Svetlana A Romanenko

List of Publications by Year
in descending order

59	1,060	471509	477307
papers	citations	17 h-index	29 g-index

62	62	62	902
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chromosomal evolution in Rodentia. Heredity, 2012, 108, 4-16.	2.6	70
2	Segmental paleotetraploidy revealed in sterlet (Acipenser ruthenus) genome by chromosome painting. Molecular Cytogenetics, 2015, 8, 90.	0.9	68
3	Multicolor fluorescence in situ hybridization (FISH) applied to FISH-banding. Cytogenetic and Genome Research, 2006, 114, 240-244.	1.1	62
4	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. Chromosome Research, 2007, 15, 891-897.	2.2	57
5	Karyotype evolution and phylogenetic relationships of hamsters (Cricetidae, Muroidea, Rodentia) inferred from chromosomal painting and banding comparison. Chromosome Research, 2007, 15, 283-97.	2.2	52
6	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). I. The genome homology of tundra vole, field vole, mouse and golden hamster revealed by comparative chromosome painting. Chromosome Research, 2007, 15, 447-456.	2.2	49
7	Naked mole rat cells display more efficient excision repair than mouse cells. Aging, 2018, 10, 1454-1473.	3.1	38
8	Chromosomal evolution of Arvicolinae (Cricetidae, Rodentia). III. Karyotype relationships of ten Microtus species. Chromosome Research, 2010, 18, 459-471.	2.2	37
9	Reciprocal chromosome painting between three laboratory rodent species. Mammalian Genome, 2006, 17, 1183-1192.	2.2	35
10	Evolutionary plasticity of acipenseriform genomes. Chromosoma, 2016, 125, 661-668.	2.2	31
11	Genomic Organization and Physical Mapping of Tandemly Arranged Repetitive DNAs in Sterlet (<i>Acipenser ruthenus</i>). Cytogenetic and Genome Research, 2017, 152, 148-157.	1.1	30
12	Tracking genome organization in rodents by Zoo-FISH. Chromosome Research, 2008, 16, 261-274.	2.2	29
13	DNA Double-Strand Breaks Coupled with PARP1 and HNRNPA2B1 Binding Sites Flank Coordinately Expressed Domains in Human Chromosomes. PLoS Genetics, 2013, 9, e1003429.	3.5	29
14	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. Cytogenetic and Genome Research, 2012, 136, 199-207.	1.1	27
15	Non-Sciuromorph Rodent Karyotypes in Evolution. Cytogenetic and Genome Research, 2012, 137, 233-245.	1.1	22
16	Sequencing of Supernumerary Chromosomes of Red Fox and Raccoon Dog Confirms a Non-Random Gene Acquisition by B Chromosomes. Genes, 2018, 9, 405.	2.4	22
17	New insights into the karyotypic evolution in muroid rodents revealed by multicolor banding applying murine probes. Chromosome Research, 2010, 18, 265-275.	2.2	19
18	Rapid Karyotype Evolution in Lasiopodomys Involved at Least Two Autosome â€“ Sex Chromosome Translocations. PLoS ONE, 2016, 11, e0167653.	2.5	19

#	Article	IF	Citations
19	The origin of B chromosomes in yellow-necked mice (Apodemus flavicollis)â€"Break rules but keep playing the game. PLoS ONE, 2017, 12, e0172704.	2.5	18
20	Low-pass single-chromosome sequencing of human small supernumerary marker chromosomes (sSMCs) and Apodemus B chromosomes. Chromosoma, 2018, 127, 301-311.	2.2	18
21	Chromosome Translocations as a Driver of Diversification in Mole Voles Ellobius (Rodentia,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	4.1	18
22	Analysis of meiotic chromosome structure and behavior in Robertsonian heterozygotes of Ellobius tancrei (Rodentia, Cricetidae): a case of monobrachial homology. Comparative Cytogenetics, 2015, 9, 691-706.	0.8	18
23	A new form of the mole vole Ellobius tancrei Blasius, 1884 (Mammalia, Rodentia) with the lowest chromosome number. Comparative Cytogenetics, 2013, 7, 163-169.	0.8	17
24	Chromosome Synapsis and Recombination in Male-Sterile and Female-Fertile Interspecies Hybrids of the Dwarf Hamsters (Phodopus, Cricetidae). Genes, 2018, 9, 227.	2.4	17
25	Rapid chromosomal evolution in enigmatic mammal with XX in both sexes, the Alay mole vole Ellobius alaicus Vorontsov et al., 1969 (Mammalia, Rodentia). Comparative Cytogenetics, 2019, 13, 147-177.	0.8	17
26	Reconstruction of karyotype evolution in core Glires. I. The genome homology revealed by comparative chromosome painting. Chromosome Research, 2011, 19, 549-565.	2.2	15
27	Generation of multicolor banding probes for chromosomes of different species. Molecular Cytogenetics, 2013, 6, 6.	0.9	14
28	A First Generation Comparative Chromosome Map between Guinea Pig (Cavia porcellus) and Humans. PLoS ONE, 2015, 10, e0127937.	2.5	14
29	Centromere repositioning explains fundamental number variability in the New World monkey genus Saimiri. Chromosoma, 2017, 126, 519-529.	2.2	12
30	Intrachromosomal Rearrangements in Rodents from the Perspective of Comparative Region-Specific Painting. Genes, 2017, 8, 215.	2.4	12
31	Next Generation Sequencing of Chromosome-Specific Libraries Sheds Light on Genome Evolution in Paleotetraploid Sterlet (Acipenser ruthenus). Genes, 2017, 8, 318.	2.4	12
32	Whole-chromosome fusions in the karyotype evolution ofSceloporus(Iguania, Reptilia) are more frequent in sex chromosomes than autosomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200099.	4.0	12
33	Chromosome Painting of the Pygmy Tree Shrew Shows that No Derived Cytogenetic Traits Link Primates and Scandentia. Cytogenetic and Genome Research, 2012, 136, 175-179.	1.1	11
34	Multiple intrasyntenic rearrangements and rapid speciation in voles. Scientific Reports, 2018, 8, 14980.	3.3	11
35	Karyotype Evolution and Phylogenetic Relationships of <i>Cricetulus sokolovi</i> Orlov et Malygin 1988 (Cricetidae, Rodentia) Inferred from Chromosomal Painting and Molecular Data. Cytogenetic and Genome Research, 2017, 152, 65-72.	1.1	10
36	Chromosome Painting Does Not Support a Sex Chromosome Turnover in Lacerta agilis Linnaeus, 1758. Cytogenetic and Genome Research, 2020, 160, 134-140.	1.1	10

