

Christophe J Douady

List of Publications by Year in descending order

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69
papers

6,023
citations

136740

32
h-index

106150

65
g-index

73
all docs

73
docs citations

73
times ranked

6553
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolution of the Early Placental Mammal Radiation Using Bayesian Phylogenetics. <i>Science</i> , 2001, 294, 2348-2351.	6.0	1,215
2	Parallel adaptive radiations in two major clades of placental mammals. <i>Nature</i> , 2001, 409, 610-614.	13.7	626
3	Comparison of Bayesian and Maximum Likelihood Bootstrap Measures of Phylogenetic Reliability. <i>Molecular Biology and Evolution</i> , 2003, 20, 248-254.	3.5	460
4	Universal trees based on large combined protein sequence data sets. <i>Nature Genetics</i> , 2001, 28, 281-285.	9.4	379
5	Lateral Gene Transfer and the Origins of Prokaryotic Groups. <i>Annual Review of Genetics</i> , 2003, 37, 283-328.	3.2	357
6	A molecular test for cryptic diversity in ground water: how large are the ranges of macrocystobionts?. <i>Freshwater Biology</i> , 2009, 54, 727-744.	1.2	210
7	Mitochondrial Versus Nuclear Gene Sequences in Deep-Level Mammalian Phylogeny Reconstruction. <i>Molecular Biology and Evolution</i> , 2001, 18, 132-143.	3.5	185
8	Horizontal gene transfer and phylogenetics. <i>Current Opinion in Microbiology</i> , 2003, 6, 498-505.	2.3	177
9	Plant resistance to mechanical stress: evidence of an avoidance-tolerance tradeoff. <i>New Phytologist</i> , 2011, 191, 1141-1149.	3.5	172
10	Molecular phylogenetic evidence refuting the hypothesis of Batoidea (rays and skates) as derived sharks. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 215-221.	1.2	152
11	The Sahara as a vicariant agent, and the role of Miocene climatic events, in the diversification of the mammalian order Macroscelidea (elephant shrews). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8325-8330.	3.3	140
12	Intragenomic Heterogeneity and Intergenomic Recombination among Haloarchaeal rRNA Genes. <i>Journal of Bacteriology</i> , 2004, 186, 3980-3990.	1.0	110
13	Molecular phylogenetic evidence confirming the Eulipotyphla concept and in support of hedgehogs as the sister group to shrews†. <i>Molecular Phylogenetics and Evolution</i> , 2002, 25, 200-209.	1.2	89
14	Title is missing!. <i>Conservation Genetics</i> , 2003, 4, 415-425.	0.8	89
15	Scent evolution in Chinese roses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5927-5932.	3.3	86
16	The cryptic and the apparent reversed: lack of genetic differentiation within the morphologically diverse plexus of the planktonic foraminifer <i>Globigerinoides sacculifer</i> . <i>Paleobiology</i> , 2013, 39, 21-39.	1.3	85
17	Molecular Evidence for the Major Clades of Placental Mammals. <i>Journal of Mammalian Evolution</i> , 2001, 8, 239-277.	1.0	82
18	Preventing the pollution of mitochondrial datasets with nuclear mitochondrial paralogs (numts). <i>Mitochondrion</i> , 2011, 11, 246-254.	1.6	82

