

# Rodolphe Rougerie

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,732  
citations

249298

26  
h-index

223390

49  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional and taxonomic responses of tropical moth communities to deforestation. <i>Insect Conservation and Diversity</i> , 2022, 15, 236-247.	1.4	6
2	Hidden Phylogenomic Signal Helps Elucidate Arsenurine Silkmoth Phylogeny and the Evolution of Body Size and Wing Shape Trade-Offs. <i>Systematic Biology</i> , 2022, 71, 859-874.	2.7	5
3	A diversification relay race from Caribbean-Mesoamerica to the Andes: historical biogeography of <i>Xylophanes</i> hawkmoths. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212435.	1.2	6
4	New information on <i>Trichophiala devylderi</i> Aurivillius, 1879. Full description of both sexes, genetic study and lectotype designation (Lepidoptera, Eupterotidae). <i>Revue Suisse De Zoologie</i> , 2022, 129, .	0.1	1
5	Evaluating DNA Barcoding for Species Identification and Discovery in European Gracillariid Moths. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	40
6	Description of three new species of <i>Automeris</i> Hübner, 1819 from Colombia and Brazil (Lepidoptera, Tj ETQq0 0.0rgBT /Oylock 10 0.5	0.5	0
7	The Wild Silkmoths (Lepidoptera: Bombycoidea: Saturniidae) of Colombia: a database of occurrence points and taxonomic checklist. <i>Zootaxa</i> , 2021, 5081, 151-202.	0.2	3
8	A global food plant dataset for wild silkmoths and hawkmoths and its use in documenting polyphagy of their caterpillars (Lepidoptera: Bombycoidea: Saturniidae, Sphingidae). <i>Biodiversity Data Journal</i> , 2020, 8, e60027.	0.4	11
9	Edible caterpillars of <i>Imbrasia truncata</i> and <i>Imbrasia epimethea</i> contain lipids and proteins of high potential for nutrition. <i>Journal of Food Composition and Analysis</i> , 2019, 79, 70-79.	1.9	21
10	The Challenge of DNA Barcoding Saproxylic Beetles in Natural History Collectionsâ€”Exploring the Potential of Parallel Multiplex Sequencing With Illumina MiSeq. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	14
11	DNA barcodes reveal deeply neglected diversity and numerous invasions of micromoths in Madagascar. <i>Genome</i> , 2019, 62, 108-121.	0.9	12
12	Characterization and comparison of poorly known moth communities through DNA barcoding in two Afrotropical environments in Gabon. <i>Genome</i> , 2019, 62, 96-107.	0.9	15
13	DNA barcoding of Zygaenidae (Lepidoptera): results and perspectives. <i>Nota Lepidopterologica</i> , 2019, 42, 137-150.	0.6	16
14	Stability in Lepidoptera names is not served by reversal to gender agreement: a response to Wiemers et al. (2018). <i>Nota Lepidopterologica</i> , 2019, 42, 101-111.	0.6	6
15	Complex taxonomy of the â€˜brush tailâ€™ peregrine earthworm <i>Pontosclex corethrurus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 60-70.	1.2	27
16	A global checklist of the Bombycoidea (Insecta: Lepidoptera). <i>Biodiversity Data Journal</i> , 2018, 6, e22236.	0.4	67
17	Biodiversity loss along a gradient of deforestation in Amazonian agricultural landscapes. <i>Conservation Biology</i> , 2018, 32, 1380-1391.	2.4	51
18	The Saturniidae of Barro Colorado Island, Panama: A model taxon for studying the long-term effects of climate change?. <i>Ecology and Evolution</i> , 2017, 7, 9991-10004.	0.8	20

