Alexander Rodionov

List of Publications by Year
in descending order

63 papers	756 citations	706676 14 h-index	685536 24 g-index
68 all docs	68 docs citations	68 times ranked	696 citing authors

#	Article	IF	Citations
1	New insights into the genomic structure of the oats (Avena L., Poaceae): intragenomic polymorphism of ITS1 sequences of rare endemic species Avena bruhnsiana Gruner and its relationship to other species with C-genomes. Euphytica, 2022, 218, 1.	0.6	7
2	New Insights into the Genomic Structure of Avena L.: Comparison of the Divergence of A-Genome and One C-Genome Oat Species. Plants, 2022, 11, 1103.	1.6	2
3	Assessment of oat varieties with different levels of breeding refinement from the Vavilov Instituteâ€™s collection applying the method of metabolomic profiling. Proceedings on Applied Botany, Genetics and Breeding, 2022, 183, 104-117.	0.1	2
4	Feulgen Testing of the Nuclei of Leaf Cells of Taxodium dubium (Cupressaceae) from the Eocene Tavda Flora of Western Siberia. Paleontological Journal, 2022, 56, 311-316.	0.2	0
5	Chloroplast Genome of Native Silene latifolia subsp. alba from Fennoscandia Shows High Level of Differences from Invasive White Campion. Plant Molecular Biology Reporter, 2021, 39, 226-239.	1.0	2
6	Chromosomes of fossilized Metasequoia from early Oligocene of Siberia. Review of Palaeobotany and Palynology, 2021, 287, 104365.	0.8	4
7	The Origin and Resource Potential of Wild and Cultivated Species of the Genus of Oats (Avena L.). Russian Journal of Genetics, 2021, 57, 642-661.	0.2	8
8	Confirmation of species independence and affinity of Musa huangbaioa (Musaceae) â€“ rare endemic banana of China â€“ according to the molecular phylogenetic data. Turczaninowia, 2021, 24, 56-66.	0.2	0
9	IAPT chromosome data 34. Taxon, 2021, 70, 1148-1152.	0.4	2
10	IAPT chromosome data 35. Taxon, 2021, 70, 1402-1411.	0.4	1
11	Is Rosa Ã— archipelagica (Rosaceae, Rosoideae) really a spontaneous intersectional hybrid between R. rugosa and R. maximowicziana? Molecular data confirmation and evidence of paternal leakage . Phytotaxa, 2020, 428, 93-103.	0.1	2
12	IAPT chromosome data 32. Taxon, 2020, 69, 1126-1132.	0.4	4
13	Phenomenon of Multiple Mutations in the 35S rRNA Genes of the C Subgenome of Polyploid Avena L.. Russian Journal of Genetics, 2020, 56, 674-683.	0.2	6
14	The Law of Homologous Series in Variation for Systematics. Russian Journal of Genetics, 2020, 56, 1277-1287.	0.2	2
15	Intragenomic Polymorphism of the ITS 1 Region of 35S rRNA Gene in the Group of Grasses with Two-Chromosome Species: Different Genome Composition in Closely Related Zingeria Species. Plants, 2020, 9, 1647.	1.6	7
16	ITS1â€“5.8S rDNAâ€“ITS2 and trnL-trnF Sequences as Markers for the Study of Species Diversity of Altai Feather Grasses. Russian Journal of Genetics, 2020, 56, 417-428.	0.2	1
17	Use of DNA-specific stains as indicators of nuclei and extranuclear substances in leaf cells of the Middle Eocene Metasequoia from Arctic Canada. Review of Palaeobotany and Palynology, 2020, 279, 104211.	0.8	5
18	Perspectives of using Illumina MiSeq for identification of arbuscular mycorrhizal fungi. Vavilovskii Zhurnal Genetiki I Selektsii, 2020, 24, 158-167.	0.4	8

