

# Cleusa Yoshiko Nagamachi

## List of Publications by Year in descending order

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66  
papers

877  
citations

471509

17  
h-index

610901

24  
g-index

66  
all docs

66  
docs citations

66  
times ranked

650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chromosomal Diversification in <i>Ancistrus</i> Species (Siluriformes: Loricariidae) Inferred From Repetitive Sequence Analysis. <i>Frontiers in Genetics</i> , 2022, 13, 838462.	2.3	4
2	Chromosome Painting in <i>Gymnotus carapo</i> (Gymnotiformes, Teleostei): Dynamics of Chromosomal Rearrangements in Cryptic Species. <i>Frontiers in Genetics</i> , 2022, 13, 832495.	2.3	0
3	The emergence of a new sex-system (XX/XY1Y2) suggests a species complex in the monotypic rodent <i>Oecomys auyantepui</i> (Rodentia, Sigmodontinae). <i>Scientific Reports</i> , 2022, 12, .	3.3	1
4	Karyotypes of Manatees: New Insights into Hybrid Formation ( <i>Trichechus inunguis</i> – <i>Trichechus m.</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	2.4	7
5	New karyotype for <i>Mesomys stimulax</i> (Rodentia, Echimyidae) from the Brazilian Amazon: A case for species complex?. <i>Ecology and Evolution</i> , 2021, 11, 7125-7131.	1.9	1
6	Andiroba oil and nanoemulsion ( <i>Carapa guianensis</i> Aublet) reduce lesion severity caused by the antineoplastic agent doxorubicin in mice. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111505.	5.6	6
7	Comparative genomic mapping reveals mechanisms of chromosome diversification in <i>Rhipidomys</i> species (Rodentia, Thomasomyini) and syntenic relationship between species of Sigmodontinae. <i>PLoS ONE</i> , 2021, 16, e0258474.	2.5	2
8	Comparative Cytogenetics Analysis Among <i>Peckoltia</i> Species (Siluriformes, Loricariidae): Insights on Karyotype Evolution and Biogeography in the Amazon Region. <i>Frontiers in Genetics</i> , 2021, 12, 779464.	2.3	7
9	<i>Archolaemus janeae</i> (Gymnotiformes, Teleostei): First insights into karyotype and repetitive DNA distribution in two populations of the Amazon. <i>Ecology and Evolution</i> , 2021, 11, 15468-15476.	1.9	1
10	Meiotic analyses show adaptations to maintenance of fertility in X1Y1X2Y2X3Y3X4Y4X5Y5 system of amazon frog <i>Leptodactylus pentadactylus</i> (Laurenti, 1768). <i>Scientific Reports</i> , 2020, 10, 16327.	3.3	6
11	Evolutionary insights in Amazonian turtles (Testudines, Podocnemididae): co-location of 5S rDNA and U2 snRNA and wide distribution of Tc1/Mariner. <i>Biology Open</i> , 2020, 9, .	1.2	8
12	Lethal and sublethal exposure of <i>Hemichromis bimaculatus</i> (Gill, 1862) to malachite green and possible implications for ornamental fish. <i>Environmental Science and Pollution Research</i> , 2020, 27, 33215-33225.	5.3	8
13	Molecular cytogenetics characterization of <i>Rhinoclemmys punctularia</i> (Testudines, Geoemydidae) and description of a Gypsy-H3 association in its genome. <i>Gene</i> , 2020, 738, 144477.	2.2	8
14	Chromosomal Signatures Corroborate the Phylogenetic Relationships within Akodontini (Rodentia,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	4.1	9
15	Karyotypic divergence reveals that diversity in the <i>Oecomys paricola</i> complex (Rodentia,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> e0241495.	2.5	6
16	Chromosomal phylogeny and comparative chromosome painting among <i>Neacomys</i> species (Rodentia,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	3.2	14
17	Meiosis in the scorpion <i>Tityus silvestris</i> : new insights into achiasmatic chromosomes. <i>Biology Open</i> , 2019, 8, .	1.2	7
18	First cytogenetic information for <i>Lonchothrix emiliae</i> and taxonomic implications for the genus taxa <i>Lonchothrix</i> + <i>Mesomys</i> (Rodentia, Echimyidae, Eumysopinae). <i>PLoS ONE</i> , 2019, 14, e0215239.	2.5	4

