

# Mark de Bruyn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7912937/publications.pdf>

Version: 2024-02-01

55  
papers

3,895  
citations

279798

23  
h-index

149698

56  
g-index

68  
all docs

68  
docs citations

68  
times ranked

6498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental DNA for wildlife biology and biodiversity monitoring. <i>Trends in Ecology and Evolution</i> , 2014, 29, 358-367.	8.7	920
2	Biogeography of the Indo-Australian Archipelago. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2011, 42, 205-226.	8.3	400
3	Borneo and Indochina are Major Evolutionary Hotspots for Southeast Asian Biodiversity. <i>Systematic Biology</i> , 2014, 63, 879-901.	5.6	283
4	Acidity promotes degradation of multi-species environmental DNA in lotic mesocosms. <i>Communications Biology</i> , 2018, 1, 4.	4.4	219
5	Looking forward through the past: identification of 50 priority research questions in palaeoecology. <i>Journal of Ecology</i> , 2014, 102, 256-267.	4.0	212
6	Environmental selection on transcriptome-derived SNPs in a high gene flow marine fish, the Atlantic herring ( <i>Clupea harengus</i> ). <i>Molecular Ecology</i> , 2012, 21, 3686-3703.	3.9	205
7	Gene-associated markers provide tools for tackling illegal fishing and false eco-certification. <i>Nature Communications</i> , 2012, 3, 851.	12.8	199
8	Fish Product Mislabelling: Failings of Traceability in the Production Chain and Implications for Illegal, Unreported and Unregulated (IUU) Fishing. <i>PLoS ONE</i> , 2014, 9, e98691.	2.5	128
9	Phylogeographic evidence for the existence of an ancient biogeographic barrier: the Isthmus of Kra Seaway. <i>Heredity</i> , 2005, 94, 370-378.	2.6	121
10	Detection of introduced and resident marine species using environmental DNA metabarcoding of sediment and water. <i>Scientific Reports</i> , 2019, 9, 11559.	3.3	109
11	Rapid Response of a Marine Mammal Species to Holocene Climate and Habitat Change. <i>PLoS Genetics</i> , 2009, 5, e1000554.	3.5	92
12	Huxley's line demarcates extensive genetic divergence between eastern and western forms of the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> . <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 251-257.	2.7	85
13	Paleo-Drainage Basin Connectivity Predicts Evolutionary Relationships across Three Southeast Asian Biodiversity Hotspots. <i>Systematic Biology</i> , 2013, 62, 398-410.	5.6	78
14	DNA Barcoding Reveals Cryptic Diversity within Commercially Exploited Indo-Malay Carangidae (Teleostei: Perciformes). <i>PLoS ONE</i> , 2012, 7, e49623.	2.5	74
15	Faunal histories from Holocene ancient DNA. <i>Trends in Ecology and Evolution</i> , 2011, 26, 405-413.	8.7	72
16	Molecular signatures of Pleistocene sea-level changes that affected connectivity among freshwater shrimp in Indo-Australian waters. <i>Molecular Ecology</i> , 2007, 16, 4295-4307.	3.9	57
17	Reconciling geography and genealogy: phylogeography of giant freshwater prawns from the Lake Carpentaria region. <i>Molecular Ecology</i> , 2004, 13, 3515-3526.	3.9	55
18	Executing multi-taxa eDNA ecological assessment via traditional metrics and interactive networks. <i>Science of the Total Environment</i> , 2020, 729, 138801.	8.0	51