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19	Molecular estimation of eulipotyphlan divergence times and the evolution of "Insectivora"; Molecular Phylogenetics and Evolution, 2003, 28, 285-296.	1.2	77
20	Geographic distribution of an extinct equid (<i>Equus hydruntinus</i> : Mammalia, Equidae) revealed by morphological and genetical analyses of fossils. Molecular Ecology, 2006, 15, 2083-2093.	2.0	76
21	Do cryptic species matter in macroecology? Sequencing European groundwater crustaceans yields smaller ranges but does not challenge biodiversity determinants. Ecography, 2018, 41, 424-436.	2.1	72
22	SSU rDNA Divergence in Planktonic Foraminifera: Molecular Taxonomy and Biogeographic Implications. PLoS ONE, 2014, 9, e104641.	1.1	60
23	Nomenclature for the Nameless: A Proposal for an Integrative Molecular Taxonomy of Cryptic Diversity Exemplified by Planktonic Foraminifera. Systematic Biology, 2016, 65, 925-940.	2.7	60
24	Timetree of Aselloidea Reveals Species Diversification Dynamics in Groundwater. Systematic Biology, 2013, 62, 512-522.	2.7	55
25	PFR ² : a curated database of planktonic foraminifera 18S ribosomal <i>scp</i> DNA as a resource for studies of plankton ecology, biogeography and evolution. Molecular Ecology Resources, 2015, 15, 1472-1485.	2.2	55
26	Molecular Evidence for the Monophyly of Tenrecidae (Mammalia) and the Timing of the Colonization of Madagascar by Malagasy Tenrecs. Molecular Phylogenetics and Evolution, 2002, 22, 357-363.	1.2	51
27	Molecular phylogeny of the extinct giant deer, <i>Megaloceros giganteus</i> . Molecular Phylogenetics and Evolution, 2006, 40, 285-291.	1.2	50
28	Worldwide Genotyping in the Planktonic Foraminifer <i>Globoconella inflata</i> : Implications for Life History and Paleoceanography. PLoS ONE, 2011, 6, e26665.	1.1	46
29	Global scale same-specimen morpho-genetic analysis of <i>Truncorotalia truncatulinoides</i> : A perspective on the morphological species concept in planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 391, 2-12.	1.0	43
30	Trophic ecology of groundwater species reveals specialization in a low-productivity environment. Functional Ecology, 2016, 30, 262-273.	1.7	43
31	DNA from extinct giant lemurs links archaeolemurids to extant indriids. BMC Evolutionary Biology, 2008, 8, 121.	3.2	40
32	The imprint of Quaternary glaciers on the present-day distribution of the obligate groundwater amphipod <i>Niphargus virei</i> (Niphargidae). Journal of Biogeography, 2008, 35, 552-564.	1.4	39
33	Thermal tolerance breadths among groundwater crustaceans living in a thermally constant environment. Journal of Experimental Biology, 2013, 216, 1683-94.	0.8	38
34	Mitochondrial genomes reveal the extinct <i>Hippidion</i> as an outgroup to all living equids. Biology Letters, 2015, 11, 20141058.	1.0	36
35	Compositional heterogeneity within and among isochores in mammalian genomes. Gene, 2001, 276, 15-24.	1.0	34
36	First cellular approach of the effects of global warming on groundwater organisms: a study of the HSP70 gene expression. Cell Stress and Chaperones, 2010, 15, 259-270.	1.2	32

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37	Anthropization level of Lascaux Cave microbiome shown by regional scale comparisons of pristine and anthropized caves. <i>Molecular Ecology</i> , 2019, 28, 3383-3394.	2.0	30
38	Diversity of bacteriorhodopsins in different hypersaline waters from a single Spanish saltern. <i>Environmental Microbiology</i> , 2003, 5, 1039-1045.	1.8	29
39	Freeze tolerance evolution among anurans: Frequency and timing of appearance. <i>Cryobiology</i> , 2009, 58, 241-247.	0.3	29
40	Life History Traits Impact the Nuclear Rate of Substitution but Not the Mitochondrial Rate in Isopods. <i>Molecular Biology and Evolution</i> , 2018, 35, 2900-2912.	3.5	28
41	Integrating phylogeography, physiology and habitat modelling to explore species range determinants. <i>Journal of Biogeography</i> , 2014, 41, 687-699.	1.4	27
42	Fragmentation promotes the role of dispersal in determining 10 intermittent headwater stream metacommunities. <i>Freshwater Biology</i> , 2020, 65, 2169-2185.	1.2	26
43	Methodology for Single-Cell Genetic Analysis of Planktonic Foraminifera for Studies of Protist Diversity and Evolution. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	25
44	Do current environmental conditions explain physiological and metabolic responses of subterranean crustaceans to cold?. <i>Journal of Experimental Biology</i> , 2009, 212, 1859-1868.	0.8	22
45	Using analytical ultracentrifugation to study compositional variation in vertebrate genomes. <i>European Biophysics Journal</i> , 2003, 32, 418-426.	1.2	20
46	Diversity and Phylogenetic Implications of CsCl Profiles from Rodent DNAs. <i>Molecular Phylogenetics and Evolution</i> , 2000, 17, 219-230.	1.2	19
47	The use of composite taxa in supermatrices. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 883-884.	1.2	18
48	Enhancing DNA metabarcoding performance and applicability with bait capture enrichment and DNA from conservative ethanol. <i>Molecular Ecology Resources</i> , 2020, 20, 79-96.	2.2	15
49	â€œLipotyrphlanâ€-phylogeny based on the growth hormone receptor gene: a reanalysis. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 778-788.	1.2	12
50	Trophic selectivity in aquatic isopods increases with the availability of resources. <i>Functional Ecology</i> , 2020, 34, 1078-1090.	1.7	11
51	Sterols and steroids in a freshwater crustacean (<i>Proasellus meridianus</i>): hormonal response to nutritional input. <i>Invertebrate Biology</i> , 2014, 133, 99-107.	0.3	10
52	Multiple invasions in urbanized landscapes: interactions between the invasive garden ant <i>Lasius neglectus</i> and Japanese knotweeds (<i>Fallopia</i> spp.). <i>Arthropod-Plant Interactions</i> , 2018, 12, 351-360.	0.5	10
53	Dispersal limitation by structures is more important than intermittent drying effects for metacommunity dynamics in a highly fragmented river network. <i>Freshwater Science</i> , 2021, 40, 302-315.	0.9	10
54	No Evidence That Nitrogen Limitation Influences the Elemental Composition of Isopod Transcriptomes and Proteomes. <i>Molecular Biology and Evolution</i> , 2016, 33, 2605-2620.	3.5	9

