

# Patrik F Viana

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

311  
citations

933264

10  
h-index

996849

15  
g-index

35  
all docs

35  
docs citations

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times ranked

259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Cytogenetics and Neo-Y Formation in Small-Sized Fish Species of the Genus <i>Pyrrhulina</i> (Characiformes, Lebiasinidae). <i>Frontiers in Genetics</i> , 2019, 10, 678.	1.1	27
2	Cytogenetics, genomics and biodiversity of the South American and African Arapaimidae fish family (Teleostei, Osteoglossiformes). <i>PLoS ONE</i> , 2019, 14, e0214225.	1.1	21
3	Is the Karyotype of Neotropical Boid Snakes Really Conserved? Cytotaxonomy, Chromosomal Rearrangements and Karyotype Organization in the Boidae Family. <i>PLoS ONE</i> , 2016, 11, e0160274.	1.1	18
4	Deciphering the Evolutionary History of Arowana Fishes (Teleostei, Osteoglossiformes.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (O Sciences</i> , 2019, 20, 4296.	1.8	17
5	Evolutionary Insights of the ZW Sex Chromosomes in Snakes: A New Chapter Added by the Amazonian Puffing Snakes of the Genus <i>Spilotes</i> . <i>Genes</i> , 2019, 10, 288.	1.0	16
6	Centric Fusions behind the Karyotype Evolution of Neotropical <i>Nannostomus</i> Pencilfishes (Characiforme, Lebiasinidae): First Insights from a Molecular Cytogenetic Perspective. <i>Genes</i> , 2020, 11, 91.	1.0	16
7	Landscape of snake's sex chromosomes evolution spanning 85 MYR reveals ancestry of sequences despite distinct evolutionary trajectories. <i>Scientific Reports</i> , 2020, 10, 12499.	1.6	14
8	Evolutionary Relationships among <i>Boulengerella</i> Species (Ctenoluciidae, Characiformes): Genomic Organization of Repetitive DNAs and Highly Conserved Karyotypes. <i>Cytogenetic and Genome Research</i> , 2017, 152, 194-203.	0.6	13
9	An Insight into the Chromosomal Evolution of Lebiasinidae (Teleostei, Characiformes). <i>Genes</i> , 2020, 11, 365.	1.0	12
10	Genomic Organization of Repetitive DNAs and Differentiation of an XX/XY Sex Chromosome System in the Amazonian Puffer Fish, <i>Colomesus asellus</i> (Tetraodontiformes). <i>Cytogenetic and Genome Research</i> , 2017, 153, 96-104.	0.6	11
11	Cytogenetics of the small-sized fish, <i>Copeina guttata</i> (Characiformes, Lebiasinidae): Novel insights into the karyotype differentiation of the family. <i>PLoS ONE</i> , 2019, 14, e0226746.	1.1	11
12	Adding New Pieces to the Puzzle of Karyotype Evolution in <i>Harttia</i> (Siluriformes, Loricariidae): Investigation of Amazonian Species. <i>Biology</i> , 2021, 10, 922.	1.3	11
13	Against the mainstream: exceptional evolutionary stability of ZW sex chromosomes across the fish families <i>Triportheidae</i> and <i>Gasteropelecidae</i> (Teleostei: Characiformes). <i>Chromosome Research</i> , 2021, 29, 391-416.	1.0	11
14	An optimized protocol for obtaining mitotic chromosomes from cultured reptilian lymphocytes. <i>Nucleus (India)</i> , 2016, 59, 191-195.	0.9	10
15	Cytogenetics of two <i>Farlowella</i> species (Loricariidae: Loricariinae): implications on the taxonomic status of the species. <i>Neotropical Ichthyology</i> , 2018, 16, .	0.5	10
16	Interspecific Genetic Differences and Historical Demography in South American Arowanas (Osteoglossiformes, Osteoglossidae, Osteoglossum). <i>Genes</i> , 2019, 10, 693.	1.0	10
17	The Amazonian Red Side-Necked Turtle <i>Rhinemys rufipes</i> (Spix, 1824) (Testudines, Chelidae) Has a GSD Sex-Determining Mechanism with an Ancient XY Sex Microchromosome System. <i>Cells</i> , 2020, 9, 2088.	1.8	10
18	Revisiting the Karyotypes of Alligators and Caimans (Crocodylia, Alligatoridae) after a Half-Century Delay: Bridging the Gap in the Chromosomal Evolution of Reptiles. <i>Cells</i> , 2021, 10, 1397.	1.8	9

