

Philip Francis Thomsen

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

9,036
citations

186265
28
h-index

214800
47
g-index

49
all docs

49
docs citations

49
times ranked

8802
citing authors

#	ARTICLE	IF	CITATIONS
1	Individual haplotyping of whale sharks from seawater environmental DNA. <i>Molecular Ecology Resources</i> , 2022, 22, 56-65.	4.8	25
2	The Ediacaran origin of Ecdysozoa: integrating fossil and phylogenomic data. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	21
3	Short-term temporal variation of coastal marine eDNA. <i>Environmental DNA</i> , 2022, 4, 747-762.	5.8	28
4	A National Scale "BioBlitz" Using Citizen Science and eDNA Metabarcoding for Monitoring Coastal Marine Fish. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	28
5	Accumulation and diversity of airborne, eukaryotic environmental <scp>DNA</scp>. <i>Environmental DNA</i> , 2022, 4, 1323-1339.	5.8	18
6	Environmental DNA metabarcoding of cow dung reveals taxonomic and functional diversity of invertebrate assemblages. <i>Molecular Ecology</i> , 2021, 30, 3374-3389.	3.9	19
7	Genome-scale target capture of mitochondrial and nuclear environmental DNA from water samples. <i>Molecular Ecology Resources</i> , 2021, 21, 690-702.	4.8	29
8	Seasonal turnover in community composition of stream-associated macroinvertebrates inferred from freshwater environmental DNA metabarcoding. <i>Environmental DNA</i> , 2021, 3, 861-876.	5.8	19
9	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.	5.7	20
10	Population-level inferences from environmental DNA "Current status and future perspectives. <i>Evolutionary Applications</i> , 2020, 13, 245-262.	3.1	105
11	Using vertebrate environmental DNA from seawater in biomonitoring of marine habitats. <i>Conservation Biology</i> , 2020, 34, 697-710.	4.7	80
12	The DNA around Us. <i>Trends in Ecology and Evolution</i> , 2019, 34, 766-767.	8.7	1
13	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.	2.5	76
14	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.	1.9	19
15	DNA metabarcoding "Need for robust experimental designs to draw sound ecological conclusions. <i>Molecular Ecology</i> , 2019, 28, 1857-1862.	3.9	300
16	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.	7.1	94
17	Environmental DNA metabarcoding of wild flowers reveals diverse communities of terrestrial arthropods. <i>Ecology and Evolution</i> , 2019, 9, 1665-1679.	1.9	126
18	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.	1.5	88

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19	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.	1.3	8
20	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.	1.5	18
21	Seawater environmental DNA reflects seasonality of a coastal fish community. <i>Marine Biology</i> , 2017, 164, 1.	1.5	118
22	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.	1.6	26
23	Population characteristics of a large whale shark aggregation inferred from seawater environmental DNA. <i>Nature Ecology and Evolution</i> , 2017, 1, 4.	7.8	223
24	Monitoring of noble, signal and narrow-clawed crayfish using environmental DNA from freshwater samples. <i>PLoS ONE</i> , 2017, 12, e0179261.	2.5	90
25	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.	5.2	684
26	Next-generation monitoring of aquatic biodiversity using environmental <scp>DNA</scp> metabarcoding. <i>Molecular Ecology</i> , 2016, 25, 929-942.	3.9	873
27	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.	3.2	27
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.	2.8	42
29	Environmental DNA from Seawater Samples Correlate with Trawl Catches of Subarctic, Deepwater Fishes. <i>PLoS ONE</i> , 2016, 11, e0165252.	2.5	296
30	Monitoring the near-extinct European weather loach in Denmark based on environmental DNA from water samples. <i>Biological Conservation</i> , 2015, 183, 46-52.	4.1	304
31	Environmental DNA – An emerging tool in conservation for monitoring past and present biodiversity. <i>Biological Conservation</i> , 2015, 183, 4-18.	4.1	1,421
32	Ancient and modern environmental DNA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130383.	4.0	292
33	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.	21.4	497
34	Harnessing DNA to improve environmental management. <i>Science</i> , 2014, 344, 1455-1456.	12.6	229
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.	4.5	22
36	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.	0.3	4

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37	Screening mammal biodiversity using DNA from leeches. <i>Current Biology</i> , 2012, 22, 1980.	3.9	17
38	Investigating the Potential Use of Environmental DNA (eDNA) for Genetic Monitoring of Marine Mammals. <i>PLoS ONE</i> , 2012, 7, e41781.	2.5	294
39	Detection of a Diverse Marine Fish Fauna Using Environmental DNA from Seawater Samples. <i>PLoS ONE</i> , 2012, 7, e41732.	2.5	747
40	Screening mammal biodiversity using DNA from leeches. <i>Current Biology</i> , 2012, 22, R262-R263.	3.9	150
41	Monitoring endangered freshwater biodiversity using environmental DNA. <i>Molecular Ecology</i> , 2012, 21, 2565-2573.	3.9	882
42	Bionomics and distribution of the stag beetle, <i>Lucanus cervus</i> (L.) across Europe*. <i>Insect Conservation and Diversity</i> , 2011, 4, 23-38.	3.0	66
43	Non-Destructive Sampling of Ancient Insect DNA. <i>PLoS ONE</i> , 2009, 4, e5048.	2.5	99
44	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.	1.4	51
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.	0.6	9
46	DNA from Pre-Clovis Human Coprolites in Oregon, North America. <i>Science</i> , 2008, 320, 786-789.	12.6	283
47	The Origin of Insects. <i>Science</i> , 2006, 314, 1883-1884.	12.6	155
48	<i>Myxine jespersenae</i> , a New Species of Hagfish (Myxiniformes: Myxinidae) from the North Atlantic Ocean. <i>Copeia</i> , 2005, 2005, 374-385.	1.3	13