

# Didier Casane

## List of Publications by Year in descending order

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43  
papers

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257450

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docs citations

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times ranked

2936  
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#	ARTICLE	IF	CITATIONS
1	Phylogenomics of Eukaryotes: Impact of Missing Data on Large Alignments. <i>Molecular Biology and Evolution</i> , 2004, 21, 1740-1752.	8.9	371
2	Molecular Evolution of Hepatitis A Virus: a New Classification Based on the Complete VP1 Protein. <i>Journal of Virology</i> , 2002, 76, 9516-9525.	3.4	146
3	DNA barcoding of Cuban freshwater fishes: evidence for cryptic species and taxonomic conflicts. <i>Molecular Ecology Resources</i> , 2010, 10, 421-430.	4.8	141
4	Evidence of intratypic recombination in natural populations of hepatitis C virus. <i>Journal of General Virology</i> , 2004, 85, 31-37.	2.9	119
5	Evolution of eye development in the darkness of caves: adaptation, drift, or both?. <i>EvoDevo</i> , 2013, 4, 26.	3.2	103
6	De Novo Sequencing of <i>Astyanax mexicanus</i> Surface Fish and Pach <sup>3</sup> n Cavefish Transcriptomes Reveals Enrichment of Mutations in Cavefish Putative Eye Genes. <i>PLoS ONE</i> , 2013, 8, e53553.	2.5	93
7	Molecular Evidence for Precambrian Origin of Amelogenin, the Major Protein of Vertebrate Enamel. <i>Molecular Biology and Evolution</i> , 2001, 18, 2146-2153.	8.9	68
8	Why coelacanths are not "living fossils". <i>BioEssays</i> , 2013, 35, 332-338.	2.5	67
9	Deciphering the complete mitochondrial genome and phylogeny of the extinct cave bear in the Paleolithic painted cave of Chauvet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17447-17452.	7.1	65
10	Pattern and polarity in the development and evolution of the gnathostome jaw: Both conservation and heterotopy in the branchial arches of the shark, <i>Scyliorhinus canicula</i> . <i>Developmental Biology</i> , 2013, 377, 428-448.	2.0	59
11	An unusual choanoflagellate protein released by Hedgehog autocatalytic processing. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 401-407.	2.6	56
12	Tracing the origins of SARS-COV-2 in coronavirus phylogenies: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 769-785.	16.2	53
13	Functional Divergence Prediction from Evolutionary Analysis: A Case Study of Vertebrate Hemoglobin. <i>Molecular Biology and Evolution</i> , 2003, 20, 1754-1759.	8.9	50
14	Evolution of Hox Gene Clusters in Gnathostomes: Insights from a Survey of a Shark ( <i>Scyliorhinus</i> ) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	8.9	50
15	Zebrafish <i>evx1</i> is dynamically expressed during embryogenesis in subsets of interneurons, posterior gut and urogenital system. <i>Mechanisms of Development</i> , 2000, 99, 167-172.	1.7	45
16	Contrasting Gene Decay in Subterranean Vertebrates: Insights from Cavefishes and Fossorial Mammals. <i>Molecular Biology and Evolution</i> , 2021, 38, 589-605.	8.9	43
17	Evolution of the Australian Lungfish ( <i>Neoceratodus forsteri</i> ) Genome: A Major Role for CR1 and L2 LINE Elements. <i>Molecular Biology and Evolution</i> , 2012, 29, 3529-3539.	8.9	42
18	Evolution of repeated structures along the body axis of jawed vertebrates, insights from the <i>Scyliorhinus canicula</i> Hox code. <i>Evolution &amp; Development</i> , 2011, 13, 247-259.	2.0	41

