

Vladimir A Trifonov

List of Publications by Year in descending order

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148
papers

4,623
citations

109321

35
h-index

133252

59
g-index

156
all docs

156
docs citations

156
times ranked

3746
citing authors

#	ARTICLE	IF	CITATIONS
1	A Complete Comparative Chromosome Map for the Dog, Red Fox, and Human and Its Integration with Canine Genetic Maps. <i>Genomics</i> , 1999, 62, 189-202.	2.9	342
2	Mammalian karyotype evolution. <i>Nature Reviews Genetics</i> , 2007, 8, 950-962.	16.3	275
3	Microdissection based high resolution multicolor banding for all 24 human chromosomes. <i>International Journal of Molecular Medicine</i> , 2002, 9, 335-9.	4.0	179
4	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , 2020, 4, 841-852.	7.8	159
5	The multiple sex chromosomes of platypus and echidna are not completely identical and several share homology with the avian Z. <i>Genome Biology</i> , 2007, 8, R243.	9.6	119
6	Cross-species chromosome painting among camel, cattle, pig and human: further insights into the putative Cetartiodactyla ancestral karyotype. <i>Chromosome Research</i> , 2007, 15, 499-514.	2.2	110
7	Chromosomal-Level Assembly of the Asian Seabass Genome Using Long Sequence Reads and Multi-layered Scaffolding. <i>PLoS Genetics</i> , 2016, 12, e1005954.	3.5	105
8	The genome diversity and karyotype evolution of mammals. <i>Molecular Cytogenetics</i> , 2011, 4, 22.	0.9	103
9	A comparative chromosome map of the Arctic fox, red fox and dog defined by chromosome painting and high resolution G-banding. <i>Chromosome Research</i> , 2000, 8, 253-263.	2.2	96
10	The Asian arowana (<i>Scleropages formosus</i>) genome provides new insights into the evolution of an early lineage of teleosts. <i>Scientific Reports</i> , 2016, 6, 24501.	3.3	89
11	Strong conservation of the bird Z chromosome in reptilian genomes is revealed by comparative painting despite 275 million years divergence. <i>Chromosoma</i> , 2011, 120, 455-468.	2.2	85
12	Microdissection based high resolution multicolor banding for all 24 human chromosomes. <i>International Journal of Molecular Medicine</i> , 2002, 9, 335.	4.0	83
13	Ancient DNA Analysis Affirms the Canid from Altai as a Primitive Dog. <i>PLoS ONE</i> , 2013, 8, e57754.	2.5	81
14	The proto-oncogene C-KIT maps to canid B-chromosomes. <i>Chromosome Research</i> , 2005, 13, 113-122.	2.2	72
15	Chromosomal evolution in Rodentia. <i>Heredity</i> , 2012, 108, 4-16.	2.6	70
16	Multidirectional cross-species painting illuminates the history of karyotypic evolution in Perissodactyla. <i>Chromosome Research</i> , 2008, 16, 89-107.	2.2	68
17	Segmental paleotetraploidy revealed in sterlet (<i>Acipenser ruthenus</i>) genome by chromosome painting. <i>Molecular Cytogenetics</i> , 2015, 8, 90.	0.9	68
18	Genome of the Komodo dragon reveals adaptations in the cardiovascular and chemosensory systems of monitor lizards. <i>Nature Ecology and Evolution</i> , 2019, 3, 1241-1252.	7.8	67

