Rupert A Collins

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6766899/publications.pdf

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24 papers	1,999 citations	567281 15 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	3368 citing authors

#	Article	IF	Citations
1	S<scp>pider</scp>: An R package for the analysis of species identity and evolution, with particular reference to DNA barcoding. Molecular Ecology Resources, 2012, 12, 562-565.	4.8	404
2	The seven deadly sins of <scp>DNA</scp> barcoding. Molecular Ecology Resources, 2013, 13, 969-975.	4.8	398
3	Persistence of environmental DNA in marine systems. Communications Biology, 2018, 1, 185.	4.4	256
4	Nonâ€specific amplification compromises environmental DNA metabarcoding with COI. Methods in Ecology and Evolution, 2019, 10, 1985-2001.	5.2	202
5	Barcoding's next top model: an evaluation of nucleotide substitution models for specimen identification. Methods in Ecology and Evolution, 2012, 3, 457-465.	5.2	169
6	Barcoding and Border Biosecurity: Identifying Cyprinid Fishes in the Aquarium Trade. PLoS ONE, 2012, 7, e28381.	2.5	122
7	Climate Change Drives Poleward Increases and Equatorward Declines in Marine Species. Current Biology, 2020, 30, 1572-1577.e2.	3.9	111
8	One thousand DNA barcodes of piranhas and pacus reveal geographic structure and unrecognised diversity in the Amazon. Scientific Reports, 2018, 8, 8387.	3.3	47
9	Something in the water: biosecurity monitoring of ornamental fish imports using environmental DNA. Biological Invasions, 2013, 15, 1209-1215.	2.4	45
10	Known Knowns, Known Unknowns, Unknown Unknowns and Unknown Knowns in DNA Barcoding: A Comment on Dowton et al.. Systematic Biology, 2014, 63, 1005-1009.	5.6	42
11	Sliding Window Analyses for Optimal Selection of Mini-Barcodes, and Application to 454-Pyrosequencing for Specimen Identification from Degraded DNA. PLoS ONE, 2012, 7, e38215.	2.5	38
12	<scp>Metaâ€Fishâ€Lib</scp>: A generalised, dynamic <scp>DNA</scp> reference library pipeline for metabarcoding of fishes. Journal of Fish Biology, 2021, 99, 1446-1454.	1.6	33
13	An In Silico Comparison of Protocols for Dated Phylogenomics. Systematic Biology, 2018, 67, 633-650.	5.6	24
14	Phylogenetic systematics of leaffishes (Teleostei: Polycentridae, Nandidae). Journal of Zoological Systematics and Evolutionary Research, 2015, 53, 259-272.	1.4	19
15	Schistosoma species detection by environmental DNA assays in African freshwaters. PLoS Neglected Tropical Diseases, 2020, 14, e0008129.	3.0	18
16	Environmental DNA-based xenomonitoring for determining Schistosoma presence in tropical freshwaters. Parasites and Vectors, 2020, 13, 63.	2.5	15
17	Aquatic Organisms Research with DNA Barcodes. Diversity, 2021, 13, 306.	1.7	10
18	Integrative taxonomy reveals a new species of pacu (Characiformes: Serrasalmidae: Myloplus) from the Brazilian Amazon. Neotropical Ichthyology, 2020, 18, .	1.0	9

#	Article	IF	Citations
19	Biogeography and species delimitation of the rheophilic suckermouth catfish genus Pseudolithoxus (Siluriformes: Loricariidae), with the description of a new species from the Brazilian Amazon. Systematics and Biodiversity, 2018, 16, 538-550.	1.2	8
20	From shallow to deep divergences: mixed messages from Amazon Basin cichlids. Hydrobiologia, 2019, 832, 317-329.	2.0	8
21	Environmental DNA captures elasmobranch diversity in a temperate marine ecosystem. Environmental DNA, 2022, 4, 1024-1038.	5.8	7
22	A preliminary inventory of the catfishes of the lower Rio NhamundÃ¡, Brazil (Ostariophysi,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	0.8	2
23	Environmental DNAâ€based methods detect the invasion front of an advancing signal crayfish population. Environmental DNA, 2022, 4, 596-607.	5.8	2
24	Revision of the African cichlid fish genus Ctenochromis (Teleostei, Cichliformes), including a description of the new genus Shuja from Lake Tanganyika and the new species Ctenochromis scatebra from northern Tanzania. European Journal of Taxonomy, 0, 819, 23-54.	0.6	2