

Cymon John Cox

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

8,359
citations

37
h-index

91
g-index

91
ext. papers

10,317
ext. citations

5.3
avg, IF

5.73
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 85 | Biochemical and molecular responses of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) to short-term exposure to three commonly prescribed drugs. <i>Marine Environmental Research</i> , 2021 , 168, 105309 | 3.3 | 5 |
| 84 | Inferring the Deep Past from Molecular Data. <i>Genome Biology and Evolution</i> , 2021 , 13, | 3.9 | 6 |
| 83 | The Chloroplast Land Plant Phylogeny: Analyses Employing Better-Fitting Tree- and Site-Heterogeneous Composition Models. <i>Frontiers in Plant Science</i> , 2020 , 11, 1062 | 6.2 | 8 |
| 82 | Uncovering the shell game with barcodes: diversity of meiofaunal Caecidae snails (Truncatelloidea, Caenogastropoda) from Central America. <i>ZooKeys</i> , 2020 , 968, 1-42 | 1.2 | 1 |
| 81 | The mitochondrial phylogeny of land plants shows support for Setaphyta under composition-heterogeneous substitution models. <i>PeerJ</i> , 2020 , 8, e8995 | 3.1 | 10 |
| 80 | Phylogenomics provides robust support for a two-domains tree of life. <i>Nature Ecology and Evolution</i> , 2020 , 4, 138-147 | 12.3 | 97 |
| 79 | Prokaryotic diversity in stream sediments affected by acid mine drainage. <i>Extremophiles</i> , 2020 , 24, 809-839 | 3.9 | 6 |
| 78 | A haplotype-resolved draft genome of the European sardine (<i>Sardina pilchardus</i>). <i>GigaScience</i> , 2019 , 8, | 7.6 | 9 |
| 77 | Improved phylogeny of brown algae <i>Cystoseira</i> (Fucales) from the Atlantic-Mediterranean region based on mitochondrial sequences. <i>PLoS ONE</i> , 2019 , 14, e0210143 | 3.7 | 13 |
| 76 | Resolution of the ordinal phylogeny of mosses using targeted exons from organellar and nuclear genomes. <i>Nature Communications</i> , 2019 , 10, 1485 | 17.4 | 80 |
| 75 | A meta-taxonomic investigation of the prokaryotic diversity of water bodies impacted by acid mine drainage from the Sã Domingos mine in southern Portugal. <i>Extremophiles</i> , 2019 , 23, 821-834 | 3 | 5 |
| 74 | Genomic blueprints of sponge-prokaryote symbiosis are shared by low abundant and cultivatable Alphaproteobacteria. <i>Scientific Reports</i> , 2019 , 9, 1999 | 4.9 | 29 |
| 73 | Nuclear protein phylogenies support the monophyly of the three bryophyte groups (Bryophyta Schimp.). <i>New Phytologist</i> , 2019 , 222, 565-575 | 9.8 | 58 |
| 72 | Circulating small non-coding RNAs provide new insights into vitamin K nutrition and reproductive physiology in teleost fish. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019 , 1863, 39-51 | 4 | 12 |
| 71 | The Interrelationships of Land Plants and the Nature of the Ancestral Embryophyte. <i>Current Biology</i> , 2018 , 28, 733-745.e2 | 6.3 | 214 |
| 70 | Identification of a fish short-chain dehydrogenase/reductase associated with bone metabolism. <i>Gene</i> , 2018 , 645, 137-145 | 3.8 | 1 |
| 69 | Optimal data partitioning, multispecies coalescent and Bayesian concordance analyses resolve early divergences of the grape family (Vitaceae). <i>Cladistics</i> , 2018 , 34, 57-77 | 3.5 | 20 |