#	ARTICLE	IF	CITATIONS
19	Phylogenomics and species delimitation for effective conservation of manta and devil rays. <i>Molecular Ecology</i> , 2020, 29, 4783-4796.	3.9	45
20	On the Biogeography of Centipeda: A Species-Tree Diffusion Approach. <i>Systematic Biology</i> , 2014, 63, 178-191.	5.6	43
21	Patterns of molecular diversity in wild stocks of the redclaw crayfish ( <i>Cherax</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 To landscape evolution. <i>Freshwater Biology</i> , 2008, 53, 1592-1605.	2.4	38
22	Animals, protists and bacteria share marine biogeographic patterns. <i>Nature Ecology and Evolution</i> , 2021, 5, 738-746.	7.8	36
23	Microsatellite loci in the eastern form of the giant freshwater prawn ( <i>Macrobrachium rosenbergii</i> ). <i>Molecular Ecology Notes</i> , 2005, 5, 308-310.	1.7	33
24	Environmental DNA provides higher resolution assessment of riverine biodiversity and ecosystem function via spatio-temporal nestedness and turnover partitioning. <i>Communications Biology</i> , 2021, 4, 512.	4.4	30
25	Plio-Pleistocene phylogeography of the Southeast Asian Blue Panchax killifish, <i>Aplocheilichthys panchax</i> . <i>PLoS ONE</i> , 2017, 12, e0179557.	2.5	22
26	Impacts of climatic factors on evolution of molecular diversity and the natural distribution of wild stocks of the giant freshwater prawn ( <i>Macrobrachium rosenbergii</i> ). <i>Freshwater Science</i> , 2014, 33, 217-231.	1.8	21
27	Metabarcoding for stomach content analyses of Pygmy devil ray ( <i>Mobula kuhlii</i> cf.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 To 2019, 9, 2678-2687.	1.9	21
28	Population differentiation in the context of Holocene climate change for a migratory marine species, the southern elephant seal. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1667-1679.	1.7	19
29	Stepping stones to isolation: Impacts of a changing climate on the connectivity of fragmented fish populations. <i>Evolutionary Applications</i> , 2018, 11, 978-994.	3.1	18
30	DNA Barcoding Reveals High Cryptic Diversity of the Freshwater Halfbeak Genus <i>Hemirhamphodon</i> from Sundaland. <i>PLoS ONE</i> , 2016, 11, e0163596.	2.5	17
31	Exploring hidden diversity in Southeast Asia's <i>Dermogenys</i> spp. (Belontiiformes: Zenarchopteridae) through DNA barcoding. <i>Scientific Reports</i> , 2018, 8, 10787.	3.3	16
32	Comparative genetic stock structure in three species of commercially exploited Indo-Malay Carangidae (Teleostei, Perciformes). <i>Journal of Fish Biology</i> , 2020, 96, 337-349.	1.6	15
33	The linking of plate tectonics and evolutionary divergence. <i>Current Biology</i> , 2013, 23, R603-R605.	3.9	14
34	The complex evolutionary history and phylogeography of <i>Caridina typus</i> (Crustacea: Decapoda): long-distance dispersal and cryptic allopatric species. <i>Scientific Reports</i> , 2017, 7, 9044.	3.3	13
35	Successful extraction of DNA from archived alcohol-fixed white-eye fish specimens using an ancient DNA protocol. <i>Journal of Fish Biology</i> , 2011, 78, 2074-2079.	1.6	12
36	Time and space in biogeography: response to Parenti & Ebach (2013). <i>Journal of Biogeography</i> , 2013, 40, 2204-2206.	3.0	12

#	ARTICLE	IF	CITATIONS
37	Rapid increase in southern elephant seal genetic diversity after a founder event. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133078.	2.6	10
38	Suggestions for a molecular biodiversity assessment of South East Asian freshwater invertebrates. Lessons from the megadiverse beetles (Coleoptera). Journal of Limnology, 2013, 72, .	1.1	8
39	Mummified and skeletal southern elephant seals ( <i>Mirounga leonina</i> ) from the Victoria Land Coast, Ross Sea, Antarctica. Marine Mammal Science, 2019, 35, 934-956.	1.8	8
40	Managing human-mediated range shifts: understanding spatial, temporal and genetic variation in marine non-native species. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210025.	4.0	8
41	Range-wide genomic data synthesis reveals transatlantic vicariance and secondary contact in Atlantic cod. Ecology and Evolution, 2018, 8, 12140-12152.	1.9	7
42	How mountains and elevations shape the spatial distribution of beetles in Peninsular Malaysia. Scientific Reports, 2021, 11, 5791.	3.3	7
43	Molecular biogeography and phylogeography of the freshwater fauna of the Indo-Australian Archipelago. , 0, , 316-347.		5
44	Anonymous nuclear markers for the African adders (Serpentes: Viperidae: Bitis). Conservation Genetics Resources, 2012, 4, 967-969.	0.8	5
45	An invasion in slow motion: the spread of invasive cane toads ( <i>Rhinella marina</i> ) into cooler climates in southern Australia. Biological Invasions, 2021, 23, 3565-3581.	2.4	5
46	Anonymous nuclear markers for SouthEast Asian halfbeak fishes (Dermogenys). Conservation Genetics Resources, 2010, 2, 325-327.	0.8	4
47	Anonymous nuclear markers for the Blue Panchax killifish ( <i>Aplocheilichthys panchax</i> ). Conservation Genetics Resources, 2011, 3, 53-55.	0.8	4
48	Metabarcoding gillnets to assess unaccounted catch depredation or escape. Environmental DNA, 2022, 4, 157-166.	5.8	4
49	Ecological community dynamics: 20 years of moth sampling reveals the importance of generalists for community stability. Basic and Applied Ecology, 2020, 49, 34-44.	2.7	3
50	Evolutionary history of a Scottish harbour seal population. PeerJ, 2020, 8, e9167.	2.0	3
51	Ecological changes have driven biotic exchanges across the Indian Ocean. Scientific Reports, 2021, 11, 23357.	3.3	3
52	Movements of southern elephant seals ( <i>Mirounga leonina</i> ) from Davis Base, Antarctica: combining population genetics and tracking data. Polar Biology, 2022, 45, 1163-1174.	1.2	3
53	Anonymous nuclear markers for halfbeak fishes of the genus <i>Hemirhamphodon</i> . Conservation Genetics Resources, 2011, 3, 155-157.	0.8	2
54	Secondary predation constrains DNA-based diet reconstruction in two threatened shark species. Scientific Reports, 2021, 11, 18350.	3.3	2

#	ARTICLE	IF	CITATIONS
55	Conservation genomics of the "Endangered" long-nosed bandicoot ( <i>Perameles nasuta</i> ) population at North Head, Sydney, Australia. <i>Conservation Genetics</i> , 2021, 22, 745-756.	1.5	0