

Philip Francis Thomsen

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

9,036
citations

185998

28
h-index

214527

47
g-index

49
all docs

49
docs citations

49
times ranked

8802
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental DNA "An emerging tool in conservation for monitoring past and present biodiversity. <i>Biological Conservation</i> , 2015, 183, 4-18.	1.9	1,421
2	Monitoring endangered freshwater biodiversity using environmental DNA. <i>Molecular Ecology</i> , 2012, 21, 2565-2573.	2.0	882
3	Next-generation monitoring of aquatic biodiversity using environmental <scp>DNA</scp> metabarcoding. <i>Molecular Ecology</i> , 2016, 25, 929-942.	2.0	873
4	Detection of a Diverse Marine Fish Fauna Using Environmental DNA from Seawater Samples. <i>PLoS ONE</i> , 2012, 7, e41732.	1.1	747
5	Critical considerations for the application of environmental <scp>DNA</scp> methods to detect aquatic species. <i>Methods in Ecology and Evolution</i> , 2016, 7, 1299-1307.	2.2	684
6	A genome-wide association study identifies CDHR3 as a susceptibility locus for early childhood asthma with severe exacerbations. <i>Nature Genetics</i> , 2014, 46, 51-55.	9.4	497
7	Monitoring the near-extinct European weather loach in Denmark based on environmental DNA from water samples. <i>Biological Conservation</i> , 2015, 183, 46-52.	1.9	304
8	DNA metabarcoding"Need for robust experimental designs to draw sound ecological conclusions. <i>Molecular Ecology</i> , 2019, 28, 1857-1862.	2.0	300
9	Environmental DNA from Seawater Samples Correlate with Trawl Catches of Subarctic, Deepwater Fishes. <i>PLoS ONE</i> , 2016, 11, e0165252.	1.1	296
10	Investigating the Potential Use of Environmental DNA (eDNA) for Genetic Monitoring of Marine Mammals. <i>PLoS ONE</i> , 2012, 7, e41781.	1.1	294
11	Ancient and modern environmental DNA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130383.	1.8	292
12	DNA from Pre-Clovis Human Coprolites in Oregon, North America. <i>Science</i> , 2008, 320, 786-789.	6.0	283
13	Harnessing DNA to improve environmental management. <i>Science</i> , 2014, 344, 1455-1456.	6.0	229
14	Population characteristics of a large whale shark aggregation inferred from seawater environmental DNA. <i>Nature Ecology and Evolution</i> , 2017, 1, 4.	3.4	223
15	The Origin of Insects. <i>Science</i> , 2006, 314, 1883-1884.	6.0	155
16	Screening mammal biodiversity using DNA from leeches. <i>Current Biology</i> , 2012, 22, R262-R263.	1.8	150
17	Environmental DNA metabarcoding of wild flowers reveals diverse communities of terrestrial arthropods. <i>Ecology and Evolution</i> , 2019, 9, 1665-1679.	0.8	126
18	Seawater environmental DNA reflects seasonality of a coastal fish community. <i>Marine Biology</i> , 2017, 164, 1.	0.7	118