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19	Fast Census of Moth Diversity in the Neotropics: A Comparison of Field-Assigned Morphospecies and DNA Barcoding in Tiger Moths. PLoS ONE, 2016, 11, e0148423.	1.1	18
20	An integrative taxonomy approach unveils unknown and threatened moth species in Amazonian rainforest fragments. Insect Conservation and Diversity, 2016, 9, 475-479.	1.4	7
21	Species-Level Para- and Polyphyly in DNA Barcode Gene Trees: Strong Operational Bias in European Lepidoptera. Systematic Biology, 2016, 65, 1024-1040.	2.7	160
22	Intraspecific Variation in <i>Antherina suraka</i> (Lepidoptera: Saturniidae), an Endemic Resident of Endangered Forests in Madagascar. Annals of the Entomological Society of America, 2016, 109, 384-395.	1.3	1
23	DNA barcoding reveals diversity patterns of earthworm communities in remote tropical forests of French Guiana. Soil Biology and Biochemistry, 2016, 92, 171-183.	4.2	51
24	Integrative taxonomy reveals a new species of Callisto (Lepidoptera, Gracillariidae) in the Alps. ZooKeys, 2015, 473, 157-176.	0.5	25
25	PASSIFOR: A reference library of DNA barcodes for French saproxylic beetles (Insecta, Coleoptera). Biodiversity Data Journal, 2015, 3, e4078.	0.4	28
26	Biodiversity inventories in high gear: DNA barcoding facilitates a rapid biotic survey of a temperate nature reserve. Biodiversity Data Journal, 2015, 3, e6313.	0.4	69
27	Australian Sphingidae – DNA Barcodes Challenge Current Species Boundaries and Distributions. PLoS ONE, 2014, 9, e101108.	1.1	36
28	A striking new genus and species of tiger-moth (Lepidoptera: Erebidæ, Arctiinae), <i>Tj ETQq0 0 0 rgBT /Overlock 1</i> placement. Zootaxa, 2014, 3760, 289.	0.2	6
29	DNA barcoding reveals a largely unknown fauna of <i>G</i> racillariidae leaf-mining moths in the Neotropics. Molecular Ecology Resources, 2014, 14, 286-296.	2.2	45
30	Potential of DNA barcoding for earthworm research in taxonomy and ecology. Applied Soil Ecology, 2013, 65, 35-42.	2.1	62
31	DNA barcoding and the taxonomy of <i>M</i> icrogastrinae wasps (Hymenoptera, Tj ETQq1 1 0.784314 rgBT /Overlock 1 Resources, 2013, 13, 168-176.	2.2	104
32	Genetic Patterns in European Geometrid Moths Revealed by the Barcode Index Number (BIN) System. PLoS ONE, 2013, 8, e84518.	1.1	125
33	What happens to the traditional taxonomy when a well-known tropical saturniid moth fauna is DNA barcoded?. Invertebrate Systematics, 2012, 26, 478.	0.5	30
34	DNA barcodes and morphology reveal a hybrid hawkmoth in Tahiti (Lepidoptera : Sphingidae). Invertebrate Systematics, 2012, 26, 445.	0.5	16
35	Host tracking or cryptic adaptation? Phylogeography of <i>Pediobius saulius</i> (Hymenoptera, Tj ETQq1 1 0.784314 rgBT /Overlock 1 2012, 5, 256-269.	1.5	21
36	Wolbachia and DNA Barcoding Insects: Patterns, Potential, and Problems. PLoS ONE, 2012, 7, e36514.	1.1	148