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19	Multicolor fluorescence in situ hybridization (FISH) applied to FISH-banding. <i>Cytogenetic and Genome Research</i> , 2006, 114, 240-244.	1.1	62
20	Complex structure of B-chromosomes in two mammalian species: <i>Apodemus peninsulae</i> (Rodentia) and <i>Nyctereutes procyonoides</i> (Carnivora). <i>Chromosome Research</i> , 2002, 10, 109-116.	2.2	58
21	Transcription of a protein-coding gene on B chromosomes of the Siberian roe deer (<i>Capreolus</i>). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 1</i>	3.8	58
22	Karyotype evolution and phylogenetic relationships of hamsters (Cricetidae, Muroidea, Rodentia) inferred from chromosomal painting and banding comparison. <i>Chromosome Research</i> , 2007, 15, 283-97.	2.2	52
23	First Molecular Cytogenetic High Resolution Characterization of the NIH 3T3 Cell Line by Murine Multicolor Banding. <i>Journal of Histochemistry and Cytochemistry</i> , 2013, 61, 306-312.	2.5	50
24	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). I. The genome homology of tundra vole, field vole, mouse and golden hamster revealed by comparative chromosome painting. <i>Chromosome Research</i> , 2007, 15, 447-456.	2.2	49
25	Anchoring the dog to its relatives reveals new evolutionary breakpoints across 11 species of the Canidae and provides new clues for the role of B chromosomes. <i>Chromosome Research</i> , 2011, 19, 685-708.	2.2	49
26	Uncovering the Ancestry of B Chromosomes in <i>Moenkhausia sanctaefilomenae</i> (Teleostei, Characidae). <i>PLoS ONE</i> , 2016, 11, e0150573.	2.5	48
27	Contrasting origin of B chromosomes in two cervids (Siberian roe deer and grey brocket deer) unravelled by chromosome-specific DNA sequencing. <i>BMC Genomics</i> , 2016, 17, 618.	2.8	47
28	Cross-species chromosome painting in Cetartiodactyla: Reconstructing the karyotype evolution in key phylogenetic lineages. <i>Chromosome Research</i> , 2009, 17, 419-436.	2.2	45
29	Highly conserved Z and molecularly diverged W chromosomes in the fish genus <i>Triportheus</i> (Characiformes, Triporthidae). <i>Heredity</i> , 2017, 118, 276-283.	2.6	44
30	Small Supernumerary Marker Chromosomes (sSMC) in Patients with a 45,X/46,X,+mar Karyotype – 17 New Cases and a Review of the Literature. <i>Sexual Development</i> , 2007, 1, 353-362.	2.0	41
31	Non-homologous sex chromosomes in two species of the genus <i>Eigenmannia</i> (Teleostei). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 1</i>	1.1	41
32	Cytogenetic Insights into the Evolution of Chromosomes and Sex Determination Reveal Striking Homology of Turtle Sex Chromosomes to Amphibian Autosomes. <i>Cytogenetic and Genome Research</i> , 2016, 148, 292-304.	1.1	41
33	Genes on B chromosomes of vertebrates. <i>Molecular Cytogenetics</i> , 2014, 7, 99.	0.9	40
34	Generation of Paint Probes by Flow-Sorted and Microdissected Chromosomes. , 2009, , 35-52.		39
35	Small supernumerary marker chromosomes (sSMC) in humans; are there B chromosomes hidden among them. <i>Molecular Cytogenetics</i> , 2008, 1, 12.	0.9	38
36	Naked mole rat cells display more efficient excision repair than mouse cells. <i>Aging</i> , 2018, 10, 1454-1473.	3.1	38