#	ARTICLE	IF	CITATIONS
19	First Analysis of Multiple Paternity in an Oviparous Shark, the Small-Spotted Catshark ( <i>Scyliorhinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.4	40
20	Lens defects in <i>Astyanax mexicanus</i> Cavefish: Evolution of crystallins and a role for alpha-crystallin. <i>Developmental Neurobiology</i> , 2015, 75, 505-521.	3.0	38
21	Morphological and gene expression similarities suggest that the ascidian neural gland may be osmoregulatory and homologous to vertebrate peri-ventricular organs. <i>European Journal of Neuroscience</i> , 2006, 24, 2299-2308.	2.6	36
22	Where do animal $\alpha$ -amylases come from? An interkingdom trip. <i>FEBS Letters</i> , 2007, 581, 3927-3935.	2.8	30
23	Accommodating the load. <i>Mobile Genetic Elements</i> , 2013, 3, e24775.	1.8	30
24	Origin of European rabbit ( <i>Oryctolagus cuniculus</i> ) in a Mediterranean island: Zooarchaeology and ancient DNA examination. <i>Journal of Evolutionary Biology</i> , 1994, 7, 217-226.	1.7	25
25	Molecular phylogeny and phylogeography of the Cuban cave-fishes of the genus <i>Lucifuga</i> : Evidence for cryptic allopatric diversity. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 470-483.	2.7	25
26	Human-Chimpanzee DNA Sequence Variation in the Four Major Genes of the Renin Angiotensin System. <i>Genomics</i> , 2000, 69, 14-26.	2.9	23
27	Comparison of even-skipped related gene expression pattern in vertebrates shows an association between expression domain loss and modification of selective constraints on sequences. <i>Evolution &amp; Development</i> , 2003, 5, 145-156.	2.0	23
28	Phylogeography of Cuban <i>Rivulus</i> : Evidence for allopatric speciation and secondary dispersal across a marine barrier. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 404-414.	2.7	23
29	Two Lamprey Hedgehog Genes Share Non-Coding Regulatory Sequences and Expression Patterns with Gnathostome Hedgehogs. <i>PLoS ONE</i> , 2010, 5, e13332.	2.5	22
30	An appeal for an objective, open, and transparent scientific debate about the origin of SARS-CoV-2. <i>Lancet</i> , The, 2021, 398, 1402-1404.	13.7	17
31	Heterogeneous Conservation of Dlx Paralog Co-Expression in Jawed Vertebrates. <i>PLoS ONE</i> , 2013, 8, e68182.	2.5	17
32	Evolutionary Dynamics of the OR Gene Repertoire in Teleost Fishes: Evidence of an Association with Changes in Olfactory Epithelium Shape. <i>Molecular Biology and Evolution</i> , 2021, 38, 3742-3753.	8.9	14
33	Characterisation of polymorphic microsatellite loci in the small-spotted catshark ( <i>Scyliorhinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	13
34	Comparison of the expression of medaka ( <i>Oryzias latipes</i> ) pitx genes with other vertebrates shows high conservation and a case of functional shuffling in the pituitary. <i>Gene</i> , 2007, 406, 42-50.	2.2	11
35	Holocephalan Embryo Provides New Information on the Evolution of the Glossopharyngeal Nerve, Metotic Fissure and Parachordal Plate in Gnathostomes. <i>PLoS ONE</i> , 2013, 8, e66988.	2.5	11
36	The coelacanth: Can a "living fossil" have active transposable elements in its genome?. <i>Mobile Genetic Elements</i> , 2015, 5, 55-59.	1.8	8

#	ARTICLE	IF	CITATIONS
37	Go West: A One Way Stepping-Stone Dispersion Model for the Cavefish <i>Lucifuga dentata</i> in Western Cuba. PLoS ONE, 2016, 11, e0153545.	2.5	8
38	Evolution of heteroplasmy at a mitochondrial tandem repeat locus in cultured rabbit cells. Current Genetics, 2002, 42, 66-72.	1.7	6
39	Genetic differentiation in the mountainous star coral <i>Orbicella faveolata</i> around Cuba. Coral Reefs, 2018, 37, 1217-1227.	2.2	6
40	Phylogeographic evidence that the distribution of cryptic euryhaline species in the <i>Gambusia punctata</i> species group in Cuba was shaped by the archipelago geological history. Molecular Phylogenetics and Evolution, 2020, 144, 106712.	2.7	5
41	Morphology and genetics reveal the occurrence of <i>Girardinus falcatus</i> (Eigenmann, 1903) (Cyprinodontiformes, Poeciliidae) in eastern Cuba. Check List, 2017, 13, 1059-1065.	0.4	3
42	A new species of the cave-fish genus <i>Lucifuga</i> (Ophidiiformes, Bythitidae), from eastern Cuba. ZooKeys, 2020, 946, 17-35.	1.1	3
43	Phylogénie et Évolution moléculaires. Médecine/Sciences, 2002, 18, 1146-1154.	0.2	1