

Svetlana A Romanenko

List of Publications by Year in descending order

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59
papers

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471509

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#	ARTICLE	IF	CITATIONS
1	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
2	Identification of satellited markers by microdissection and fluorescence in situ hybridization: a clinical case of isodicentric chromosome 22. <i>Egyptian Journal of Medical Human Genetics</i> , 2021, 22, .	1.0	0
3	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
4	Karyotypic and molecular evidence supports the endemic Tibetan hamsters as a separate divergent lineage of Cricetinae. <i>Scientific Reports</i> , 2021, 11, 10557.	3.3	2
5	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
6	A tumorigenic cell line derived from a hamster cholangiocarcinoma associated with <i>Opisthorchis felineus</i> liver fluke infection. <i>Life Sciences</i> , 2021, 277, 119494.	4.3	8
7	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
8	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
9	A rare familial rearrangement of chromosomes 9 and 15 associated with intellectual disability: a clinical and molecular study. <i>Molecular Cytogenetics</i> , 2021, 14, 47.	0.9	0
10	Chromosome Distribution of Highly Conserved Tandemly Arranged Repetitive DNAs in the Siberian Sturgeon (<i>Acipenser baerii</i>). <i>Genes</i> , 2020, 11, 1375.	2.4	4
11	Evolutionary rearrangements of X chromosomes in voles (Arvicolinae, Rodentia). <i>Scientific Reports</i> , 2020, 10, 13235.	3.3	5
12	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
13	Effects of Mutations in the <i>Drosophila melanogaster</i> Rif1 Gene on the Replication and Underreplication of Pericentromeric Heterochromatin in Salivary Gland Polytene Chromosomes. <i>Cells</i> , 2020, 9, 1501.	4.1	5
14	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
15	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
16	Chromosome Translocations as a Driver of Diversification in Mole Voles <i>Ellobius</i> (Rodentia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Tc	4.1	18
17	Population genetic structure and phylogeography of sterlet (<i>Acipenser ruthenus</i>), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 and Analysis, 2019, 30, 156-164.	0.7	5
18	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

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19	Rapid chromosomal evolution in enigmatic mammal with XX in both sexes, the Alay mole vole <i>Ellobius alaicus</i> Vorontsov et al., 1969 (Mammalia, Rodentia). <i>Comparative Cytogenetics</i> , 2019, 13, 147-177.	0.8	17
20	Rapid emergence of independent X-chromosomal lineages in silvered-leaf monkey triggered by Y/autosome translocation. <i>Scientific Reports</i> , 2018, 8, 3250.	3.3	5
21	Low-pass single-chromosome sequencing of human small supernumerary marker chromosomes (sSMCs) and Apodemus B chromosomes. <i>Chromosoma</i> , 2018, 127, 301-311.	2.2	18
22	The rRNA Gene Containing Marker Chromosome Associated with a Intellectual Disability: A Clinical Case Report. <i>Molecular Genetics, Microbiology and Virology</i> , 2018, 33, 241-244.	0.3	0
23	Multiple intrasyntenic rearrangements and rapid speciation in voles. <i>Scientific Reports</i> , 2018, 8, 14980.	3.3	11
24	Chromosome Synapsis and Recombination in Male-Sterile and Female-Fertile Interspecies Hybrids of the Dwarf Hamsters (<i>Phodopus</i> , Cricetidae). <i>Genes</i> , 2018, 9, 227.	2.4	17
25	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
26	Naked mole rat cells display more efficient excision repair than mouse cells. <i>Aging</i> , 2018, 10, 1454-1473.	3.1	38
27	First cytogenetic analysis of lesser gymnures (Mammalia, Galericidae, Hylomys) from Vietnam. <i>Comparative Cytogenetics</i> , 2018, 12, 361-372.	0.8	10
28	Genomic Organization and Physical Mapping of Tandemly Arranged Repetitive DNAs in Sterlet (<i>Acipenser ruthenus</i>). <i>Cytogenetic and Genome Research</i> , 2017, 152, 148-157.	1.1	30
29	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
30	Centromere repositioning explains fundamental number variability in the New World monkey genus <i>Saimiri</i> . <i>Chromosoma</i> , 2017, 126, 519-529.	2.2	12
31	Intrachromosomal Rearrangements in Rodents from the Perspective of Comparative Region-Specific Painting. <i>Genes</i> , 2017, 8, 215.	2.4	12
32	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
33	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
34	X-derived marker chromosome in patient with mosaic Turner syndrome and Dandy-Walker syndrome: a case report. <i>Molecular Cytogenetics</i> , 2017, 10, 43.	0.9	1
35	Rapid Karyotype Evolution in <i>Lasiopodomys</i> Involved at Least Two Autosome X Sex Chromosome Translocations. <i>PLoS ONE</i> , 2016, 11, e0167653.	2.5	19
36	Evolutionary plasticity of acipenseriform genomes. <i>Chromosoma</i> , 2016, 125, 661-668.	2.2	31