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37	Chromosomal evolution in Gekkonidae. I. Chromosome painting between Gekko and Hemidactylus species reveals phylogenetic relationships within the group. <i>Chromosome Research</i> , 2011, 19, 843-855.	2.2	37
38	Reciprocal chromosome painting between three laboratory rodent species. <i>Mammalian Genome</i> , 2006, 17, 1183-1192.	2.2	35
39	Mapping of <i>KIT</i> adjacent sequences on canid autosomes and B chromosomes. <i>Cytogenetic and Genome Research</i> , 2007, 116, 100-103.	1.1	35
40	Skinks (Reptilia: Scincidae) Have Highly Conserved Karyotypes as Revealed by Chromosome Painting. <i>Cytogenetic and Genome Research</i> , 2009, 127, 224-231.	1.1	35
41	Tracking the evolutionary pathway of sex chromosomes among fishes: characterizing the unique XX/X ₁ Y ₂ system in <i>Hoplias malabaricus</i> (Teleostei, Characiformes). <i>Chromosoma</i> , 2018, 127, 115-128.	2.2	35
42	Independent Sex Chromosome Evolution in Lower Vertebrates: A Molecular Cytogenetic Overview in the Erythrinidae Fish Family. <i>Cytogenetic and Genome Research</i> , 2013, 141, 186-194.	1.1	34
43	Partial tetrasomy 12pter-12p12.3 in a girl with Pallister-Killian syndrome: extraordinary finding of an anaphoid, inverted duplicated marker. <i>European Journal of Human Genetics</i> , 2001, 9, 572-576.	2.8	32
44	New insights into sex chromosome evolution in anole lizards (Reptilia, Dactyloidae). <i>Chromosoma</i> , 2017, 126, 245-260.	2.2	32
45	Evolutionary plasticity of acipenseriform genomes. <i>Chromosoma</i> , 2016, 125, 661-668.	2.2	31
46	Enlarged chromosome 13 p arm hiding a cryptic partial trisomy 6p22.2pter. <i>Prenatal Diagnosis</i> , 2003, 23, 427-430.	2.3	30
47	Evolutionary dynamics of <i>Anolis</i> sex chromosomes revealed by sequencing of flow sorting-derived microchromosome-specific DNA. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1955-1966.	2.1	30
48	Mitochondrial DNA analysis of ancient sheep from Altai. <i>Animal Genetics</i> , 2017, 48, 615-618.	1.7	30
49	Genomic Organization and Physical Mapping of Tandemly Arranged Repetitive DNAs in <i>Sterlet</i> and <i>Acipenser ruthenus</i> . <i>Cytogenetic and Genome Research</i> , 2017, 152, 148-157.	1.1	30
50	Molecular cytogenetic characterization of an acquired minute supernumerary marker chromosome as the sole abnormality in a case clinically diagnosed as atypical Philadelphia ⁻ negative chronic myelogenous leukaemia. <i>British Journal of Haematology</i> , 2001, 113, 435-438.	2.5	29
51	Complex rearranged small supernumerary marker chromosomes (sSMC), three new cases; evidence for an underestimated entity?. <i>Molecular Cytogenetics</i> , 2008, 1, 6.	0.9	29
52	Maternal insertion of 18q11.2-q12.2 in 18p11.3 of the same chromosome analysed by microdissection and multicolour banding (MCB). <i>Prenatal Diagnosis</i> , 2001, 21, 1049-1052.	2.3	25
53	Cross-species chromosome painting in the Perissodactyla: delimitation of homologous regions in Burchell's zebra (<i>Equus burchellii</i>) and the white (<i>Ceratotherium simum</i>) and black rhinoceros (<i>Diceros bicornis</i>). <i>Cytogenetic and Genome Research</i> , 2003, 103, 104-110.	1.1	25
54	Whole chromosome painting reveals independent origin of sex chromosomes in closely related forms of a fish species. <i>Genetica</i> , 2011, 139, 1065-1072.	1.1	25