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19	Karyoevolution of <i>Crenicichla heckel</i> 1840 (Cichlidae, Perciformes): a process mediated by inversions. <i>Biology Open</i> , 2019, 8, .	1.2	3
20	Identification of two independent X-autosome translocations in closely related mammalian ( <i>Proechimys</i> ) species. <i>Scientific Reports</i> , 2019, 9, 4047.	3.3	12
21	In Situ Localization of Ribosomal Sites in <i>Peckoltia</i> and <i>Ancistomus</i> (Loricariidae: Hypostominae) from the Amazon Basin. <i>Zebrafish</i> , 2018, 15, 263-269.	1.1	11
22	Physical mapping of repetitive DNA suggests 2n reduction in Amazon turtles <i>Podocnemis</i> (Testudines). <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	2.5	21
23	Evaluation of the Genotoxic and Antigenotoxic Effects of <i>Andiroba</i> ( <i>Carapa guianensis</i> Aublet) Oil and Nanoemulsion on Swiss Mice. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-8.	2.7	8
24	Chromosomal evolution and phylogeny in the <i>Nullicauda</i> group (Chiroptera, Phyllostomidae): evidence from multidirectional chromosome painting. <i>BMC Evolutionary Biology</i> , 2018, 18, 62.	3.2	4
25	The Karyotype of <i>Microsternarchus aff. bilineatus</i> : A First Case of Y Chromosome Degeneration in Gymnotiformes. <i>Zebrafish</i> , 2017, 14, 244-250.	1.1	6
26	Karyotypic Evolution and Chromosomal Organization of Repetitive DNA Sequences in Species of <i>Panaque</i> , <i>Panaqolus</i> , and <i>Scobinancistrus</i> (Siluriformes and Loricariidae) from the Amazon Basin. <i>Zebrafish</i> , 2017, 14, 251-260.	1.1	15
27	Highest Diploid Number Among Gymnotiformes: First Cytogenetic Insights into <i>Rhabdolichops</i> (Sternopygidae). <i>Zebrafish</i> , 2017, 14, 272-279.	1.1	9
28	Karyotype diversity and chromosomal organization of repetitive DNA in <i>Tityus obscurus</i> (Scorpiones). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	2.9	26
29	<i>Gymnotus coatesi</i> (Gymnotiformes): A Case of Colocation of Multiple Sites of 18S rDNA with Telomeric Sequences. <i>Zebrafish</i> , 2017, 14, 459-463.	1.1	5
30	Chromosomal diversity and molecular divergence among three undescribed species of <i>Neacomys</i> (Rodentia, Sigmodontinae) separated by Amazonian rivers. <i>PLoS ONE</i> , 2017, 12, e0182218.	2.5	18
31	<i>Oecomys catherinae</i> (Sigmodontinae, Cricetidae): Evidence for chromosomal speciation?. <i>PLoS ONE</i> , 2017, 12, e0181434.	2.5	18
32	Chromosomal phylogeny of Vampyressine bats (Chiroptera, Phyllostomidae) with description of two new sex chromosome systems. <i>BMC Evolutionary Biology</i> , 2016, 16, 119.	3.2	20
33	First description of multivalent ring structures in eutherian mammalian meiosis: new chromosomal characterization of <i>Cormura brevirostris</i> (Emballonuridae, Chiroptera). <i>Genetica</i> , 2016, 144, 407-415.	1.1	11
34	Integrated Cytogenetic and Mitochondrial DNA Analyses Indicate That Two Different Phenotypes of <i>Hypancistrus</i> (L066 and L333) Belong to the Same Species. <i>Zebrafish</i> , 2016, 13, 209-216.	1.1	8
35	Extensive Chromosomal Reorganization in the Evolution of New World Muroid Rodents (Cricetidae). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 15</i>	2.5	15
36	X1X1X2X2/X1X2Y sex chromosome systems in the Neotropical Gymnotiformes electric fish of the genus <i>Brachyhypopomus</i> . <i>Genetics and Molecular Biology</i> , 2015, 38, 213-219.	1.3	10

