# Bernard Goffinet

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3714393/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 113 papers | 4,705 citations | 109321 35 h-index | 123424 61 g-index |
| 123 all docs | 123 docs citations | 123 times ranked | 3654 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Chromosome-Level Genome Assemblies of Two Hypnales (Mosses) Reveal High Intergeneric Synteny. Genome Biology and Evolution, 2022, 14, . | 2.5 | 11 |
| 2 | Global phylogeny and taxonomic reassessment of the lichen genus Dendriscosticta (Ascomycota: Peltigerales). Taxon, 2022, 71, 256-287. | 0.7 | 3 |
| 3 | The Cycas genome and the early evolution of seed plants. Nature Plants, 2022, 8, 389-401. | 9.3 | 80 |
| 4 | Unveiling the nature of a miniature world: a horizon scan of fundamental questions in bryology. Journal of Bryology, 2022, 44, 1-34. | 1.2 | 12 |
| 5 | Exploring the impact of RNA editing on mitochondrial phylogenetic analyses in liverworts, an early land plant lineage. Journal of Systematics and Evolution, 2021, , . | 3.1 | 6 |
| 6 | High gene space divergence contrasts with frozen vegetative architecture in the moss family Funariaceae. Molecular Phylogenetics and Evolution, 2021, 154, 106965. | 2.7 | 5 |
| 7 | Discovery of epiphytic lichens in Connecticut suggests novel introduction and reintroduction via horticultural practices. Bryologist, 2021, 124, . | 0.6 | 2 |
| 8 | Editorial: Highlights of IAB IMOSS SEB 2019 Joint Conference. Frontiers in Plant Science, 2021, 12, 694765. | 3.6 | 0 |
| 9 | Phylogenomic reconstruction addressing the Peltigeralean backbone (Lecanoromycetes, Ascomycota). Fungal Diversity, 2021, 110, 59. | 12.3 | 3 |
| 10 | Karyotypic diversity and cryptic speciation: Have we vastly underestimated moss species diversity?. Bryophyte Diversity and Evolution, 2021, 43, . | 1.1 | 8 |
| 11 | Construction of DNA Tools for Hyperexpression in Marchantia Chloroplasts. ACS Synthetic Biology, 2021, 10, 1651-1666. | 3.8 | 11 |
| 12 | Plastid genomes and phylogenomics of liverworts (Marchantiophyta): Conserved genome structure but highest relative plastid substitution rate in land plants. Molecular Phylogenetics and Evolution, 2021, 161, 107171. | 2.7 | 12 |
| 13 | Macroclimatic structuring of spatial phylogenetic turnover in liverworts. Ecography, 2021, 44, 1474-1485. | 4.5 | 7 |
| 14 | Potential dispersal of tardigrades by birds through endozoochory: evidence from Sub-Antarctic White-bellied Seedsnipe (Attagis malouinus). Polar Biology, 2020, 43, 899-902. | 1.2 | 8 |
| 15 | Cophylogenetic patterns in algal symbionts correlate with repeated symbiont switches during diversification and geographic expansion of lichen-forming fungi in the genus Sticta (Ascomycota,) Tj ETQq1 1 0.784314 rgBT /Overlo | | |
| 16 | Population Genomics and Phylogeography of a Clonal Bryophyte With Spatially Separated Sexes and Extreme Sex Ratios. Frontiers in Plant Science, 2020, 11, 495. | 3.6 | 7 |
| 17 | Transcriptional Landscapes of Divergent Sporophyte Development in Two Mosses, Physcomitrium (Physcomitrella) patens and Funaria hygrometrica. Frontiers in Plant Science, 2020, 11, 747. | 3.6 | 19 |
| 18 | The Moss Physcomitrium (Physcomitrella) patens: A Model Organism for Non-Seed Plants. Plant Cell, 2020, 32, 1361-1376. | 6.6 | 188 |

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|---|---|---|---|