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| 68 | Land Plant Molecular Phylogenetics: A Review with Comments on Evaluating Incongruence Among Phylogenies. <i>Critical Reviews in Plant Sciences</i> , 2018 , 37, 113-127 | 5.6 | 21 |
| 67 | Molecular Taxonomic Profiling of Bacterial Communities in a Gilthead Seabream () Hatchery. <i>Frontiers in Microbiology</i> , 2017 , 8, 204 | 5.7 | 29 |
| 66 | Absence of N-terminal acetyltransferase diversification during evolution of eukaryotic organisms. <i>Scientific Reports</i> , 2016 , 6, 21304 | 4.9 | 34 |
| 65 | Multilocus genetic analyses provide insight into speciation and hybridization in aquatic grasses, genus <i>Ruppia</i> . <i>Biological Journal of the Linnean Society</i> , 2016 , 117, 177-191 | 1.9 | 11 |
| 64 | Geographical range in liverworts: does sex really matter?. <i>Journal of Biogeography</i> , 2016 , 43, 627-635 | 4.1 | 35 |
| 63 | Organellar phylogenomics of an emerging model system: Sphagnum (peatmoss). <i>Annals of Botany</i> , 2016 , 118, 185-96 | 4.1 | 42 |
| 62 | Comparative analysis of zebrafish bone morphogenetic proteins 2, 4 and 16: molecular and evolutionary perspectives. <i>Cellular and Molecular Life Sciences</i> , 2016 , 73, 841-57 | 10.3 | 23 |
| 61 | Increased diversification rates follow shifts to bisexuality in liverworts. <i>New Phytologist</i> , 2016 , 210, 1121-98 | 9.8 | 17 |
| 60 | Multiple domestications of Asian rice. <i>Nature Plants</i> , 2016 , 2, 16037 | 11.5 | 5 |
| 59 | Metatranscriptomes reveal functional variation in diatom communities from the Antarctic Peninsula. <i>ISME Journal</i> , 2015 , 9, 2275-89 | 11.9 | 36 |
| 58 | A transcriptome resource for the copepod <i>Calanus glacialis</i> across a range of culture temperatures. <i>Marine Genomics</i> , 2015 , 23, 27-9 | 1.9 | 9 |
| 57 | Three geographically separate domestications of Asian rice. <i>Nature Plants</i> , 2015 , 1, 15164 | 11.5 | 138 |
| 56 | Extant diversity of bryophytes emerged from successive post-Mesozoic diversification bursts. <i>Nature Communications</i> , 2014 , 5, 5134 | 17.4 | 112 |
| 55 | Mitochondrial phylogenomics of early land plants: mitigating the effects of saturation, compositional heterogeneity, and codon-usage bias. <i>Systematic Biology</i> , 2014 , 63, 862-78 | 8.4 | 84 |
| 54 | Conflicting phylogenies for early land plants are caused by composition biases among synonymous substitutions. <i>Systematic Biology</i> , 2014 , 63, 272-9 | 8.4 | 135 |
| 53 | Compositional biases among synonymous substitutions cause conflict between gene and protein trees for plastid origins. <i>Molecular Biology and Evolution</i> , 2014 , 31, 1697-709 | 8.3 | 37 |
| 52 | Effects of sample handling and cultivation bias on the specificity of bacterial communities in keratose marine sponges. <i>Frontiers in Microbiology</i> , 2014 , 5, 611 | 5.7 | 27 |
| 51 | Analyses of charophyte chloroplast genomes help characterize the ancestral chloroplast genome of land plants. <i>Genome Biology and Evolution</i> , 2014 , 6, 897-911 | 3.9 | 52 |

