype by Environment Interaction and Allele Dosage Effects on Predictive Ability in Banana. <i>Plant Genome</i> , 2018, 11, 170090.	2.8	50

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19	Molecular and Cytogenetic Study of East African Highland Banana. <i>Frontiers in Plant Science</i> , 2018, 9, 1371.	3.6	50
20	Molecular Analysis and Genomic Organization of Major DNA Satellites in Banana (<i>Musa</i> spp.). <i>PLoS ONE</i> , 2013, 8, e54808.	2.5	49
21	Exploring the tertiary gene pool of bread wheat: sequence assembly and analysis of chromosome 5M ^g of <i>Aegilops geniculata</i> . <i>Plant Journal</i> , 2015, 84, 733-746.	5.7	48
22	Trait variation and genetic diversity in a banana genomic selection training population. <i>PLoS ONE</i> , 2017, 12, e0178734.	2.5	36
23	Molecular and Cytogenetic Characterization of Wild <i>Musa</i> Species. <i>PLoS ONE</i> , 2015, 10, e0134096.	2.5	36
24	Chromosome evolution and the genetic basis of agronomically important traits in greater yam. <i>Nature Communications</i> , 2022, 13, 2001.	12.8	35
25	Integration of genetic and physical maps of the chickpea (<i>Cicer arietinum</i> L.) genome using flow-sorted chromosomes. <i>Chromosome Research</i> , 2011, 19, 729-739.	2.2	34
26	Flow Sorting and Sequencing Meadow Fescue Chromosome 4F. <i>Plant Physiology</i> , 2013, 163, 1323-1337.	4.8	27
27	Repetitive DNA: A Versatile Tool for Karyotyping in <i>Festuca pratensis</i> Huds.. <i>Cytogenetic and Genome Research</i> , 2017, 151, 96-105.	1.1	24
28	CRISPR/Cas9-Based RGEN-ISL Allows the Simultaneous and Specific Visualization of Proteins, DNA Repeats, and Sites of DNA Replication. <i>Cytogenetic and Genome Research</i> , 2019, 159, 48-53.	1.1	24
29	The Enigma of Progressively Partial Endoreplication: New Insights Provided by Flow Cytometry and Next-Generation Sequencing. <i>Genome Biology and Evolution</i> , 2016, 8, 1996-2005.	2.5	19
30	The Dark Matter of Large Cereal Genomes: Long Tandem Repeats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2483.	4.1	19
31	Comparing Super-Resolution Microscopy Techniques to Analyze Chromosomes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1903.	4.1	18
32	Chromosome Painting in Cultivated Bananas and Their Wild Relatives (<i>Musa</i> spp.) Reveals Differences in Chromosome Structure. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7915.	4.1	17
33	The Formation of Sex Chromosomes in <i>Silene latifolia</i> and <i>S. dioica</i> Was Accompanied by Multiple Chromosomal Rearrangements. <i>Frontiers in Plant Science</i> , 2020, 11, 205.	3.6	14
34	DNA replication and chromosome positioning throughout the interphase in three-dimensional space of plant nuclei. <i>Journal of Experimental Botany</i> , 2020, 71, 6262-6272.	4.8	13
35	Comparative analyses of DNA repeats and identification of a novel <i>Fesreba</i> centromeric element in fescues and ryegrasses. <i>BMC Plant Biology</i> , 2020, 20, 280.	3.6	11
36	Fine structure and transcription dynamics of bread wheat ribosomal DNA loci deciphered by a multi-omics approach. <i>Plant Genome</i> , 2022, , e20191.	2.8	10

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37	The Puzzling Fate of a Lupin Chromosome Revealed by Reciprocal Oligo-FISH and BAC-FISH Mapping. <i>Genes</i> , 2020, 11, 1489.	2.4	9
38	An Increasing Need for Productive and Stress Resilient Festulolium Amphiploids: What Can Be Learnt from the Stable Genomic Composition of <i>Festuca pratensis</i> subsp. <i>apennina</i> (De Not.) Hegi?. <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	8
39	Molecular Cytogenetic Mapping of Satellite DNA Sequences in <i>Aegilops geniculata</i> and <i>Aegilops tauschii</i> and Wheat. <i>Cytogenetic and Genome Research</i> , 2016, 148, 314-321.	1.1	7
40	Advances in the Molecular Cytogenetics of Bananas, Family Musaceae. <i>Plants</i> , 2022, 11, 482.	3.5	7
41	Cytological and Molecular Characterization for Ploidy Determination in Yams (<i>Dioscorea</i> spp.). <i>Agronomy</i> , 2021, 11, 1897.	3.0	6
42	Draft Sequencing Crested Wheatgrass Chromosomes Identified Evolutionary Structural Changes and Genes and Facilitated the Development of SSR Markers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3191.	4.1	6
43	B Chromosomes in Genus <i>Sorghum</i> (Poaceae). <i>Plants</i> , 2021, 10, 505.	3.5	5
44	New chromosome counts and genome size estimates for 28 species of <i>Taraxacum</i> sect. <i>Taraxacum</i> . <i>Comparative Cytogenetics</i> , 2018, 12, 403-420.	0.8	5
45	New insights into ribosomal DNA variation in apomictic and sexual <i>Taraxacum</i> (Asteraceae). <i>Botanical Journal of the Linnean Society</i> , 2022, 199, 790-815.	1.6	5
46	Karyotype Differentiation in Cultivated Chickpea Revealed by Oligopainting Fluorescence in situ Hybridization. <i>Frontiers in Plant Science</i> , 2021, 12, 791303.	3.6	4
47	Cytogenetics of <i>Cicer</i> . <i>Compendium of Plant Genomes</i> , 2017, , 25-41.	0.5	2