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37	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
38	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
39	Segmental paleotetraploidy revealed in sterlet (<i>Acipenser ruthenus</i>) genome by chromosome painting. <i>Molecular Cytogenetics</i> , 2015, 8, 90.	0.9	68
40	Analysis of meiotic chromosome structure and behavior in Robertsonian heterozygotes of <i>Ellobius tancrei</i> (Rodentia, Cricetidae): a case of monobrachial homology. <i>Comparative Cytogenetics</i> , 2015, 9, 691-706.	0.8	18
41	Generation of multicolor banding probes for chromosomes of different species. <i>Molecular Cytogenetics</i> , 2013, 6, 6.	0.9	14
42	Comparative Cytogenetics of Hamsters of the Genus <i>Allocricetulus</i> (Cricetidae, Rodentia). <i>Cytogenetic and Genome Research</i> , 2013, 139, 258-266.	1.1	8
43	DNA Double-Strand Breaks Coupled with PARP1 and HNRNPA2B1 Binding Sites Flank Coordinately Expressed Domains in Human Chromosomes. <i>PLoS Genetics</i> , 2013, 9, e1003429.	3.5	29
44	A new form of the mole vole <i>Ellobius tancrei</i> Blasius, 1884 (Mammalia, Rodentia) with the lowest chromosome number. <i>Comparative Cytogenetics</i> , 2013, 7, 163-169.	0.8	17
45	A Comparative Analysis of the Mole Vole Sibling Species <i>Ellobius tancrei</i> and <i>E. talpinus</i> (Cricetidae, Rodentia) through Chromosome Painting and Examination of Synaptonemal Complex Structures in Hybrids. <i>Cytogenetic and Genome Research</i> , 2012, 136, 199-207.	1.1	27
46	Chromosome Painting of the Pygmy Tree Shrew Shows that No Derived Cytogenetic Traits Link Primates and Scandentia. <i>Cytogenetic and Genome Research</i> , 2012, 136, 175-179.	1.1	11
47	Chromosomal evolution in Rodentia. <i>Heredity</i> , 2012, 108, 4-16.	2.6	70
48	Non-Sciuromorph Rodent Karyotypes in Evolution. <i>Cytogenetic and Genome Research</i> , 2012, 137, 233-245.	1.1	22
49	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
50	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
51	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). III. Karyotype relationships of ten <i>Microtus</i> species. <i>Chromosome Research</i> , 2010, 18, 459-471.	2.2	37
52	Tracking genome organization in rodents by Zoo-FISH. <i>Chromosome Research</i> , 2008, 16, 261-274.	2.2	29
53	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
54	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

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55	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). II. The genome homology of two mole voles (genus Ellobius), the field vole and golden hamster revealed by comparative chromosome painting. <i>Chromosome Research</i> , 2007, 15, 891-897.	2.2	57
56	Multicolor fluorescence in situ hybridization (FISH) applied to FISH-banding. <i>Cytogenetic and Genome Research</i> , 2006, 114, 240-244.	1.1	62
57	Reciprocal chromosome painting between three laboratory rodent species. <i>Mammalian Genome</i> , 2006, 17, 1183-1192.	2.2	35
58	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
59	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> , 0, , .	4.0	1