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19	Population-level inferences from environmental DNA—Current status and future perspectives. <i>Evolutionary Applications</i> , 2020, 13, 245-262.	1.5	105
20	Non-Destructive Sampling of Ancient Insect DNA. <i>PLoS ONE</i> , 2009, 4, e5048.	1.1	99
21	Environmental DNA for improved detection and environmental surveillance of schistosomiasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8931-8940.	3.3	94
22	Monitoring of noble, signal and narrow-clawed crayfish using environmental DNA from freshwater samples. <i>PLoS ONE</i> , 2017, 12, e0179261.	1.1	90
23	Species-specific detection and quantification of environmental DNA from marine fishes in the Baltic Sea. <i>Journal of Experimental Marine Biology and Ecology</i> , 2019, 510, 31-45.	0.7	88
24	Using vertebrate environmental DNA from seawater in biomonitoring of marine habitats. <i>Conservation Biology</i> , 2020, 34, 697-710.	2.4	80
25	Pancrustacean Evolution Illuminated by Taxon-Rich Genomic-Scale Data Sets with an Expanded Remipede Sampling. <i>Genome Biology and Evolution</i> , 2019, 11, 2055-2070.	1.1	76
26	Bionomics and distribution of the stag beetle, <i>Lucanus cervus</i> (L.) across Europe*. <i>Insect Conservation and Diversity</i> , 2011, 4, 23-38.	1.4	66
27	First maxillae suction discs in Branchiura (Crustacea): Development and evolution in light of the first molecular phylogeny of Branchiura, Pentastomida, and other “Maxillopoda”. <i>Arthropod Structure and Development</i> , 2008, 37, 333-346.	0.8	51
28	Resource specialists lead local insect community turnover associated with temperature “ analysis of an 18-year full-seasonal record of moths and beetles. <i>Journal of Animal Ecology</i> , 2016, 85, 251-261.	1.3	42
29	Genome-scale target capture of mitochondrial and nuclear environmental DNA from water samples. <i>Molecular Ecology Resources</i> , 2021, 21, 690-702.	2.2	29
30	Short-term temporal variation of coastal marine eDNA. <i>Environmental DNA</i> , 2022, 4, 747-762.	3.1	28
31	A National Scale “BioBlitz” Using Citizen Science and eDNA Metabarcoding for Monitoring Coastal Marine Fish. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	28
32	Red-listed species and forest continuity “ A multi-taxon approach to conservation in temperate forests. <i>Forest Ecology and Management</i> , 2016, 378, 144-159.	1.4	27
33	Vertical zonation and functional diversity of fish assemblages revealed by ROV videos at oil platforms in The Gulf. <i>Journal of Fish Biology</i> , 2017, 91, 947-967.	0.7	26
34	Individual haplotyping of whale sharks from seawater environmental DNA. <i>Molecular Ecology Resources</i> , 2022, 22, 56-65.	2.2	25
35	How do low dispersal species establish large range sizes? The case of the water beetle <i>Graphoderus bilineatus</i> . <i>Ecography</i> , 2013, 36, 770-777.	2.1	22
36	The Ediacaran origin of Ecdysozoa: integrating fossil and phylogenomic data. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	21

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37	Where have all the young wolves gone? Traffic and cryptic mortality create a wolf population sink in Denmark and northernmost Germany. <i>Conservation Letters</i> , 2021, 14, e12812.	2.8	20
38	Consequences of marine barriers for genetic diversity of the coral specialist yellowbar angelfish from the Northwestern Indian Ocean. <i>Ecology and Evolution</i> , 2019, 9, 11215-11226.	0.8	19
39	Environmental DNA metabarcoding of cow dung reveals taxonomic and functional diversity of invertebrate assemblages. <i>Molecular Ecology</i> , 2021, 30, 3374-3389.	2.0	19
40	Seasonal turnover in community composition of stream-associated macroinvertebrates inferred from freshwater environmental DNA metabarcoding. <i>Environmental DNA</i> , 2021, 3, 861-876.	3.1	19
41	Tracing European eel in the diet of mesopelagic fishes from the Sargasso Sea using DNA from fish stomachs. <i>Marine Biology</i> , 2018, 165, 1.	0.7	18
42	Accumulation and diversity of airborne, eukaryotic environmental DNA. <i>Environmental DNA</i> , 2022, 4, 1323-1339.	3.1	18
43	Screening mammal biodiversity using DNA from leeches. <i>Current Biology</i> , 2012, 22, 1980.	1.8	17
44	<i>Myxine jespersenae</i> , a New Species of Hagfish (Myxiniiformes: Myxiniidae) from the North Atlantic Ocean. <i>Copeia</i> , 2005, 2005, 374-385.	1.4	13
45	The Phylogeny of Rhizocephalan Parasites of the Genus <i>Heterosaccus</i> using Molecular and Larval Data (Cirripedia: Rhizocephala; Sacculinidae). <i>Israel Journal of Ecology and Evolution</i> , 2008, 54, 223-238.	0.2	9
46	The Sandy Zebra Shark: A New Color Morph of the Zebra Shark <i>Stegostoma tigrinum</i> , with a Redescription of the Species and a Revision of Its Nomenclature. <i>Copeia</i> , 2019, 107, 524.	1.4	8
47	Significantly Higher Carabid Beetle (Coleoptera: Carabidae) Catch in Conventionally than in Organically Managed Christmas Tree Plantations. <i>Journal of Entomological Science</i> , 2012, 47, 110-124.	0.2	4
48	The DNA around Us. <i>Trends in Ecology and Evolution</i> , 2019, 34, 766-767.	4.2	1