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55	Chromosome painting in Tragulidae facilitates the reconstruction of Ruminantia ancestral karyotype. <i>Chromosome Research</i> , 2011, 19, 531-539.	2.2	25
56	Search for the sex-determining switch in monotremes: Mapping WT1, SF1, LHX1, LHX2, FGF9, WNT4, RSPO1 and GATA4 in platypus. <i>Chromosome Research</i> , 2007, 15, 777-785.	2.2	24
57	A cytogenetic and comparative map of camelid chromosome 36 and the minute in alpacas. <i>Chromosome Research</i> , 2015, 23, 237-251.	2.2	24
58	The rise and fall of the ancient northern pike master sex-determining gene. <i>ELife</i> , 2021, 10, .	6.0	24
59	FISH With and Without COT1 DNA. , 2009, , 99-109.		23
60	Karyotype Evolution of Eulipotyphla (Insectivora): The Genome Homology of Seven Sorex Species Revealed by Comparative Chromosome Painting and Banding Data. <i>Cytogenetic and Genome Research</i> , 2011, 135, 51-64.	1.1	23
61	Cross-species chromosome painting tracks the independent origin of multiple sex chromosomes in two cofamiliar Erythrinidae fishes. <i>BMC Evolutionary Biology</i> , 2011, 11, 186.	3.2	23
62	Detailed Hylobates lar karyotype defined by 25-color FISH and multicolor banding. <i>International Journal of Molecular Medicine</i> , 2003, 12, 139-46.	4.0	23
63	A molecular cytogenetic study of chromosome evolution in chimpanzee. <i>Cytogenetic and Genome Research</i> , 2006, 112, 67-75.	1.1	22
64	Comparative analysis of sex chromosomes in Leporinus species (Teleostei, Characiformes) using chromosome painting. <i>BMC Genetics</i> , 2013, 14, 60.	2.7	22
65	Sequencing of Supernumerary Chromosomes of Red Fox and Raccoon Dog Confirms a Non-Random Gene Acquisition by B Chromosomes. <i>Genes</i> , 2018, 9, 405.	2.4	22
66	Comparative Chromosome Painting and NOR Distribution Suggest a Complex Hybrid Origin of Triploid <i>Lepidodactylus lugubris</i> (Gekkonidae). <i>PLoS ONE</i> , 2015, 10, e0132380.	2.5	22
67	Use of chromosome microdissection in fish molecular cytogenetics. <i>Genetics and Molecular Biology</i> , 2008, 31, 279-283.	1.3	20
68	Evolution, Composition and Regulation of Supernumerary B Chromosomes. <i>Genes</i> , 2019, 10, 161.	2.4	20
69	New insights into the karyotypic evolution in muroid rodents revealed by multicolor banding applying murine probes. <i>Chromosome Research</i> , 2010, 18, 265-275.	2.2	19
70	Reconstruction of the Putative Cervidae Ancestral Karyotype by Chromosome Painting of Siberian Roe Deer <i>(Capreolus pygargus)</i> with Dromedary Probes. <i>Cytogenetic and Genome Research</i> , 2010, 128, 228-235.	1.1	19
71	Rapid Karyotype Evolution in <i>Lasiopodomys</i> Involved at Least Two Autosome “ Sex Chromosome Translocations. <i>PLoS ONE</i> , 2016, 11, e0167653.	2.5	19
72	Characterizing the chromosomes of the platypus (<i>Ornithorhynchus anatinus</i>). <i>Chromosome Research</i> , 2007, 15, 961-974.	2.2	18

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73	CD8 Locus Nuclear Dynamics during Thymocyte Development. <i>Journal of Immunology</i> , 2010, 184, 5686-5695.	0.8	18
74	The origin of B chromosomes in yellow-necked mice (<i>Apodemus flavicollis</i>) – “Break rules but keep playing the game. <i>PLoS ONE</i> , 2017, 12, e0172704.	2.5	18
75	Low-pass single-chromosome sequencing of human small supernumerary marker chromosomes (sSMCs) and <i>Apodemus</i> B chromosomes. <i>Chromosoma</i> , 2018, 127, 301-311.	2.2	18
76	Evidence for Sex Chromosome Turnover in Proteid Salamanders. <i>Cytogenetic and Genome Research</i> , 2016, 148, 305-313.	1.1	18
77	Genotyping of <i>Capreolus pygargus</i> Fossil DNA from Denisova Cave Reveals Phylogenetic Relationships between Ancient and Modern Populations. <i>PLoS ONE</i> , 2011, 6, e24045.	2.5	17
78	A New Multicolor Fluorescence In Situ Hybridization Probe Set Directed Against Human Heterochromatin. <i>Journal of Histochemistry and Cytochemistry</i> , 2012, 60, 530-536.	2.5	17
79	Chromosome Evolution in <i>Perissodactyla</i> . <i>Cytogenetic and Genome Research</i> , 2012, 137, 208-217.	1.1	17
80	Emerging patterns of genome organization in Notopteridae species (Teleostei, Osteoglossiformes) as revealed by Zoo-FISH and Comparative Genomic Hybridization (CGH). <i>Scientific Reports</i> , 2019, 9, 1112.	3.3	17
81	Genetic Content of the Neo-Sex Chromosomes in <i>Ctenonotus</i> and <i>Norops</i> (Squamata, Dactyloidae) and Degeneration of the Y Chromosome as Revealed by High-Throughput Sequencing of Individual Chromosomes. <i>Cytogenetic and Genome Research</i> , 2019, 157, 115-122.	1.1	16
82	Reconstruction of karyotype evolution in core Glires. I. The genome homology revealed by comparative chromosome painting. <i>Chromosome Research</i> , 2011, 19, 549-565.	2.2	15
83	Low rate of interchromosomal rearrangements during old radiation of gekkotan lizards (Squamata: Tj ETQq1 1 0.784314 rgBT /Overl	2.2	15
84	A procedure for image enhancement in chromosome painting. <i>Chromosome Research</i> , 2006, 14, 497-503.	2.2	14
85	Supernumerary chromosomes, segmental duplications, and evolution. <i>Russian Journal of Genetics</i> , 2010, 46, 1094-1096.	0.6	14
86	Generation of multicolor banding probes for chromosomes of different species. <i>Molecular Cytogenetics</i> , 2013, 6, 6.	0.9	14
87	A First Generation Comparative Chromosome Map between Guinea Pig (<i>Cavia porcellus</i>) and Humans. <i>PLoS ONE</i> , 2015, 10, e0127937.	2.5	14
88	Comparative Chromosome Painting of Four Siberian Vespertilionidae Species with <i>Aselliscus stoliczkanus</i> and Human Probes. <i>Cytogenetic and Genome Research</i> , 2011, 134, 200-205.	1.1	13
89	Isolation of a Cancer-Associated Microchromosome in the Sperm-Dependent Parthenogen <i>Poecilia formosa</i> . <i>Cytogenetic and Genome Research</i> , 2011, 135, 135-142.	1.1	13
90	Bridging the Gap between Vertebrate Cytogenetics and Genomics with Single-Chromosome Sequencing (ChromSeq). <i>Genes</i> , 2021, 12, 124.	2.4	13