| 19 | Are fungiâ€derived genomic regions related to antagonism towards fungi in mosses?. New Phytologist, 2020, 228, 1169-1175. | 7.3 | 8 |
| 20 | The hornwort genome and early land plant evolution. Nature Plants, 2020, 6, 107-118. | 9.3 | 203 |
| 21 | Evidence of targeted consumption of mosses by birds in sub-Antarctic South America. Austral Ecology, 2020, 45, 399-403. | 1.5 | 6 |
| 22 | Emmanuelia, a new genus of lobarioid lichen-forming fungi (Ascomycota: Peltigerales): phylogeny and synopsis of accepted species. Plant and Fungal Systematics, 2020, 65, 76-94. | 0.5 | 4 |
| 23 | The Amount of RNA Editing Sites in Liverwort Organellar Genes Is Correlated with GC Content and Nuclear PPR Protein Diversity. Genome Biology and Evolution, 2019, 11, 3233-3239. | 2.5 | 27 |
| 24 | Phylogenomic delineation of Physcomitrium (Bryophyta: Funariaceae) based on targeted sequencing of nuclear exons and their flanking regions rejects the retention of Physcomitrella, Physcomitridium and Aphanorrhegma. Journal of Systematics and Evolution, 2019, 57, 404-417. | 3.1 | 74 |
| 25 | Multiple historical processes obscure phylogenetic relationships in a taxonomically difficult group (Lobariaceae, Ascomycota). Scientific Reports, 2019, 9, 8968. | 3.3 | 32 |
| 26 | On the priority of Orthotrichum cylindrocarpum over O. coulteri and Lesquereux's early vindication of an autonomous American bryology. Taxon, 2019, 68, 137-141. | 0.7 | 2 |
| 27 | Resolution of the ordinal phylogeny of mosses using targeted exons from organellar and nuclear genomes. Nature Communications, 2019, 10, 1485. | 12.8 | 144 |
| 28 | Mitochondrial genomes of the early land plant lineage liverworts (Marchantiophyta): conserved genome structure, and ongoing low frequency recombination. BMC Genomics, 2019, 20, 953. | 2.8 | 21 |
| 29 | The mitochondrial genomes of Bazzania tridens and Riccardia planiflora further confirm conservative evolution of mitogenomes in liverworts. Bryologist, 2019, 122, 130. | 0.6 | 4 |
| 30 | Oligocene origin and drivers of diversification in the genus Sticta (Lobariaceae, Ascomycota). Molecular Phylogenetics and Evolution, 2018, 126, 58-73. | 2.7 | 19 |
| 31 | High diversity, high insular endemism and recent origin in the lichen genus Sticta (lichenized) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T<br>2018, 122, 15-28. | 2.7 | 29 |
| 32 | Complete mitochondrial genome sequence of Anthoceros angustus: conservative evolution of the mitogenomes in hornworts. Bryologist, 2018, 121, 14. | 0.6 | 13 |
| 33 | Evolutionary dynamism in bryophytes: Phylogenomic inferences confirm rapid radiation in the moss family Funariaceae. Molecular Phylogenetics and Evolution, 2018, 120, 240-247. | 2.7 | 33 |
| 34 | Species delimitation at a global scale reveals high species richness with complex biogeography and patterns of symbiont association in Peltigera section Peltigera (lichenized Ascomycota:) Tj ETQq0 0 0 rgBT /Overlock 10 T | 4.0 | |
| 35 | Cultivando un jardÃn de nombres en los bosques en miniatura del cabo de hornos: ExtensiÃ³n de la conservaciÃ³n biocultural y la Ã©tica a seres vivos poco percibidos. Magallania, 2018, 46, 103-123. | 0.1 | 3 |
| 36 | Evolutionary origin of the latitudinal diversity gradient in liverworts. Molecular Phylogenetics and Evolution, 2018, 127, 606-612. | 2.7 | 7 |

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|---|---|---|---|