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| 50 | Evolutionary conservation of TFIIF subunits: implications for the use of zebrafish as a model to study TFIIF function and regulation. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 172-173, 9-20 | 2.3 | 2 |
| 49 | An archaeal origin of eukaryotes supports only two primary domains of life. <i>Nature</i> , 2013 , 504, 231-6 | 50.4 | 353 |
| 48 | A 20-state empirical amino-acid substitution model for green plant chloroplasts. <i>Molecular Phylogenetics and Evolution</i> , 2013 , 68, 218-20 | 4.1 | 16 |
| 47 | Diversity of the candidate phylum Poribacteria in the marine sponge <i>Aplysina fulva</i> . <i>Brazilian Journal of Microbiology</i> , 2013 , 44, 329-34 | 2.2 | 6 |
| 46 | Phylogenetically and spatially close marine sponges harbour divergent bacterial communities. <i>PLoS ONE</i> , 2012 , 7, e53029 | 3.7 | 39 |
| 45 | Disentangling knots of rapid evolution: origin and diversification of the moss order Hypnales. <i>Journal of Bryology</i> , 2012 , 34, 187-211 | 1.1 | 53 |
| 44 | A congruent phylogenomic signal places eukaryotes within the Archaea. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 4870-9 | 4.4 | 116 |
| 43 | Deep sequencing of <i>Ptilidium</i> (Ptilidiaceae) suggests evolutionary stasis in liverwort plastid genome structure. <i>Plant Ecology and Evolution</i> , 2011 , 144, 29-43 | 1.6 | 30 |
| 42 | Peatmoss (<i>Sphagnum</i>) diversification associated with Miocene Northern Hemisphere climatic cooling?. <i>Molecular Phylogenetics and Evolution</i> , 2010 , 55, 1139-45 | 4.1 | 65 |
| 41 | Comparative promoter analysis and its application to the identification of candidate regulatory factors of cartilage-expressed genes. <i>Journal of Applied Ichthyology</i> , 2010 , 26, 245-250 | 0.9 | 3 |
| 40 | Newly resolved relationships in an early land plant lineage: Bryophyta class Sphagnopsida (peat mosses). <i>American Journal of Botany</i> , 2010 , 97, 1511-31 | 2.7 | 45 |
| 39 | Moss diversity: A molecular phylogenetic analysis of genera. <i>Phytotaxa</i> , 2010 , 9, 175 | 0.7 | 141 |
| 38 | The primary divisions of life: a phylogenomic approach employing composition-heterogeneous methods. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 2197-207 | 5.8 | 95 |
| 37 | First molecular estimate of cyclostome bryozoan phylogeny confirms extensive homoplasy among skeletal characters used in traditional taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2009 , 52, 241-54 ¹ | 4.1 | 37 |
| 36 | Biopython: freely available Python tools for computational molecular biology and bioinformatics. <i>Bioinformatics</i> , 2009 , 25, 1422-3 | 7.2 | 2308 |
| 35 | The archaeobacterial origin of eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20356-61 | 11.5 | 269 |
| 34 | Phylogeny, Character Evolution, and Biogeography of the Gondwanic Moss Family Hypopterygiaceae (Bryophyta). <i>Systematic Botany</i> , 2008 , 33, 21-30 | 0.7 | 14 |
| 33 | Distribution and phylogenetic significance of the 71-kb inversion in the plastid genome in Funariidae (Bryophyta). <i>Annals of Botany</i> , 2007 , 99, 747-53 | 4.1 | 32 |

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|----|---|------|------|
| 32 | WASABI: an automated sequence processing system for multigene phylogenies. <i>Systematic Biology</i> , 2007 , 56, 523-31 | 8.4 | 19 |
| 31 | Reconstructing the early evolution of Fungi using a six-gene phylogeny. <i>Nature</i> , 2006 , 443, 818-22 | 50.4 | 1392 |
| 30 | Global patterns of moss diversity: taxonomic and molecular inferences. <i>Taxon</i> , 2005 , 54, 337-352 | 0.8 | 62 |
| 29 | Phylogenetic significance of the rpoA loss in the chloroplast genome of mosses. <i>Taxon</i> , 2005 , 54, 353-360.8 | 36 | |
| 28 | Phylogeny, Species Delimitation, and Recombination in Sphagnum Section Acutifolia. <i>Systematic Botany</i> , 2005 , 30, 16-33 | 0.7 | 38 |
| 27 | Variation in "biodiversity value" of peatmoss species in Sphagnum section Acutifolia (Sphagnaceae). <i>American Journal of Botany</i> , 2005 , 92, 1774-83 | 2.7 | 10 |
| 26 | Divergent and Reticulate Evolution in Closely Related Species of Sphagnum Section Subsecunda. <i>Bryologist</i> , 2005 , 108, 363-376 | 0.7 | 18 |
| 25 | Phylogenetic inferences in the dung-moss family Splachnaceae from analyses of cpDNA sequence data and implications for the evolution of entomophily. <i>American Journal of Botany</i> , 2004 , 91, 748-59 | 2.7 | 19 |
| 24 | Phylogenetic Relationships among the Mosses Based on Heterogeneous Bayesian Analysis of Multiple Genes from Multiple Genomic Compartments. <i>Systematic Botany</i> , 2004 , 29, 234-250 | 0.7 | 75 |
| 23 | Phylogeny and evolution of medical species of <i>Candida</i> and related taxa: a multigenic analysis. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 5624-35 | 9.7 | 94 |
| 22 | Phylogenetic Relationships of Haplolepideous Mosses (Dicranidae) Inferred from rps4 Gene Sequences. <i>Systematic Botany</i> , 2004 , 29, 29-41 | 0.7 | 33 |
| 21 | Phylogenetic Relationships Among Sphagnum Sections: Hemitheca, Isocladus, and Subsecunda. <i>Bryologist</i> , 2004 , 107, 189-196 | 0.7 | 15 |
| 20 | Evolution of multiple paralogous adenosine kinase genes in the moss genus <i>Hygroamblystegium</i> : phylogenetic implications. <i>Molecular Phylogenetics and Evolution</i> , 2004 , 31, 505-16 | 4.1 | 18 |
| 19 | Ordinal relationships of pleurocarpous mosses, with special emphasis on the Hookeriales. <i>Systematics and Biodiversity</i> , 2004 , 2, 121-145 | 1.7 | 32 |
| 18 | Chloroplast Phylogeny of Asplenioid Ferns based on rbcL and trnL-F Spacer Sequences (Polypodiidae, Aspleniaceae) and its Implications for Biogeography. <i>Systematic Botany</i> , 2004 , 29, 260-274 | 0.7 | 92 |
| 17 | Assembling the fungal tree of life: progress, classification, and evolution of subcellular traits. <i>American Journal of Botany</i> , 2004 , 91, 1446-80 | 2.7 | 640 |
| 16 | Polarity of peatmoss (<i>Sphagnum</i>) evolution: who says bryophytes have no roots?. <i>American Journal of Botany</i> , 2003 , 90, 1777-87 | 2.7 | 85 |
| 15 | Phylogenetic relationships within the moss family Bryaceae based on chloroplast DNA evidence.. <i>Journal of Bryology</i> , 2003 , 25, 31-40 | 1.1 | 35 |

