

Dorothe Huchon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4812014/publications.pdf>

Version: 2024-02-01

62
papers

3,456
citations

159358

30
h-index

143772

57
g-index

63
all docs

63
docs citations

63
times ranked

4165
citing authors

#	ARTICLE	IF	CITATIONS
1	Rodent Phylogeny and a Timescale for the Evolution of Glires: Evidence from an Extensive Taxon Sampling Using Three Nuclear Genes. <i>Molecular Biology and Evolution</i> , 2002, 19, 1053-1065.	3.5	305
2	Rodent phylogeny revised: analysis of six nuclear genes from all major rodent clades. <i>BMC Evolutionary Biology</i> , 2009, 9, 71.	3.2	242
3	From the Old World to the New World: A Molecular Chronicle of the Phylogeny and Biogeography of Hystricognath Rodents. <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 238-251.	1.2	196
4	Arrival and Diversification of Caviomorph Rodents and Platyrrhine Primates in South America. <i>Systematic Biology</i> , 2006, 55, 228-244.	2.7	194
5	Genomic insights into the evolutionary origin of Myxozoa within Cnidaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14912-14917.	3.3	193
6	Multiple molecular evidences for a living mammalian fossil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7495-7499.	3.3	141
7	Combining Multiple Data Sets in a Likelihood Analysis: Which Models are the Best?. <i>Molecular Biology and Evolution</i> , 2002, 19, 2294-2307.	3.5	136
8	An updated 18S rRNA phylogeny of tunicates based on mixture and secondary structure models. <i>BMC Evolutionary Biology</i> , 2009, 9, 187.	3.2	133
9	Rodent Evolution: Back to the Root. <i>Molecular Biology and Evolution</i> , 2010, 27, 1315-1326.	3.5	131
10	GLOOME: gain loss mapping engine. <i>Bioinformatics</i> , 2010, 26, 2914-2915.	1.8	122
11	Variance of molecular datings, evolution of rodents and the phylogenetic affinities between Ctenodactylidae and Hystricognathi. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000, 267, 393-402.	1.2	117
12	16S rRNA Phylogeny of Sponge-Associated Cyanobacteria. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4127-4131.	1.4	102
13	Putative cross-kingdom horizontal gene transfer in sponge (Porifera) mitochondria. <i>BMC Evolutionary Biology</i> , 2006, 6, 71.	3.2	101
14	Molecular evolution of the nuclear von Willebrand factor gene in mammals and the phylogeny of rodents. <i>Molecular Biology and Evolution</i> , 1999, 16, 577-589.	3.5	95
15	Local Molecular Clocks in Three Nuclear Genes: Divergence Times for Rodents and Other Mammals and Incompatibility Among Fossil Calibrations. <i>Journal of Molecular Evolution</i> , 2003, 57, S201-S213.	0.8	92
16	A new γ -proteobacterial clade of Bdellovibrio-like predators: implications for the mitochondrial endosymbiotic theory. <i>Environmental Microbiology</i> , 2006, 8, 2179-2188.	1.8	81
17	Sustained high levels of neuregulin-1 in the longest-lived rodents; a key determinant of rodent longevity. <i>Aging Cell</i> , 2012, 11, 213-222.	3.0	72
18	A cnidarian parasite of salmon (Myxozoa: <i>Henneguya</i>) lacks a mitochondrial genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5358-5363.	3.3	63