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19	The origin of Alopecurus Ã— brachystylus Peterm. according to the results of next-generation sequencing (NGS). , 2020, 19, 5-7.	0.1	0
20	On distinction of the reed species (Phragmites, Poaceae) according to the molecular phylogenetic data. , 2020, 19, 8-13.	0.1	2
21	Introgressive-interspecies complex Musa basjoo sensu lato: results of genetic diversity research by molecular phylogeny methods. Turczaninowia, 2020, 23, 99-110.	0.2	0
22	On the placement of Coleanthus subtilis and the subtribe Coleanthinae within Poaceae by new molecular phylogenetic data . Phytotaxa, 2020, 468, 243-274.	0.1	4
23	Plant DNA Barcodes. Biology Bulletin Reviews, 2019, 9, 295-300.	0.3	14
24	Current State and Prospects of DNA Barcoding and DNA Fingerprinting in the Analysis of the Quality of Plant Raw Materials and Plant-Derived Drugs. Biology Bulletin Reviews, 2019, 9, 301-314.	0.3	7
25	Genetic Consequences of Interspecific Hybridization, Its Role in Speciation and Phenotypic Diversity of Plants. Russian Journal of Genetics, 2019, 55, 278-294.	0.2	20
26	On polyphyly of the former section <i>Ochlopoa</i> and the hybridogenic section <i>Acroleucae</i> (<i>Poa</i> , Poaceae): insights from molecular phylogenetic analyses. Nordic Journal of Botany, 2019, 37, .	0.2	8
27	Molecular cytogenetics of valuable Arctic and sub-Arctic pasture grass species from the Aveneae/Poeae tribe complex (Poaceae). BMC Genetics, 2019, 20, 92.	2.7	5
28	The study of hybridization processes within genus Sparganium L. Subgenus Xanthosparganium holmb. Based on data of next generation sequencing (NGS). Ecological Genetics, 2019, 17, 27-35.	0.1	6
29	Polymorphism of ITS sequences in 35S rRNA genes in Elymus dahuricus aggregate species: two cryptic species?. Vavilovskii Zhurnal Genetiki I Selektsii, 2019, 23, 287-295.	0.4	3
30	Application of Metabolomic Analysis in Exploration of Plant Genetic Resources. Proceedings of the Latvian Academy of Sciences, 2019, 73, 494-501.	0.0	7
31	Polymorphic Sites in ITS1-5.8S rDNA-ITS2 Region in Hybridogenic Genus Ã— Elyhordeum and Putative Interspecific Hybrids Elymus (Poaceae: Triticeae). Russian Journal of Genetics, 2018, 54, 1025-1039.	0.2	6
32	ITS1â€“5.8S rDNAâ€“ITS2 sequence in 35S rRNA genes as marker for reconstruction of phylogeny of grasses (Poaceae family). Biology Bulletin Reviews, 2017, 7, 85-102.	0.3	15
33	Polymorphic sites in transcribed spacers of 35S rRNA genes as an indicator of origin of the Paeonia cultivars. Russian Journal of Genetics, 2017, 53, 202-212.	0.2	11
34	New octoploid Catabrosa (Poaceae) species from Altai. Kew Bulletin, 2016, 71, 1.	0.4	5
35	Molecular phylogenetic study of Xamilenis Raf. recognized as the segregate genus in the Sileneae tribe. Russian Journal of Genetics: Applied Research, 2016, 6, 144-151.	0.4	3
36	Genome: Origins and evolution of the term. Molecular Biology, 2016, 50, 542-550.	0.4	6