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| 14 | A taxonomic reassessment of the Vittiaceae (Hypnales, Bryopsida): evidence from phylogenetic analyses of combined chloroplast and nuclear sequence data. <i>Plant Systematics and Evolution</i> , 2003 , 241, 1-12 | 1.3 | 26 |
| 13 | Global patterns in peatmoss biodiversity. <i>Molecular Ecology</i> , 2003 , 12, 2553-70 | 5.7 | 34 |
| 12 | Phylogeny and morphological evolution of the amblystegiaceae (Bryopsida). <i>Molecular Phylogenetics and Evolution</i> , 2002 , 23, 1-21 | 4.1 | 80 |
| 11 | A new species of Leskeodon (Daltoniaceae) from Ecuador. <i>Brittonia</i> , 2002 , 54, 178-180 | 0.5 | 2 |
| 10 | Circumscription, classification, and (Bryopsida) inferred from nuclear and chloroplast DNA sequence data and morphology taxonomy of Amblystegiaceae. <i>Taxon</i> , 2002 , 51, 115-122 | 0.8 | 49 |
| 9 | Phylogenetic and biosystematic relationships in four highly disjunct polyploid complexes in the subgenera and in (Aspleniaceae). <i>Organisms Diversity and Evolution</i> , 2002 , 2, 299-311 | 1.7 | 31 |
| 8 | The Bryophyta (Mosses): Systematic and Evolutionary Inferences from an rps4 Gene (cpDNA) Phylogeny. <i>Annals of Botany</i> , 2001 , 87, 191-208 | 4.1 | 68 |
| 7 | Phylogenetic Relationships Among Basal-most Arthrodonous Mosses with Special Emphasis on the Evolutionary Significance of the Funariineae. <i>Bryologist</i> , 2000 , 103, 212-223 | 0.7 | 32 |
| 6 | Phylogenetic Relationships Among the Diplolepidous-alternate Mosses (Bryidae) Inferred from Nuclear and Chloroplast DNA Sequences. <i>Bryologist</i> , 2000 , 103, 224-241 | 0.7 | 70 |
| 5 | Evolution of the Major Moss Lineages: Phylogenetic Analyses Based on Multiple Gene Sequences and Morphology. <i>Bryologist</i> , 2000 , 103, 187-211 | 0.7 | 94 |
| 4 | Phylogenetic relationships among the ciliate arthrodonous mosses: Evidence from chloroplast and nuclear DNA sequences. <i>Plant Systematics and Evolution</i> , 1999 , 215, 119-139 | 1.3 | 67 |
| 3 | Genetic structure, reproductive biology and ecology of isolated populations of asplenium csikii (Aspleniaceae, pteridophyta). <i>Heredity</i> , 1999 , 83 (Pt 5), 604-12 | 3.6 | 39 |
| 2 | Phylogenetic Relationships of the Wardiaceae (Musci); Evidence from 18s rRNA and rps4 Gene Sequences. <i>Bryologist</i> , 1999 , 102, 26 | 0.7 | 8 |
| 1 | A haplotype-resolved draft genome of the European sardine (<i>Sardina pilchardus</i>) | | 1 |