| 37 | Future directions and priorities for Arctic bryophyte research. Arctic Science, 2017, 3, 475-497. | 2.3 | 20 |
| 38 | Evidence for a latitudinal diversity gradient in liverworts and hornworts. Journal of Biogeography, 2017, 44, 487-488. | 3.0 | 24 |
| 39 | Conserved genomic collinearity as a source of broadly applicable, fast evolving, markers to resolve species complexes: A case study using the lichen-forming genus Peltigera section Polydactylon. Molecular Phylogenetics and Evolution, 2017, 117, 10-29. | 2.7 | 30 |
| 40 | Pseudocyphellaria crocata (Ascomycota: Lobariaceae) in the Americas is revealed to be thirteen species, and none of them is P. crocata. Bryologist, 2017, 120, 441. | 0.6 | 22 |
| 41 | Resolving the northern hemisphere source region for the longâ€distance dispersal event that gave rise to the South American endemic dung moss Tetraplodon fuegianus. American Journal of Botany, 2017, 104, 1651-1659. | 1.7 | 17 |
| 42 | Circumscription and phylogeny of the Lepidostromatales (Lichenized Basidiomycota) following discovery of new species from China and Africa. Mycologia, 2017, 109, 730-748. | 1.9 | 10 |
| 43 | Comparative Cuticle Development Reveals Taller Sporophytes Are Covered by Thicker Calyptra Cuticles in Mosses. Frontiers in Plant Science, 2016, 7, 832. | 3.6 | 22 |
| 44 | Increased diversification rates follow shifts to bisexuality in liverworts. New Phytologist, 2016, 210, 1121-1129. | 7.3 | 34 |
| 45 | <I>Sticta deyana</I>: A New Endemic Photomorphic Lichen from the Imperiled Mid-Atlantic Coastal Plain of Eastern North America. Systematic Botany, 2016, 40, 933-941. | 0.5 | 9 |
| 46 | The complete mitochondrial genome of the moss Oxystegus tenuirostris (Hook. & Taylor) A.J.E. Sm. (Pottiaceae, Bryophyta). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3808-3809. | 0.7 | 3 |
| 47 | HybPiper: Extracting coding sequence and introns for phylogenetics from highâ€throughput sequencing reads using target enrichment. Applications in Plant Sciences, 2016, 4, 1600016. | 2.1 | 506 |
| 48 | Comparing three complete mitochondrial genomes of the moss genus Orthotrichum Hedw.. Mitochondrial DNA Part B: Resources, 2016, 1, 168-170. | 0.4 | 8 |
| 49 | Geographical range in liverworts: does sex really matter?. Journal of Biogeography, 2016, 43, 627-635. | 3.0 | 52 |
| 50 | Organellar phylogenomics of an emerging model system:Sphagnum(peatmoss). Annals of Botany, 2016, 118, 185-196. | 2.9 | 51 |
| 51 | A phylotranscriptomic analysis of gene family expansion and evolution in the largest order of pleurocarpous mosses (Hypnales, Bryophyta). Molecular Phylogenetics and Evolution, 2016, 98, 29-40. | 2.7 | 29 |
| 52 | Is the sword moss (Bryoxiphium) a preglacial Tertiary relict?. Molecular Phylogenetics and Evolution, 2016, 96, 200-206. | 2.7 | 24 |
| 53 | Infraspecific variation within and across complete organellar genomes and nuclear ribosomal repeats in a moss. Molecular Phylogenetics and Evolution, 2016, 96, 195-199. | 2.7 | 13 |
| 54 | Phylogenetic study of the genus Aptychella (Pylaisiadelphaceae, Musci). Bryologist, 2015, 118, 273. | 0.6 | 8 |

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|---|---|---|---|
| 55 | Archidium oblongifolium(Archidiaceae, subg.Archidiella), a New Species from Brazil. Cryptogamie, Bryologie, 2015, 36, 211-215. | 0.2 | 2 |