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91	Immunocytological analysis of meiotic recombination in two anole lizards (Squamata, Dactyloidae). <i>Comparative Cytogenetics</i> , 2017, 11, 129-141.	0.8	13
92	Comprehensive Analyses of White-Handed Gibbon Chromosomes Enables Access to 92 Evolutionary Conserved Breakpoints Compared to the Human Genome. <i>Cytogenetic and Genome Research</i> , 2015, 145, 42-49.	1.1	12
93	Comparative Chromosomal Studies in <i>Rhinolophus formosae</i> and <i>R. luctus</i> from China and Vietnam: Elevation of <i>R. l. lanosus</i> to Species Rank. <i>Acta Chiropterologica</i> , 2017, 19, 41-50.	0.6	12
94	Next Generation Sequencing of Chromosome-Specific Libraries Sheds Light on Genome Evolution in Paleotetraploid Sterlet (<i>Acipenser ruthenus</i>). <i>Genes</i> , 2017, 8, 318.	2.4	12
95	Whole-chromosome fusions in the karyotype evolution of <i>Sceloporus</i> (Iguania, Reptilia) are more frequent in sex chromosomes than autosomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200099.	4.0	12
96	LINE-related component of mouse heterochromatin and complex chromocenters™ composition. <i>Chromosome Research</i> , 2016, 24, 309-323.	2.2	11
97	Multiple intrasyntenic rearrangements and rapid speciation in voles. <i>Scientific Reports</i> , 2018, 8, 14980.	3.3	11
98	B Chromosomes of the Asian Seabass (<i>Lates calcarifer</i>) Contribute to Genome Variations at the Level of Individuals and Populations. <i>Genes</i> , 2018, 9, 464.	2.4	11
99	First report on B chromosome content in a reptilian species: the case of <i>Anolis carolinensis</i> . <i>Molecular Genetics and Genomics</i> , 2019, 294, 13-21.	2.1	11
100	Complex chromosomal rearrangements in a secondary acute myeloblastic leukemia after chemotherapy in TRAPS. <i>Oncology Reports</i> , 2003, 10, 1789-92.	2.6	11
101	Detailed <i>Hylobates lar</i> karyotype defined by 25-color FISH and multicolor banding. <i>International Journal of Molecular Medicine</i> , 2003, 12, 139.	4.0	10
102	Complete mitochondrial genome of an extinct <i>Equus (Sussemionus) ovodovi</i> specimen from Denisova cave (Altai, Russia). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 79-81.	0.4	10
103	Karyotype Evolution and Phylogenetic Relationships of <i>Cricetulus sokolovi</i> ; Orlov et Malygin 1988 (Cricetidae, Rodentia) Inferred from Chromosomal Painting and Molecular Data. <i>Cytogenetic and Genome Research</i> , 2017, 152, 65-72.	1.1	10
104	Chromosome Painting Does Not Support a Sex Chromosome Turnover in <i>Lacerta agilis</i> Linnaeus, 1758. <i>Cytogenetic and Genome Research</i> , 2020, 160, 134-140.	1.1	10
105	Microdissection-derived Murine Mcb Probes from Somatic Cell Hybrids. <i>Journal of Histochemistry and Cytochemistry</i> , 2005, 53, 791-792.	2.5	9
106	Genome-wide comparative chromosome maps of <i>Arvicola amphibius</i> , <i>Dicrostonyx torquatus</i> , and <i>Myodes rutilus</i> . <i>Chromosome Research</i> , 2016, 24, 145-159.	2.2	9
107	Heteromorphism of "Homomorphic" Sex Chromosomes in Two Anole Species (Squamata, Dactyloidae) Revealed by Synaptonemal Complex Analysis. <i>Cytogenetic and Genome Research</i> , 2017, 151, 89-95.	1.1	9
108	Complex Structure of <i>Lasiopodomys mandarinus vinogradovi</i> Sex Chromosomes, Sex Determination, and Intraspecific Autosomal Polymorphism. <i>Genes</i> , 2020, 11, 374.	2.4	9