#	ARTICLE	IF	CITATIONS
19	Deep Sequencing of Mixed Total DNA without Barcodes Allows Efficient Assembly of Highly Plastic Ascidian Mitochondrial Genomes. <i>Genome Biology and Evolution</i> , 2013, 5, 1185-1199.	1.1	56
20	Tunicate mitogenomics and phylogenetics: peculiarities of the <i>Herdmania momus</i> mitochondrial genome and support for the new chordate phylogeny. <i>BMC Genomics</i> , 2009, 10, 534.	1.2	54
21	Bird Mitochondrial Gene Order: Insight from 3 Warbler Mitochondrial Genomes. <i>Molecular Biology and Evolution</i> , 2008, 25, 475-477.	3.5	53
22	Ancient DNA and Population Turnover in Southern Levantine Pigs- Signature of the Sea Peoples Migration?. <i>Scientific Reports</i> , 2013, 3, 3035.	1.6	51
23	Shedding light on an East-Mediterranean mesophotic sponge ground community and the regional sponge fauna. <i>Mediterranean Marine Science</i> , 2018, 19, 84.	0.6	50
24	Rabbits, if anything, are likely Glires. <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 922-935.	1.2	45
25	Diversity and evolution of myxozoan minicollagens and nematogalectins. <i>BMC Evolutionary Biology</i> , 2014, 14, 205.	3.2	43
26	Armadillos exhibit less genetic polymorphism in North America than in South America: nuclear and mitochondrial data confirm a founder effect in <i>Dasytus novemcinctus</i> (Xenarthra). <i>Molecular Ecology</i> , 1999, 8, 1743-1748.	2.0	40
27	Large-Scale Parsimony Analysis of Metazoan Indels in Protein-Coding Genes. <i>Molecular Biology and Evolution</i> , 2010, 27, 441-451.	3.5	34
28	Phylogeny of coral-inhabiting barnacles (Cirripedia; Thoracica; Pyrgomatidae) based on 12S, 16S and 18S rDNA analysis. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 1333-1341.	1.2	33
29	Diversity of sponge mitochondrial introns revealed by <i>cox 1</i> sequences of Tetillidae. <i>BMC Evolutionary Biology</i> , 2010, 10, 288.	3.2	33
30	The distribution and molecular diversity of the Eastern Atlantic and Mediterranean chthamalids (Crustacea, Cirripedia). <i>Zoologica Scripta</i> , 2009, 38, 365-378.	0.7	30
31	Phylogeny of Tetillidae (Porifera, Demospongiae, Spirophorida) based on three molecular markers. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 509-519.	1.2	29
32	<i>Dasytispora levantinae</i> gen. et sp. nov., a new microsporidian parasite from the common stingray <i>Dasyatis pastinaca</i> in the eastern Mediterranean. <i>Diseases of Aquatic Organisms</i> , 2010, 91, 137-150.	0.5	28
33	Eastern Mediterranean Mobility in the Bronze and Early Iron Ages: Inferences from Ancient DNA of Pigs and Cattle. <i>Scientific Reports</i> , 2017, 7, 701.	1.6	27
34	Indel Reliability in Indel-Based Phylogenetic Inference. <i>Genome Biology and Evolution</i> , 2014, 6, 3199-3209.	1.1	26
35	ALG11 – A new variable DNA marker for sponge phylogeny: Comparison of phylogenetic performances with the 18S rDNA and the COI gene. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 702-713.	1.2	25
36	Automated Scanning for Phylogenetically Informative Transposed Elements in Rodents. <i>Systematic Biology</i> , 2006, 55, 936-948.	2.7	24

