Christophe J Douady

List of Publications by Year
in descending order

69	6,023	136740 32	106150 65
papers	citations	h-index	g-index

73	73	73	6553
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unique and shared effects of local and catchment predictors over distribution of hyporheic organisms: does the valley rule the stream?. Ecography, 2022, 2022, .	2.1	6
2	Dispersal limitation by structures is more important than intermittent drying effects for metacommunity dynamics in a highly fragmented river network. Freshwater Science, 2021, 40, 302-315.	0.9	10
3	Enhancing DNA metabarcoding performance and applicability with bait capture enrichment and DNA from conservative ethanol. Molecular Ecology Resources, 2020, 20, 79-96.	2.2	15
4	GOTIT: A laboratory application software for optimizing multiâ€criteria speciesâ€based research. Methods in Ecology and Evolution, 2020, 11, 159-167.	2.2	2
5	Fragmentation promotes the role of dispersal in determining 10 intermittent headwater stream metacommunities. Freshwater Biology, 2020, 65, 2169-2185.	1.2	26
6	Trophic selectivity in aquatic isopods increases with the availability of resources. Functional Ecology, 2020, 34, 1078-1090.	1.7	11
7	Bedrock radioactivity influences the rate and spectrum of mutation. ELife, 2020, 9, .	2.8	8
8	Anthropization level of Lascaux Cave microbiome shown by regionalâ€scale comparisons of pristine and anthropized caves. Molecular Ecology, 2019, 28, 3383-3394.	2.0	30
9	Multiple invasions in urbanized landscapes: interactions between the invasive garden ant Lasius neglectus and Japanese knotweeds (Fallopia spp.). Arthropod-Plant Interactions, 2018, 12, 351-360.	0.5	10
10	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
11	Life History Traits Impact the Nuclear Rate of Substitution but Not the Mitochondrial Rate in Isopods. Molecular Biology and Evolution, 2018, 35, 2900-2912.	3.5	28
12	Disconnection between genetic and morphological diversity in the planktonic foraminifer Neogloboquadrina pachyderma from the Indian sector of the Southern Ocean. Marine Micropaleontology, 2018, 144, 14-24.	0.5	8
13	Geomorphic influence on intraspecific genetic differentiation and diversity along hyporheic corridors. Freshwater Biology, 2017, 62, 1955-1970.	1.2	9
14	Phylogeny, age structure, growth dynamics and colour pattern of the Salamandra algira algira population in the Edough Massif, northeastern Algeria. Amphibia - Reptilia, 2017, 38, 461-471.	0.1	4
15	Methodology for Single-Cell Genetic Analysis of Planktonic Foraminifera for Studies of Protist Diversity and Evolution. Frontiers in Marine Science, 2016, 3, .	1.2	25
16	Trophic ecology of groundwater species reveals specialization in a lowâ€productivity environment. Functional Ecology, 2016, 30, 262-273.	1.7	43
17	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
18	No Evidence That Nitrogen Limitation Influences the Elemental Composition of Isopod Transcriptomes and Proteomes. Molecular Biology and Evolution, 2016, 33, 2605-2620.	3.5	9

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19	PFR²: a curated database of planktonic foraminifera 18S ribosomal <scp>DNA</scp> as a resource for studies of plankton ecology, biogeography and evolution. Molecular Ecology Resources, 2015, 15, 1472-1485.	2.2	55
20	Mitochondrial genomes reveal the extinct Hippidion as an outgroup to all living equids. Biology Letters, 2015, 11, 20141058.	1.0	36
21	SSU rDNA Divergence in Planktonic Foraminifera: Molecular Taxonomy and Biogeographic Implications. PLoS ONE, 2014, 9, e104641.	1.1	60
22	Integrating phylogeography, physiology and habitat modelling to explore species range determinants. Journal of Biogeography, 2014, 41, 687-699.	1.4	27
23	Sterols and steroids in a freshwater crustacean (Proasellus meridianus): hormonal response to nutritional input. Invertebrate Biology, 2014, 133, 99-107.	0.3	10
24	Timetree of Aselloidea Reveals Species Diversification Dynamics in Groundwater. Systematic Biology, 2013, 62, 512-522.	2.7	55
25	The cryptic and the apparent reversed: lack of genetic differentiation within the morphologically diverse plexus of the planktonic foraminifer Globigerinoides sacculifer. Paleobiology, 2013, 39, 21-39.	1.3	85
26	Global scale same-specimen morpho-genetic analysis of Truncorotalia truncatulinoides: A perspective on the morphological species concept in planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 391, 2-12.	1.0	43
27	Thermal tolerance breadths among groundwater crustaceans living in a thermally constant environment. Journal of Experimental Biology, 2013, 216, 1683-94.	0.8	38
28	Microsatellite Development and First Population Size Estimates for the Groundwater Isopod Proasellus walteri. PLoS ONE, 2013, 8, e76213.	1.1	4
29	Plant resistance to mechanical stress: evidence of an avoidanceâ€“tolerance tradeâ€off. New Phytologist, 2011, 191, 1141-1149.	3.5	172
30	Preventing the pollution of mitochondrial datasets with nuclear mitochondrial paralogs (numts). Mitochondrion, 2011, 11, 246-254.	1.6	82
31	Worldwide Genotyping in the Planktonic Foraminifer Globoconella inflata: Implications for Life History and Paleoceanography. PLoS ONE, 2011, 6, e26665.	1.1	46
32	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
33	Do current environmental conditions explain physiological and metabolic responses of subterranean crustaceans to cold?. Journal of Experimental Biology, 2010, 213, 2354-2354.	0.8	0
34	Unravelling phylogenetic relationships among regionally co-existing species: Hydropsyche species (Trichoptera: Hydropsychidae) in the Loire River. Zootaxa, 2010, 2556, 51.	0.2	7
35	Do current environmental conditions explain physiological and metabolic responses of subterranean crustaceans to cold?. Journal of Experimental Biology, 2009, 212, 1859-1868.	0.8	22
36	A molecular test for cryptic diversity in ground water: how large are the ranges of macroâ€stygobionts?. Freshwater Biology, 2009, 54, 727-744.	1.2	210