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37	Morphology and Molecules Reveal Unexpected Cryptic Diversity in the Enigmatic Genus <i>Sinobirma bryk</i> , 1944 (Lepidoptera: Saturniidae). <i>PLoS ONE</i> , 2012, 7, e43920.	1.1	11
38	Tracking origins of invasive herbivores through herbaria and archival DNA: the case of the horse chestnut leaf miner. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 322-328.	1.9	95
39	New insight into the genetic structure of the <i>Allolobophora chlorotica</i> aggregate in Europe using microsatellite and mitochondrial data. <i>Pedobiologia</i> , 2011, 54, 217-224.	0.5	67
40	Molecular analysis of parasitoid linkages (MAPL): gut contents of adult parasitoid wasps reveal larval host. <i>Molecular Ecology</i> , 2011, 20, 179-186.	2.0	81
41	When species matches are unavailable are DNA barcodes correctly assigned to higher taxa? An assessment using sphingid moths. <i>BMC Ecology</i> , 2011, 11, 18.	3.0	69
42	Un cas remarquable de dimorphisme sexuel par les codes barres ADN chez une arctiide nÃ©otropicale (Lepidoptera : Arctiidae). <i>Annales De La Societe Entomologique De France</i> , 2010, 46, 477-480.	0.4	5
43	DNA mini-barcodes in taxonomic assignment: a morphologically unique new homoneurous moth clade from the Indian Himalayas described in <i>Micropterix</i> (Lepidoptera, Micropterigidae). <i>Zoologica Scripta</i> , 2010, 39, 642-661.	0.7	30
44	Reintegrating earthworm juveniles into soil biodiversity studies: species identification through DNA barcoding. <i>Molecular Ecology Resources</i> , 2010, 10, 606-614.	2.2	64
45	Coupling non-destructive DNA extraction and voucher retrieval for small soft-bodied Arthropods in a high-throughput context: the example of Collembola. <i>Molecular Ecology Resources</i> , 2010, 10, 942-945.	2.2	88
46	DNA Barcoding Reveals Cryptic Diversity in <i>Lumbricus terrestris</i> L., 1758 (Clitellata): Resurrection of <i>L. herculeus</i> (Savigny, 1826). <i>PLoS ONE</i> , 2010, 5, e15629.	1.1	136
47	Evidence for the existence of three species in the genus <i>Archaeoattacus</i> (Lepidoptera: Saturniidae). <i>The Journal of Research on the Lepidoptera</i> , 2010, 43, 37-47.	0.1	6
48	Revision of the Australian <i>Oenochroma vinaria</i> GuenÃ©e, 1858 species-complex (Lepidoptera: Tortricidae) based on a specimen without dissection. <i>Zootaxa</i> , 2009, 2239, 1-21.	0.2	60
49	Sex attractant, distribution and DNA barcodes for the Afrotropical leaf-mining moth <i>Phyllonorycter melanosparta</i> (Lepidoptera: Gracillariidae). <i>Zootaxa</i> , 2009, 2281, 53-67.	0.2	10
50	Mitochondrial and microsatellite DNA markers reveal a Balkan origin for the highly invasive horse chestnut leaf miner <i>Cameraria ohridella</i> (Lepidoptera, Gracillariidae). <i>Molecular Ecology</i> , 2009, 18, 3458-3470.	2.0	103
51	Identifying earthworms through DNA barcodes: Pitfalls and promise. <i>Pedobiologia</i> , 2009, 52, 171-180.	0.5	57
52	Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. <i>Molecular Ecology Resources</i> , 2009, 9, 1-26.	2.2	305
53	DNA barcodes for soil animal taxonomy. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 789-802.	0.9	73
54	Morphology of the preimaginal stages of the African emperor moth <i>Bunaeopsis licharbas</i> (Maassen and Weyding): Phylogenetically informative characters within the Saturniinae (Lepidoptera: Tortricidae). <i>The Journal of Research on the Lepidoptera</i> , 2009, 42, 1-11.	0.2	22

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55	Phylogenetic relationships of wild silkmoths (Lepidoptera: Saturniidae) inferred from four protein-coding nuclear genes. <i>Systematic Entomology</i> , 2008, 33, 219-228.	1.7	55
56	Descriptions of two new species of Hemileucinae (Lepidoptera: Saturniidae) from the region of Muzo in Colombia—evidence from morphology and DNA barcodes. <i>Zootaxa</i> , 2008, 1944, 34-52.	0.2	19
57	Morphology and DNA barcoding reveal three cryptic species within the <i>Xylophanes neoptolemus</i> and <i>loelia</i> species-groups (Lepidoptera: Sphingidae). <i>Zootaxa</i> , 2008, 1923, 18-36.	0.2	49
58	Geographical barriers and ecological gradients: Geographical distribution of the subspecies and morphotypes of <i>Deutonura deficiens</i> Deharveng, 1979 (Collembola: Neanuridae). <i>Pedobiologia</i> , 2006, 50, 83-93.	0.5	3
59	<i>Hispaniadirphia lemaireiana</i> n. sp., a new saturniid from the Greater Antilles (Lepidoptera: Saturniidae). <i>Tj ETQq1 1 0,784314, ggBT /Over</i>	0.2	2
60	Metadata standards and practical guidelines for specimen and DNA curation when building barcode reference libraries for aquatic life. <i>Metabarcoding and Metagenomics</i> , 0, 5, .	0.0	29
61	Three new species of the <i>Xylophanes crotonis</i> species-group (Lepidoptera: Sphingidae) from Colombia and a neotype designation for <i>Xylophanes aristor</i> . <i>European Journal of Entomology</i> , 0, 118, 64-81.	1.2	1