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109	The immune system of sturgeons and paddlefish (Acipenseriformes): a review with new data from a chromosome-scale sturgeon genome. <i>Reviews in Aquaculture</i> , 2021, 13, 1709-1729.	9.0	9
110	Molecular and cytological characterization of repetitive DNA sequences from the centromeric heterochromatin of <i>Sciara coprophila</i> . <i>Chromosoma</i> , 2011, 120, 387-397.	2.2	7
111	Traces of Late Bronze and Early Iron Age Mongolian Horse Mitochondrial Lineages in Modern Populations. <i>Genes</i> , 2021, 12, 412.	2.4	7
112	First Molecular Cytogenetic Characterization of Murine Malignant Mesothelioma Cell Line AE17 and In Silico Translation to the Human Genome. <i>Current Bioinformatics</i> , 2017, 12, 11-18.	1.5	7
113	Molecular cytogenetic characterization of the mouse cell line WMP2 by spectral karyotyping and multicolor banding applying murine probes. <i>International Journal of Molecular Medicine</i> , 2006, 17, 209-13.	4.0	7
114	A complex translocation event between the two homologues of chromosomes 5 leading to a del(5)(q21q33) as a sole aberration in a case clinically diagnosed as CML: Characterization of the aberration by multicolor banding. <i>International Journal of Oncology</i> , 2002, 20, 1179.	3.3	6
115	First Case of Trisomy 13 plus Mosaic Trisomy 1q. <i>Fetal Diagnosis and Therapy</i> , 2002, 17, 133-136.	1.4	6
116	First postnatal case of mosaic del(22)/r(22). <i>Prenatal Diagnosis</i> , 2003, 23, 765-767.	2.3	6
117	New Data on Comparative Cytogenetics of the Mouse-Like Hamsters (<i>Calomyscus Thomas</i> , 1905) from Iran and Turkmenistan. <i>Genes</i> , 2021, 12, 964.	2.4	6
118	FISH with and Without COT1 DNA. <i>Springer Protocols</i> , 2017, , 123-133.	0.3	6
119	Generation of Paint Probes from Flow-Sorted and Microdissected Chromosomes. <i>Springer Protocols</i> , 2017, , 63-79.	0.3	6
120	High genetic diversity of ancient horses from the Ukok Plateau. <i>PLoS ONE</i> , 2020, 15, e0241997.	2.5	6
121	Poly(ADP-ribosyl)ation and DNA repair synthesis in the extracts of naked mole rat, mouse, and human cells. <i>Aging</i> , 2019, 11, 2852-2873.	3.1	6
122	Interspecific hybridisation in rhinoceroses: Confirmation of a Black $\frac{1}{2}$ White rhinoceros hybrid by karyotype, fluorescence in situ hybridisation (FISH) and microsatellite analysis. <i>Conservation Genetics</i> , 2005, 6, 141-145.	1.5	5
123	Comprehensive characterization of evolutionary conserved breakpoints in four New World Monkey karyotypes compared to <i>Chlorocebus aethiops</i> and <i>Homo sapiens</i> . <i>Heliyon</i> , 2015, 1, e00042.	3.2	5
124	Diversity of Immunoglobulin Light Chain Genes in Non-Teleost Ray-Finned Fish Uncovers IgL Subdivision into Five Ancient Isotypes. <i>Frontiers in Immunology</i> , 2018, 9, 1079.	4.8	5
125	Identification of sex chromosomes in <i>Eremias velox</i> (Lacertidae, Reptilia) using lampbrush chromosome analysis. <i>Comparative Cytogenetics</i> , 2019, 13, 17-28.	0.8	5
126	Population genetic structure and phylogeography of sterlet (<i>Acipenser ruthenus</i>) and Analysis, 2019, 30, 156-164.	0.7	5