| 56 | DNA based revised geographic circumscription of species of Physcomitrella s.l. (Funariaceae): P. patens new to East Asia and P. magdalenae new to East Africa. Bryologist, 2015, 118, 22. | 0.6 | 10 |
| 57 | Taxonomic study of the genus Anzia (Lecanorales, lichenized Ascomycota) from Hengduan Mountains, China. Lichenologist, 2015, 47, 99-115. | 0.8 | 8 |
| 58 | Afoninia, a new moss genus of Funariaceae from Transbaikalia (East Siberia, Russia). Arctoa, 2015, 24, 14-20. | 0.2 | 6 |
| 59 | Larrainia, a new genus of Amblystegiaceae from the Cape Horn region of Chile. Arctoa, 2015, 24, 27-31. | 0.2 | 1 |
| 60 | Direct longâ€distance dispersal shapes a New World amphitropical disjunction in the dispersalâ€limited dung moss Tetraplodon (Bryopsida: Splachnaceae). Journal of Biogeography, 2014, 41, 2385-2395. | 3.0 | 75 |
| 61 | Mitochondrial Phylogenomics of Early Land Plants: Mitigating the Effects of Saturation, Compositional Heterogeneity, and Codon-Usage Bias. Systematic Biology, 2014, 63, 862-878. | 5.6 | 108 |
| 62 | Lichen-symbiotic cyanobacteria associated withPeltigerahave an alternative vanadium-dependent nitrogen fixation system. European Journal of Phycology, 2014, 49, 11-19. | 2.0 | 50 |
| 63 | 350 My of Mitochondrial Genome Stasis in Mosses, an Early Land Plant Lineage. Molecular Biology and Evolution, 2014, 31, 2586-2591. | 8.9 | 89 |
| 64 | First evidence of bryophyte diaspores in the plumage of transequatorial migrant birds. PeerJ, 2014, 2, e424. | 2.0 | 94 |
| 65 | The plastid genome of the hornwort Nothoceros aenigmaticus (Dendrocerotaceae): Phylogenetic signal in inverted repeat expansion, pseudogenization, and intron gain. American Journal of Botany, 2013, 100, 467-477. | 1.7 | 19 |
| 66 | Organellar genome, nuclear ribosomal DNA repeat unit, and microsatellites isolated from a small-scale of 454 GS FLX sequencing on two mosses. Molecular Phylogenetics and Evolution, 2013, 66, 1089-1094. | 2.7 | 23 |
| 67 | Dehydration protection provided by a maternal cuticle improves offspring fitness in the moss Funaria hygrometrica. Annals of Botany, 2013, 111, 781-789. | 2.9 | 26 |
| 68 | Unnoticed diversity within the disjunct moss Orthotrichum tenellum s.l. validated by morphological and molecular approaches. Taxon, 2013, 62, 1133-1152. | 0.7 | 58 |
| 69 | Disentangling knots of rapid evolution: origin and diversification of the moss order Hypnales. Journal of Bryology, 2012, 34, 187-211. | 1.2 | 60 |
| 70 | Chloroplast, mitochondrial, and nuclear microsatellites from the southern Appalachian hornwort, Nothoceros aenigmaticus (Dendrocerotaceae). American Journal of Botany, 2012, 99, e88-e90. | 1.7 | 8 |
| 71 | Phylogenetic inference rejects sporophyte based classification of the Funariaceae (Bryophyta): Rapid radiation suggests rampant homoplasy in sporophyte evolution. Molecular Phylogenetics and Evolution, 2012, 62, 130-145. | 2.7 | 57 |
| 72 | Further photomorphs in the lichen family Lobariaceae from Reunion (Mascarene archipelago) with notes on the phylogeny of Dendriscocaulon cyanomorphs. Bryologist, 2012, 115, 243-254. | 0.6 | 31 |

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|---|---|---|---|
| 73 | Integrative taxonomy successfully resolves the pseudoâ€cryptic complex of the disjunct epiphytic moss Orthotrichum consimile s.l. (Orthotrichaceae). Taxon, 2012, 61, 1180-1198. | 0.7 | 75 |