#	Article	IF	Citations
37	First cytogenetic analysis of lesser gymnures (Mammalia, Galericidae, Hylomys) from Vietnam. Comparative Cytogenetics, 2018, 12, 361-372.	0.8	10
38	Genome-wide comparative chromosome maps of Arvicola amphibius, Dicrostonyx torquatus, and Myodes rutilus. Chromosome Research, 2016, 24, 145-159.	2.2	9
39	Complex Structure of Lasiopodomys mandarinus vinogradovi Sex Chromosomes, Sex Determination, and Intraspecific Autosomal Polymorphism. Genes, 2020, 11, 374.	2.4	9
40	Comparative Cytogenetics of Hamsters of the Genus Allocricetulus Argyropulo 1932 (Cricetidae, Rodentia). Cytogenetic and Genome Research, 2013, 139, 258-266.	1.1	8
41	A tumorigenic cell line derived from a hamster cholangiocarcinoma associated with Opisthorchis felineus liver fluke infection. Life Sciences, 2021, 277, 119494.	4.3	8
42	Molecular cytogenetic characterization of the mouse cell line WMP2 by spectral karyotyping and multicolor banding applying murine probes. International Journal of Molecular Medicine, 2006, 17, 209-13.	4.0	7
43	New Data on Comparative Cytogenetics of the Mouse-Like Hamsters (Calomyscus Thomas, 1905) from Iran and Turkmenistan. Genes, 2021, 12, 964.	2.4	6
44	Poly(ADP-ribosyl)ation and DNA repair synthesis in the extracts of naked mole rat, mouse, and human cells. Aging, 2019, 11, 2852-2873.	3.1	6
45	Rapid emergence of independent â€œchromosomal lineagesâ€•in silvered-leaf monkey triggered by Y/autosome translocation. Scientific Reports, 2018, 8, 3250.	3.3	5
46	Identification of sex chromosomes in Eremias velox (Lacertidae, Reptilia) using lampbrush chromosome analysis. Comparative Cytogenetics, 2019, 13, 17-28.	0.8	5
47	Population genetic structure and phylogeography of sterlet (Acipenser ruthenus,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 and Analysis, 2019, 30, 156-164.	0.7	5
48	Evolutionary rearrangements of X chromosomes in voles (Arvicolinae, Rodentia). Scientific Reports, 2020, 10, 13235.	3.3	5
49	Effects of Mutations in the Drosophila melanogaster Rif1 Gene on the Replication and Underreplication of Pericentromeric Heterochromatin in Salivary Gland Polytene Chromosomes. Cells, 2020, 9, 1501.	4.1	5
50	Amplified Fragments of an Autosome-Borne Gene Constitute a Significant Component of the W Sex Chromosome of Eremias velox (Reptilia, Lacertidae). Genes, 2021, 12, 779.	2.4	5
51	Chromosome Distribution of Highly Conserved Tandemly Arranged Repetitive DNAs in the Siberian Sturgeon (Acipenser baerii). Genes, 2020, 11, 1375.	2.4	4
52	Evolution of Tandemly Arranged Repetitive DNAs in Three Species of Cyprinoidei with Different Ploidy Levels. Cytogenetic and Genome Research, 2021, 161, 32-42.	1.1	3
53	Karyotypic and molecular evidence supports the endemic Tibetan hamsters as a separate divergent lineage of Cricetinae. Scientific Reports, 2021, 11, 10557.	3.3	2
54	New Data on Organization and Spatial Localization of B-Chromosomes in Cell Nuclei of the Yellow-Necked Mouse Apodemus flavicollis. Cells, 2021, 10, 1819.	4.1	2

#	Article	IF	Citations
55	X-derived marker chromosome in patient with mosaic Turner syndrome and Dandy-Walker syndrome: a case report. Molecular Cytogenetics, 2017, 10, 43.	0.9	1
56	Molecular cytogenetic characterization of the mouse cell line WMP2 by spectral karyotyping and multicolor banding applying murine probes. International Journal of Molecular Medicine, 0, , .	4.0	1
57	The rRNA Gene Containing Marker Chromosome Associated with a Intellectual Disability: A Clinical Case Report. Molecular Genetics, Microbiology and Virology, 2018, 33, 241-244.	0.3	0
58	Identification of satellited markers by microdissection and fluorescence in situ hybridization: a clinical case of isodicentric chromosome 22. Egyptian Journal of Medical Human Genetics, 2021, 22, .	1.0	0
59	A rare familial rearrangement of chromosomes 9 and 15 associated with intellectual disability: a clinical and molecular study. Molecular Cytogenetics, 2021, 14, 47.	0.9	0