#	ARTICLE	IF	CITATIONS
19	Unrevealing the Karyotypic Evolution and Cytotaxonomy of Armored Catfishes (Loricariinae) with Emphasis in <i>Sturisoma</i> , <i>Loricariichthys</i> , <i>Loricaria</i> , <i>Proloricaria</i> , <i>Pyxiloricaria</i> , and <i>Rineloricaria</i> . <i>Zebrafish</i> , 2020, 17, 319-332.	0.5	9
20	Intra-generic and interspecific karyotype patterns of <i>Leptodactylus</i> and <i>Adenomera</i> (Anura). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T</i>	0.5	8
21	Looking for genetic effects of polluted anthropized environments on <i>Caiman crocodilus crocodilus</i> (Reptilia, Crocodylia): A comparative genotoxic and chromosomal analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111835.	2.9	8
22	<i>Crotalus Durissus Ruruima</i> : Current Knowledge on Natural History, Medical Importance, and Clinical Toxinology. <i>Frontiers in Immunology</i> , 2021, 12, 659515.	2.2	8
23	Cytogenetic Analysis of <i>Panaqolus tankei</i> ; Cramer & Sousa, 2016 (Siluriformes, Loricariidae), an Ornamental Fish Endemic to Xingu River, Brazil. <i>Cytogenetic and Genome Research</i> , 2021, 161, 187-194.	0.6	6
24	Tracking the Evolutionary Trends Among Small-Size Fishes of the Genus <i>Pyrrhulina</i> (Characiforme). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T</i> 769984.	1.1	6
25	First Record on Sex Chromosomes in a Species of the Family Cynodontidae: <i>Cynodon gibbus</i> (Agassiz, 1829). <i>Cytogenetic and Genome Research</i> , 2020, 160, 29-37.	0.6	4
26	Chromosomal Evolution in <i>Aspredinidae</i> (Teleostei, Siluriformes): Insights on Intra- and Interspecific Relationships with Related Groups. <i>Cytogenetic and Genome Research</i> , 2020, 160, 539-553.	0.6	3
27	Revisiting the Karyotype Evolution of Neotropical Boid Snakes: A Puzzle Mediated by Chromosomal Fissions. <i>Cells</i> , 2020, 9, 2268.	1.8	2
28	Comparative cytogenetic survey of the giant bonytongue <i>Arapaima</i> fish (Osteoglossiformes): <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387</i> <i>Ichthyology</i> , 2020, 18, .	0.5	2
29	Comparative cytogenetic of six species of Amazonian Peacock bass ( <i>Cichla</i> , Cichlinae): intrachromosomal variations and genetic introgression among sympatric species. <i>Comparative Cytogenetics</i> , 2020, 14, 437-451.	0.3	2
30	The Genetic Differentiation of <i>Pyrrhulina</i> (Teleostei, Characiformes) Species is Likely Influenced by Both Geographical Distribution and Chromosomal Rearrangements. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	2
31	Karyotype variability in six Amazonian species of the family <i>Curimatidae</i> (Characiformes) revealed by repetitive sequence mapping. <i>Genetics and Molecular Biology</i> , 2022, 45, .	0.6	2
32	Reconstruction of the <i>Doradinae</i> (Siluriformes-Doradidae) ancestral diploid number and NOR pattern reveals new insights about the karyotypic diversification of the Neotropical thorny catfishes. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200068.	0.6	1
33	<i>Matamatas Chelus</i> spp. (Testudines, Chelidae) have a remarkable evolutionary history of sex chromosomes with a long-term stable XY microchromosome system. <i>Scientific Reports</i> , 2022, 12, 6676.	1.6	1
34	<i>Crotalus Durissus Ruruima</i> Current Knowledge on Natural History, Medical Importance, and Clinical Toxinology. , 2021, , .		0
35	Karyotype Evolution of Talking Thorny Catfishes <i>Anadoras</i> (Doradidae, Astrodoradinae): A Process Mediated by Structural Rearrangements and Intense Reorganization of Repetitive DNAs. <i>Cytogenetic and Genome Research</i> , 2022, 162, 64-75.	0.6	0