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37	Ni hyperaccumulators among North Caucasian plant species of the tribe Alysseae within the Brassicaceae family. Russian Journal of Genetics: Applied Research, 2015, 5, 460-468.	0.4	0
38	Interspecies hybridization in the origin of plant species: Cases in the genus Poa sensu lato. Biology Bulletin Reviews, 2015, 5, 366-382.	0.3	13
39	Two New Species ofPoa(Poaceae) from the Altai Mountains, Southern Siberia. Annales Botanici Fennici, 2015, 52, 19-26.	0.0	2
40	Variability of the ITS1-5.8S rDNA-ITS2 sequence during the divergence of sweet-grass species (Glyceria R.) Tj ETQq0 0 0 rgBT /Overlock 1	0.4	5
41	Interspecific hybridization in the genus Paeonia (Paeoniaceae): Polymorphic sites in transcribed spacers of the 45S rRNA genes as indicators of natural and artificial peony hybrids. Russian Journal of Genetics, 2012, 48, 684-697.	0.2	17
42	The ITS1-5.8S rRNA gene -ITS2 sequence variability during the divergence of sweet-grass species (gen us) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	1
43	The origin of polyploid genomes of bluegrasses Poa L. and Gene flow between northern pacific and sub-Antarctic Islands. Russian Journal of Genetics, 2010, 46, 1407-1416.	0.2	18
44	Grigorii Andreevich Levitsky (1878â€“1942). Russian Journal of Genetics, 2009, 45, 1261-1266.	0.2	1
45	The unique genome of two-chromosome grasses Zingeria and Colpodium, its origin, and evolution. Russian Journal of Genetics, 2009, 45, 1329-1337.	0.2	32
46	Nucleotide composition and CpG and CpNpG content of ITS1, ITS2, and the 5.8S rRNA in representatives of the phylogenetic branches melanthiales-liliales and melanthiales-asparagales (Angiospermae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.4	2
47	Feulgen-positive staining of the cell nuclei in fossilized leaf and fruit tissues of the Lower Eocene Myrtaceae. Botanical Journal of the Linnean Society, 2006, 150, 315-321.	0.8	23
48	Crossing over in chicken (Gallus gallus domesticus) oogenesis: Periodic arrangement of chiasmata over chromosomes. Russian Journal of Genetics, 2006, 42, 691-695.	0.2	0
49	FISH on avian lampbrush chromosomes produces higher resolution gene mapping. Genetica, 2006, 128, 241-251.	0.5	50
50	Interstitial (TTAGGG)n sequences are not hot spots of recombination in the chicken lampbrush macrochromosomes 1â€“3. Chromosome Research, 2005, 13, 551-557.	1.0	16
51	Genomic Configuration of the Autotetraploid Oat Species Avena macrostachya Inferred from Comparative Analysis of ITS1 and ITS2 Sequences: on the Oat Karyotype Evolution during the Early Events of the Avena Species Divergence. Russian Journal of Genetics, 2005, 41, 518-528.	0.2	44
52	Second report on chicken genes and chromosomes 2005. Cytogenetic and Genome Research, 2005, 109, 415-479.	0.6	136
53	Cytogenetic Maps of Lampbrush Chromosomes of Newts of the Genus Pleurodeles: An Algorithm of Lampbrush Chromosome Identification in Pleurodeles waltl by Immunocytochemical Staining of Landmark Loops with Polyclonal Anti-Ro52 Antisera. Russian Journal of Genetics, 2004, 40, 491-499.	0.2	2
54	Chromosome Maps of Trilliaceae: II. A Study of the Genome Composition in Polyploid Species of the Genus Trillium by Fluorescence Nucleotide Base-Specific Staining of Heterochromatic Chromosome Regions. Russian Journal of Genetics, 2004, 40, 882-891.	0.2	1

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55	Chromosome Banding and DNA Methylation Patterns, Chromatin Organisation and Nuclear DNA Content in Zingeria biebersteiniana. Biologia Plantarum, 2003, 46, 543-550.	1.9	26
56	Crossing Over in Chicken Oogenesis: Cytological and Chiasma-Based Genetic Maps of the Chicken Lampbrush Chromosome 1. , 2002, 93, 125-129.		32
57	Chromosome CPD(PI/DAPI)- and CMA/DAPI-Banding Patterns in Allium cepa L.. Russian Journal of Genetics, 2002, 38, 392-398.	0.2	17
58	Title is missing!. Russian Journal of Genetics, 2002, 38, 1054-1059.	0.2	15
59	Title is missing!. Russian Journal of Genetics, 2001, 37, 535-538.	0.2	5
60	Nucleotide Composition of the Cold-Sensitive Heterochromatic Regions in Paris hainanensis Merrill. Russian Journal of Genetics, 2001, 37, 776-782.	0.2	5
61	Compositional mapping of chicken chromosomes and identification of the gene-richest regions. Chromosome Research, 2001, 9, 521-532.	1.0	54
62	The chromosomes ofFestuca pratensis Huds. (Poaceae): fluorochrome banding, heterochromatin and condensation. Chromosome Research, 1995, 3, 66-68.	1.0	2
63	Registration of tsunamis in the open ocean. Marine Geodesy, 1983, 6, 303-310.	0.9	11