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37	Chromosomal Variability Between Populations of <i>Electrophorus electricus</i> Gill, 1864 (Pisces). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382</i>	1.1	14
38	Short-term exposure to low doses of rotenone induces developmental, biochemical, behavioral, and histological changes in fish. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13926-13938.	5.3	49
39	Phylogenetic Reconstruction by Cross-Species Chromosome Painting and G-Banding in Four Species of Phyllostomini Tribe (Chiroptera, Phyllostomidae) in the Brazilian Amazon: An Independent Evidence for Monophyly. <i>PLoS ONE</i> , 2015, 10, e0122845.	2.5	15
40	Clues on Syntenic Relationship among Some Species of Oryzomyini and Akodontini Tribes (Rodentia). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	2.5	14
41	Cytogenetics of the Brazilian <i>Bolitoglossa paraensis</i> (Unterstein, 1930) salamanders (Caudata). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382</i>	1.3	1
42	Chromosomal diversity in three species of electric fish (Apteronotidae, Gymnotiformes) from the Amazon Basin. <i>Genetics and Molecular Biology</i> , 2014, 37, 638-645.	1.3	6
43	A phylogenetic analysis using multidirectional chromosome painting of three species (Uroderma) (Chiroptera-Phyllostomidae). <i>Chromosome Research</i> , 2013, 21, 383-392.	2.2	25
44	FISH with whole chromosome and telomeric probes demonstrates huge karyotypic reorganization with ITS between two species of Oryzomyini (Sigmodontinae, Rodentia): <i>Hylaeamys megacephalus</i> probes on <i>Cerradomys langguthi</i> karyotype. <i>Chromosome Research</i> , 2013, 21, 107-119.	2.2	33
45	Are NORs Always Located on Homeologous Chromosomes? A FISH Investigation with rDNA and Whole Chromosome Probes in Gymnotus Fishes (Gymnotiformes). <i>PLoS ONE</i> , 2013, 8, e55608.	2.5	23
46	Comparative cytogenetics of two species of genus <i>Scobinancistrus</i> (Siluriformes, Loricariidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382</i>	0.8	16
47	Profile of micronucleus frequencies and nuclear abnormalities in different species of electric fishes (Gymnotiformes) from the Eastern Amazon. <i>Genetics and Molecular Biology</i> , 2013, 36, 425-429.	1.3	11
48	Karyotypic similarities between two species of <i>Rhamphichthys</i> (Rhamphichthyidae, Gymnotiformes) from the Amazon basin. <i>Comparative Cytogenetics</i> , 2013, 7, 279-291.	0.8	10
49	Karyotypic variation in <i>Rhinophylla pumilio</i> Peters, 1865 and comparative analysis with representatives of two subfamilies of Phyllostomidae (Chiroptera). <i>Comparative Cytogenetics</i> , 2012, 6, 213-225.	0.8	13
50	Genetic and morphological variability in South American rodent <i>Oecomys</i> (Sigmodontinae, Rodentia): evidence for a complex of species. <i>Journal of Genetics</i> , 2012, 91, 265-277.	0.7	24
51	Chromosomal and electric signal diversity in three sympatric electric knifefish species ( <i>Gymnotus</i> ). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382</i>	4.9	20
52	<i>Gymnotus capanema</i> , a new species of electric knife fish (Gymnotiformes, Gymnotidae) from eastern Amazonia, with comments on an unusual karyotype. <i>Journal of Fish Biology</i> , 2012, 80, 802-815.	1.6	26
53	Chromosomal characterization of two species of genus <i>Steatogenys</i> (Gymnotiformes): <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382</i>	4.9	19
54	Gymnotiformes phylogeny. <i>Reviews in Fish Biology and Fisheries</i> , 2011, 21, 613-621.		
54	Meiotic analysis of XX/XY and neo-XX/XY sex chromosomes in Phyllostomidae by cross-species chromosome painting revealing a common chromosome 15-XY rearrangement in Stenodermatinae. <i>Chromosome Research</i> , 2010, 18, 667-676.	2.2	13

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55	Multiple rearrangements in cryptic species of electric knifefish, <i>Gymnotus carapo</i> (Gymnotidae.) Tj ETQq1 1 0.784314 rgBT /Overlock /47	2.7	47
56	Chromosomal analysis in Cathartidae: distribution of heterochromatic blocks and rDNA, and phylogenetic considerations. <i>Genetica</i> , 2009, 135, 299-304.	1.1	16
57	A conserved karyotype of <i>Sternopygus macrurus</i> (Sternopygidae, Gymnotiformes) in the Amazon region: Differences from other hydrographic basins suggest cryptic speciation. <i>Micron</i> , 2008, 39, 1251-1254.	2.2	19
58	Differences in karyotype between two sympatric species of <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) from the eastern amazon of Brazil. <i>Zootaxa</i> , 2007, 1397, .	0.5	28
59	Differences in karyotype between two sympatric species of <i>Gymnotus</i> (Gymnotiformes: Gymnotidae) from the eastern amazon of Brazil. <i>Zootaxa</i> , 2007, 1397, 55.	0.5	16
60	Cytogenetic analysis on <i>Pterophyllum scalare</i> (Perciformes, Cichlidae) from Jari River, Pará state. <i>Caryologia</i> , 2006, 59, 138-143.	0.3	10
61	Comparative cytogenetic analysis in the species <i>Uroderma magnirostrum</i> and <i>U. bilobatum</i> (cytotype 2n) Tj ETQq1 1 0.784314 rgBT /O /14 2005, 28, 248-253.	1.3	14
62	Cytogenetic studies in <i>Callicebus personatus nigrifrons</i> (Platyrrhini, Primates). <i>Caryologia</i> , 2003, 56, 47-52.	0.3	7
63	<i>Aotus vociferans</i> ã— <i>Aotus nancymai</i> : Sympatry without chromosomal hybridation. <i>Primates</i> , 1992, 33, 239-245.	1.1	18
64	Chromosomal evolution in <i>Callithrix emiliae</i> . <i>Chromosoma</i> , 1990, 99, 440-447.	2.2	19
65	Cytogenetic studies of <i>Aotus</i> from Eastern Amazonia. Y/Autosome rearrangement. <i>American Journal of Primatology</i> , 1988, 14, 255-263.	1.7	27
66	Chromosome studies of <i>Saguinus midas niger</i> (Callithricidae, Primates) from Tucuruí, Pará, Brazil: Comparison with the karyotype of <i>Callithrix jacchus</i> . <i>American Journal of Primatology</i> , 1988, 14, 277-284.	1.7	14