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37	Freeze tolerance evolution among anurans: Frequency and timing of appearance. Cryobiology, 2009, 58, 241-247.	0.3	29
38	The imprint of Quaternary glaciers on the present-day distribution of the obligate groundwater amphipod Niphargus virei (Niphargidae). Journal of Biogeography, 2008, 35, 552-564.	1.4	39
39	DNA from extinct giant lemurs links archaeolemurids to extant indriids. BMC Evolutionary Biology, 2008, 8, 121.	3.2	40
40	Scent evolution in Chinese roses. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5927-5932.	3.3	86
41	Mammoth and Elephant Phylogenetic Relationships: Mammut Americanum, the Missing Outgroup. Evolutionary Bioinformatics, 2007, 3, 117693430700300.	0.6	5
42	Geographic distribution of an extinct equid (Equus hydruntinus : Mammalia, Equidae) revealed by morphological and genetical analyses of fossils. Molecular Ecology, 2006, 15, 2083-2093.	2.0	76
43	Molecular phylogeny of the extinct giant deer, Megaloceros giganteus. Molecular Phylogenetics and Evolution, 2006, 40, 285-291.	1.2	50
44	â€œLipotyphlanâ€•phylogeny based on the growth hormone receptor gene: a reanalysis. Molecular Phylogenetics and Evolution, 2004, 30, 778-788.	1.2	12
45	The use of composite taxa in supermatrices. Molecular Phylogenetics and Evolution, 2004, 30, 883-884.	1.2	18
46	Intragenomic Heterogeneity and Intergenomic Recombination among Haloarchaeal rRNA Genes. Journal of Bacteriology, 2004, 186, 3980-3990.	1.0	110
47	Title is missing!. Conservation Genetics, 2003, 4, 415-425.	0.8	89
48	Using analytical ultracentrifugation to study compositional variation in vertebrate genomes. European Biophysics Journal, 2003, 32, 418-426.	1.2	20
49	Molecular phylogenetic evidence refuting the hypothesis of Batoidea (rays and skates) as derived sharks. Molecular Phylogenetics and Evolution, 2003, 26, 215-221.	1.2	152
50	Molecular evidence for the monophyly of Tenrecidae: a reply to Asher. Molecular Phylogenetics and Evolution, 2003, 26, 331-332.	1.2	7
51	Molecular estimation of eulipotyphlan divergence times and the evolution of â€œInsectivoraâ€• Molecular Phylogenetics and Evolution, 2003, 28, 285-296.	1.2	77
52	Diversity of bacteriorhodopsins in different hypersaline waters from a single Spanish saltern. Environmental Microbiology, 2003, 5, 1039-1045.	1.8	29
53	Lateral Gene Transfer and the Origins of Prokaryotic Groups. Annual Review of Genetics, 2003, 37, 283-328.	3.2	357
54	Comparison of Bayesian and Maximum Likelihood Bootstrap Measures of Phylogenetic Reliability. Molecular Biology and Evolution, 2003, 20, 248-254.	3.5	460

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55	Horizontal gene transfer and phylogenetics. Current Opinion in Microbiology, 2003, 6, 498-505.	2.3	177
56	The Sahara as a vicariant agent, and the role of Miocene climatic events, in the diversification of the mammalian order Macroscelidea (elephant shrews). Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8325-8330.	3.3	140
57	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
58	Molecular phylogenetic evidence confirming the Eulipotyphla concept and in support of hedgehogs as the sister group to shrewsâ˜†. Molecular Phylogenetics and Evolution, 2002, 25, 200-209.	1.2	89
59	Horizontal Gene Transfer and the Universal Tree of Life. , 2002, , 305-349.		2
60	Resolution of the Early Placental Mammal Radiation Using Bayesian Phylogenetics. Science, 2001, 294, 2348-2351.	6.0	1,215
61	Compositional heterogeneity within and among isochores in mammalian genomes. Gene, 2001, 276, 15-24.	1.0	34
62	Mitochondrial Versus Nuclear Gene Sequences in Deep-Level Mammalian Phylogeny Reconstruction. Molecular Biology and Evolution, 2001, 18, 132-143.	3.5	185
63	Molecular Evidence for the Major Clades of Placental Mammals. Journal of Mammalian Evolution, 2001, 8, 239-277.	1.0	82
64	Universal trees based on large combined protein sequence data sets. Nature Genetics, 2001, 28, 281-285.	9.4	379
65	Parallel adaptive radiations in two major clades of placental mammals. Nature, 2001, 409, 610-614.	13.7	626
66	Diversity and Phylogenetic Implications of CsCl Profiles from Rodent DNAs. Molecular Phylogenetics and Evolution, 2000, 17, 219-230.	1.2	19
67	Reconstructing and Interpreting Evolutionary Relationships. , 0, , 856-868.		0
68	The scientific contribution of Guy Magniez (1935â€“2014). Subterranean Biology, 0, 13, 55-64.	5.0	2
69	ï»¿A new obligate groundwater species of Asellus (Isopoda, Asellidae) from Iran. Subterranean Biology, 0, 42, 97-124.	5.0	4