| 74 | Micromitriaceae: A new family of highly reduced mosses. Taxon, 2011, 60, 1245-1254. | 0.7 | 19 |
| 75 | Physcomitridium readeri is the correct name for Ephemerella readeri. Bryologist, 2011, 114, 545-546. | 0.6 | 5 |
| 76 | Recent origin, active speciation and dispersal for the lichen genus Nephroma (Peltigerales) in Macaronesia. Journal of Biogeography, 2011, 38, 1138-1151. | 3.0 | 44 |
| 77 | Deep sequencing of Ptilidium (Ptilidiaceae) suggests evolutionary stasis in liverwort plastid genome structure. Plant Ecology and Evolution, 2011, 144, 29-43. | 0.7 | 37 |
| 78 | Frequent pseudogenization and loss of the plastidâ€encoded sulfateâ€transport genecysA throughout the evolution of liverworts. American Journal of Botany, 2011, 98, 1263-1275. | 1.7 | 17 |
| 79 | Indopottia irieandoana sp. nov. (Pottiaceae) from Doi Inthanon, northern Thailand. Journal of Bryology, 2011, 33, 122-129. | 1.2 | 5 |
| 80 | Phylogenetic generic classification of parmelioid lichens (Parmeliaceae, Ascomycota) based on molecular, morphological and chemical evidence. Taxon, 2010, 59, 1735-1753. | 0.7 | 178 |
| 81 | Microsatellite primers in the Peltigera dolichorhiza complex (lichenized ascomycete,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 1.7 | 24 |
| 82 | The ecology and evolution of fly dispersed dung mosses (Family Splachnaceae): Manipulating insect behaviour through odour and visual cues. Symbiosis, 2009, 47, 61-76. | 2.3 | 47 |
| 83 | Addenda to the classification of mosses. I. Andreaeophytina stat. nov. and Andreaeobryophytina stat. nov. Bryologist, 2009, 112, 856-857. | 0.6 | 5 |
| 84 | Distribution and Evolution of Pseudogenes, Gene Losses, and a Gene Rearrangement in the Plastid Genome of the Nonphotosynthetic Liverwort, Aneura mirabilis (Metzgeriales, Jungermanniopsida). Journal of Molecular Evolution, 2008, 67, 111-122. | 1.8 | 23 |
| 85 | Origin and relationships of the myco-heterotrophic liverwort Cryptothallus mirabilis Malmb. (Metzgeriales, Marchantiophyta). Botanical Journal of the Linnean Society, 2008, 156, 1-12. | 1.6 | 42 |
| 86 | The barriers to oceanic island radiation in bryophytes: insights from the phylogeography of the moss Grimmia montana. Journal of Biogeography, 2008, 35, 654-663. | 3.0 | 73 |
| 87 | Changing lenses to assess biodiversity: patterns of species richness in sub-Antarctic plants and implications for global conservation. Frontiers in Ecology and the Environment, 2008, 6, 131-137. | 4.0 | 88 |
| 88 | Functional Gene Losses Occur with Minimal Size Reduction in the Plastid Genome of the Parasitic Liverwort Aneura mirabilis. Molecular Biology and Evolution, 2008, 25, 393-401. | 8.9 | 108 |
| 89 | A reconsideration of the systematic position of Goniomitrium (Funariaceae) based on chloroplast sequence markers. Bryologist, 2007, 110, 108-114. | 0.6 | 13 |
| 90 | Phylogenetic Analyses of Timmiaceae (Bryophyta: Musci) Based on Nuclear and Chloroplast Sequence Data. Systematic Botany, 2006, 31, 633-641. | 0.5 | 16 |

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|---|---|---|---|
| 91 | Distribution and Phylogenetic Significance of the 71-kb Inversion in the Plastid Genome in Funariidae (Bryophyta). Annals of Botany, 2006, 99, 747-753. | 2.9 | 39 |
| 92 | Phylogenetic position of a Pacific Northwest North American endemic cyanolichen, Nephroma occultum (Ascomycota, Peltigerales). Lichenologist, 2006, 38, 441-456. | 0.8 | 12 |
