

Didier Casane

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Tracing the origins of SARS-COV-2 in coronavirus phylogenies: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 769-785.	16.2	53
3	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
4	An appeal for an objective, open, and transparent scientific debate about the origin of SARS-CoV-2. <i>Lancet, The</i> , 2021, 398, 1402-1404.	13.7	17
5	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. <i>Molecular Phylogenetics and Evolution</i> , 2020, 144, 106712.	2.7	5
6	A new species of the cave-fish genus <i>Lucifuga</i> (Ophidiiformes, Bythitidae), from eastern Cuba. <i>ZooKeys</i> , 2020, 946, 17-35.	1.1	3
7	Genetic differentiation in the mountainous star coral <i>Orbicella faveolata</i> around Cuba. <i>Coral Reefs</i> , 2018, 37, 1217-1227.	2.2	6
8	Morphology and genetics reveal the occurrence of <i>Girardinus falcatus</i> (Eigenmann, 1903) (Cyprinodontiformes, Poeciliidae) in eastern Cuba. <i>Check List</i> , 2017, 13, 1059-1065.	0.4	3
9	Go West: A One Way Stepping-Stone Dispersion Model for the Cavefish <i>Lucifuga dentata</i> in Western Cuba. <i>PLoS ONE</i> , 2016, 11, e0153545.	2.5	8
10	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
11	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
12	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
13	Evolution of eye development in the darkness of caves: adaptation, drift, or both?. <i>EvoDevo</i> , 2013, 4, 26.	3.2	103
14	Why coelacanths are not "living fossils". <i>BioEssays</i> , 2013, 35, 332-338.	2.5	67
15	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
16	Accommodating the load. <i>Mobile Genetic Elements</i> , 2013, 3, e24775.	1.8	30
17	De Novo Sequencing of <i>Astyanax mexicanus</i> Surface Fish and Pach ³ⁿ Cavefish Transcriptomes Reveals Enrichment of Mutations in Cavefish Putative Eye Genes. <i>PLoS ONE</i> , 2013, 8, e53553.	2.5	93
18	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

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19	Heterogeneous Conservation of Dlx Paralog Co-Expression in Jawed Vertebrates. PLoS ONE, 2013, 8, e68182.	2.5	17
20	First Analysis of Multiple Paternity in an Oviparous Shark, the Small-Spotted Catshark (Scyliorhinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	40
21	Evolution of the Australian Lungfish (Neoceratodus forsteri) Genome: A Major Role for CR1 and L2 LINE Elements. Molecular Biology and Evolution, 2012, 29, 3529-3539.	8.9	42
22	Molecular phylogeny and phylogeography of the Cuban cave-fishes of the genus Lucifuga: Evidence for cryptic allopatric diversity. Molecular Phylogenetics and Evolution, 2011, 61, 470-483.	2.7	25
23	Evolution of repeated structures along the body axis of jawed vertebrates, insights from the Scyliorhinus canicula Hox code. Evolution & Development, 2011, 13, 247-259.	2.0	41
24	Characterisation of polymorphic microsatellite loci in the small-spotted catshark (Scyliorhinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	0.8	13
25	Evolution of Hox Gene Clusters in Gnathostomes: Insights from a Survey of a Shark (Scyliorhinus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	8.9	50
26	DNA barcoding of Cuban freshwater fishes: evidence for cryptic species and taxonomic conflicts. Molecular Ecology Resources, 2010, 10, 421-430.	4.8	141
27	Two Lamprey Hedgehog Genes Share Non-Coding Regulatory Sequences and Expression Patterns with Gnathostome Hedgehogs. PLoS ONE, 2010, 5, e13332.	2.5	22
28	Deciphering the complete mitochondrial genome and phylogeny of the extinct cave bear in the Paleolithic painted cave of Chauvet. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17447-17452.	7.1	65
29	Comparison of the expression of medaka (Oryzias latipes) pitx genes with other vertebrates shows high conservation and a case of functional shuffling in the pituitary. Gene, 2007, 406, 42-50.	2.2	11
30	Where do animal Î±-amylases come from? An interkingdom trip. FEBS Letters, 2007, 581, 3927-3935.	2.8	30
31	Morphological and gene expression similarities suggest that the ascidian neural gland may be osmoregulatory and homologous to vertebrate peri-ventricular organs. European Journal of Neuroscience, 2006, 24, 2299-2308.	2.6	36
32	An unusual choanoflagellate protein released by Hedgehog autocatalytic processing. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 401-407.	2.6	56
33	Evidence of intratypic recombination in natural populations of hepatitis C virus. Journal of General Virology, 2004, 85, 31-37.	2.9	119
34	Phylogenomics of Eukaryotes: Impact of Missing Data on Large Alignments. Molecular Biology and Evolution, 2004, 21, 1740-1752.	8.9	371
35	Comparison of even-skipped related gene expression pattern in vertebrates shows an association between expression domain loss and modification of selective constraints on sequences. Evolution & Development, 2003, 5, 145-156.	2.0	23
36	Functional Divergence Prediction from Evolutionary Analysis: A Case Study of Vertebrate Hemoglobin. Molecular Biology and Evolution, 2003, 20, 1754-1759.	8.9	50

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37	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
38	PhylogÃ©nie et Ã©volution molÃ©culaires. <i>Medecine/Sciences</i> , 2002, 18, 1146-1154.	0.2	1
39	Evolution of heteroplasmy at a mitochondrial tandem repeat locus in cultured rabbit cells. <i>Current Genetics</i> , 2002, 42, 66-72.	1.7	6
40	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
41	Humanâ€“Chimpanzee DNA Sequence Variation in the Four Major Genes of the Renin Angiotensin System. <i>Genomics</i> , 2000, 69, 14-26.	2.9	23
42	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
43	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