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55	Geomorphic influence on intraspecific genetic differentiation and diversity along hyporheic corridors. <i>Freshwater Biology</i> , 2017, 62, 1955-1970.	1.2	9
56	Disconnection between genetic and morphological diversity in the planktonic foraminifer <i>Neoglobobulimina pachyderma</i> from the Indian sector of the Southern Ocean. <i>Marine Micropaleontology</i> , 2018, 144, 14-24.	0.5	8
57	Bedrock radioactivity influences the rate and spectrum of mutation. <i>ELife</i> , 2020, 9, .	2.8	8
58	Molecular evidence for the monophyly of Tenrecidae: a reply to Asher. <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 331-332.	1.2	7
59	Unravelling phylogenetic relationships among regionally co-existing species: <i>Hydropsyche</i> species (Trichoptera: Hydropsychidae) in the Loire River. <i>Zootaxa</i> , 2010, 2556, 51.	0.2	7
60	Unique and shared effects of local and catchment predictors over distribution of hyporheic organisms: does the valley rule the stream?. <i>Ecography</i> , 2022, 2022, .	2.1	6
61	Mammoth and Elephant Phylogenetic Relationships: <i>Mammuth Americanum</i> , the Missing Outgroup. <i>Evolutionary Bioinformatics</i> , 2007, 3, 117693430700300.	0.6	5
62	Microsatellite Development and First Population Size Estimates for the Groundwater Isopod <i>Proasellus walteri</i> . <i>PLoS ONE</i> , 2013, 8, e76213.	1.1	4
63	Phylogeny, age structure, growth dynamics and colour pattern of the <i>Salamandra atra</i> population in the Edough Massif, northeastern Algeria. <i>Amphibia - Reptilia</i> , 2017, 38, 461-471.	0.1	4
64	A new obligate groundwater species of <i>Asellus</i> (Isopoda, Asellidae) from Iran. <i>Subterranean Biology</i> , 2010, 42, 97-124.	5.0	4
65	GOTIT: A laboratory application software for optimizing multi-criteria species-based research. <i>Methods in Ecology and Evolution</i> , 2020, 11, 159-167.	2.2	2
66	Horizontal Gene Transfer and the Universal Tree of Life. , 2002, , 305-349.		2
67	The scientific contribution of Guy Magniez (1935–2014). <i>Subterranean Biology</i> , 2014, 13, 55-64.	5.0	2
68	Do current environmental conditions explain physiological and metabolic responses of subterranean crustaceans to cold?. <i>Journal of Experimental Biology</i> , 2010, 213, 2354-2354.	0.8	0
69	Reconstructing and Interpreting Evolutionary Relationships. , 2003, , 856-868.		0