| 93 | Global patterns of moss diversity: taxonomic and molecular inferences. Taxon, 2005, 54, 337-352. | 0.7 | 80 |
| 94 | Phylogenetic significance of the rpoA loss in the chloroplast genome of mosses. Taxon, 2005, 54, 353-360. | 0.7 | 38 |
| 95 | A molecular and morphological recircumscription of Brachytheciastrum (Brachytheciaceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 0.7 | 21 |
| 96 | Phylogenetic inferences in the dungâ€moss family Splachnaceae from analyses of cpDNA sequence data and implications for the evolution of entomophily. American Journal of Botany, 2004, 91, 748-759. | 1.7 | 24 |
| 97 | Orthotrichum kellmanii (Bryopsida, Orthotrichaceae), A Remarkable New Species from the Central Coast of California. Bryologist, 2004, 107, 209-214. | 0.6 | 10 |
| 98 | Phylogenetic Relationships among the Mosses Based on Heterogeneous Bayesian Analysis of Multiple Genes from Multiple Genomic Compartments. Systematic Botany, 2004, 29, 234-250. | 0.5 | 107 |
| 99 | Ordinal relationships of pleurocarpous mosses, with special emphasis on the Hookeriales. Systematics and Biodiversity, 2004, 2, 121-145. | 1.2 | 43 |
| 100 | Orthotrichum sprucei Mont. (Musci), a European endemic discovered in Kazakhstan. Arctoa, 2002, 11, 27-30. | 0.2 | 10 |
| 101 | The Bryophyta (Mosses): Systematic and Evolutionary Inferences from an rps4 Gene (cpDNA) Phylogeny. Annals of Botany, 2001, 87, 191-208. | 2.9 | 84 |
| 102 | Bibliography of 'molecular systematic' studies of bryophytes. I. 1985â€“2000. Cryptogamie, Bryologie, 2001, 22, 149-155. | 0.2 | 3 |
| 103 | Testing Morphological Concepts of Orders of Pleurocarpous Mosses (Bryophyta) Using Phylogenetic Reconstructions Based on TRNL-TRNF and RPS4 Sequences. Molecular Phylogenetics and Evolution, 2000, 16, 180-198. | 2.7 | 108 |
| 104 | Origin and phylogenetic relationships of bryophytes. , 2000, , 124-149. | | 29 |
| 105 | Phylogenetic Relationships Among Basal-most Arthrodontous Mosses with Special Emphasis on the Evolutionary Significance of the Funariineae. Bryologist, 2000, 103, 212-223. | 0.6 | 43 |
| 106 | Phylogenetic Relationships Among the Diplolepideous-alternate Mosses (Bryidae) Inferred from Nuclear and Chloroplast DNA Sequences. Bryologist, 2000, 103, 224-241. | 0.6 | 87 |
| 107 | Evolution of the Major Moss Lineages: Phylogenetic Analyses Based on Multiple Gene Sequences and Morphology. Bryologist, 2000, 103, 187-211. | 0.6 | 119 |
| 108 | Peristome Development in Mosses in Relation to Systematics and Evolution. V. Diplolepideae: Orthotrichaceae. Bryologist, 1999, 102, 581. | 0.6 | 20 |

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|---|---|---|---|
| 109 | Circumscription and phylogeny of the Orthotrichales (Bryopsida) inferred from RBCL sequence analyses. American Journal of Botany, 1998, 85, 1324-1337. | 1.7 | 70 |
| 110 | Characterization of Mycobionts of Photomorph Pairs in the Peltigerineae (Lichenized Ascomycetes) Based on Internal Transcribed Spacer Sequences of the Nuclear Ribosomal DNA. Fungal Genetics and Biology, 1997, 21, 228-237. | 2.1 | 64 |
| 111 | Morphology, anatomy, and classification of the Bryophyta. , 0, , 55-138. | | 53 |
| 112 | Conservation biology. , 0, , 232-255. | | 3 |
| 113 | Draft genome of the aquatic moss Fontinalis antipyretica (Fontinalaceae, Bryophyta). GigaByte, 0, 2020, 1-9. | 0.0 | 12 |