#	ARTICLE	IF	CITATIONS
37	The Multipartite Mitochondrial Genome of <i>Enteromyxum leei</i> (Myxozoa): Eight Fast-Evolving Megacircles. <i>Molecular Biology and Evolution</i> , 2017, 34, 1551-1556.	3.5	22
38	The complete mitochondrial genome of the demosponge <i>Negombata magnifica</i> (Poecilosclerida). <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 1238-1243.	1.2	21
39	Back to solitude: Solving the phylogenetic position of the Diazonidae using molecular and developmental characters. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 51-56.	1.2	21
40	Molecular diversity of benthic ctenophores (Coeloplanidae). <i>Scientific Reports</i> , 2017, 7, 6365.	1.6	21
41	Mitochondrial group I and group II introns in the sponge orders Agelasida and Axinellida. <i>BMC Evolutionary Biology</i> , 2015, 15, 278.	3.2	19
42	Biology of a new xenoma-forming gonadotropic microsporidium in the invasive blotchfin dragonet <i>Callionymus filamentosus</i> . <i>Diseases of Aquatic Organisms</i> , 2014, 109, 35-54.	0.5	15
43	Extensive mitochondrial gene rearrangements in Ctenophora: insights from benthic Platyctenida. <i>BMC Evolutionary Biology</i> , 2018, 18, 65.	3.2	15
44	And Then There Were Three: Extreme Regeneration Ability of the Solitary Chordate <i>Polycarpa mytiligera</i> . <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652466.	1.8	15
45	The invasive ascidian <i>Ciona robusta</i> recorded from a Red Sea marina. <i>Marine Biodiversity</i> , 2018, 48, 2211-2214.	0.3	13
46	An elongated COI fragment to discriminate botryllid species and as an improved ascidian DNA barcode. <i>Scientific Reports</i> , 2021, 11, 4078.	1.6	13
47	Myxosporea (Myxozoa, Cnidaria) Lack DNA Cytosine Methylation. <i>Molecular Biology and Evolution</i> , 2021, 38, 393-404.	3.5	12
48	Genetic diversity and phylogeography of the greater mouse-tailed bat <i>Rhinopoma microphyllum</i> (BrÄnnich, 1782) in the Levant. <i>Acta Chiropterologica</i> , 2008, 10, 207-212.	0.2	10
49	Illuminating Genetic Mysteries of the Dead Sea Scrolls. <i>Cell</i> , 2020, 181, 1218-1231.e27.	13.5	10
50	The complete mitochondrial genome of the gilthead seabream <i>Sparus aurata</i> L. (Sparidae). <i>Mitochondrial DNA</i> , 2016, 27, 781-782.	0.6	9
51	A genome wide survey reveals multiple nematocyst-specific genes in Myxozoa. <i>BMC Evolutionary Biology</i> , 2018, 18, 138.	3.2	8
52	A new mitochondrial gene order in the banded cusk-eel <i>Raneya brasiliensis</i> (Actinopterygii). <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	0.2	8
53	Mitochondrial and morphological variation of <i>Tilapia zillii</i> in Israel. <i>BMC Research Notes</i> , 2012, 5, 172.	0.6	6
54	The complete mitochondrial genome of the devil firefish <i>Pterois miles</i> (Bennett, 1828) (Scorpaenidae). <i>Mitochondrial DNA</i> , 2016, 27, 783-784.	0.6	6

#	ARTICLE	IF	CITATIONS
55	Molecular relationships of the Israeli shrews (Eulipotyphla: Soricidae) based on cytochrome b sequences. <i>Mammalia</i> , 2021, 85, 79-89.	0.3	5
56	Origin of Passerine Migratory Waves: Evidence from the Blackcap at a Stopover Site. <i>Israel Journal of Ecology and Evolution</i> , 2010, 56, 135-151.	0.2	2
57	First evidence of miniature transposable elements in sponges (Porifera). <i>Hydrobiologia</i> , 2012, 687, 43-47.	1.0	2
58	Two novel myxosporean parasite species of <i>Ceratomyxa Tholohan</i> , 1892 from the banded cusk-eel <i>Raneya brasiliensis</i> (Kaup) (Ophidiiformes: Ophidiidae) off Patagonia, Argentina. <i>Parasitology International</i> , 2021, 85, 102433.	0.6	2
59	Myxozoan infection in thinlip mullet <i>Chelon ramada</i> (Mugiliformes: Mugilidae) in the Sea of Galilee. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
60	Éléments mobiles SINE en phylogénie. <i>Medecine/Sciences</i> , 2002, 18, 1276-1281.	0.0	1
61	The First Mitochondrial Genomics and Evolution SMBE-Satellite Meeting: A New Scientific Symbiosis. <i>Genome Biology and Evolution</i> , 2017, 9, 3054-3058.	1.1	0
62	The pericardium of <i>Oikopleura dioica</i> (Tunicata, Appendicularia) contains two distinct cell types and is rotated by 90 degrees to the left. <i>Zoomorphology</i> , 2021, 140, 527.	0.4	0