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127	Amplified Fragments of an Autosome-Borne Gene Constitute a Significant Component of the W Sex Chromosome of <i>Eremias velox</i> (Reptilia, Lacertidae). <i>Genes</i> , 2021, 12, 779.	2.4	5
128	Mitochondrial <i>cpDNA</i> <i>Δ</i> haplogroup contributions to the genetic diversity of East European domestic chickens from Russia. <i>Journal of Animal Breeding and Genetics</i> , 2017, 134, 98-108.	2.0	4
129	Chromosome Distribution of Highly Conserved Tandemly Arranged Repetitive DNAs in the Siberian Sturgeon (<i>Acipenser baeri</i>). <i>Genes</i> , 2020, 11, 1375.	2.4	4
130	Cytogenetic Investigations in Bornean Rhinolophoidea Revealed Cryptic Diversity in <i>Rhinolophus sedulus</i> Entailing Classification of Peninsular Malaysia Specimens as a New Species. <i>Acta Chiropterologica</i> , 2021, 23, .	0.6	4
131	Phylogeography of ancient and modern brown bears from eastern Eurasia. <i>Biological Journal of the Linnean Society</i> , 2022, 135, 722-733.	1.6	4
132	Cytogenetic Analyses Detect Cryptic Diversity in <i>Megaderma spasma</i> from Malaysia. <i>Acta Chiropterologica</i> , 2022, 23, .	0.6	4
133	FISH Banding Techniques. , 2009, , 243-250.		3
134	Evolution of Tandemly Arranged Repetitive DNAs in Three Species of Cyprinoidei with Different Ploidy Levels. <i>Cytogenetic and Genome Research</i> , 2021, 161, 32-42.	1.1	3
135	Characterization of Small Supernumerary Marker Chromosomes By A Simple Molecular and Molecular Cytogenetics Approach. <i>Balkan Journal of Medical Genetics</i> , 2007, 10, 33-37.	0.5	2
136	Evolution of MicroRNA Biogenesis Genes in the Sterlet (<i>Acipenser ruthenus</i>) and Other Polyploid Vertebrates. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9562.	4.1	2
137	New Data on Organization and Spatial Localization of B-Chromosomes in Cell Nuclei of the Yellow-Necked Mouse <i>Apodemus flavicollis</i> . <i>Cells</i> , 2021, 10, 1819.	4.1	2
138	An 8.22 Mb Assembly and Annotation of the Alpaca (<i>Vicugna pacos</i>) Y Chromosome. <i>Genes</i> , 2021, 12, 105.	2.4	2
139	Unusual congenital polydactyly in mini-pigs from the breeding group of the Institute of Cytology and Genetics (Novosibirsk, Russia). <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2021, 25, 652-660.	1.1	2
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