

Dirk Erpenbeck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8481518/publications.pdf>

Version: 2024-02-01

84
papers

4,168
citations

147801

31
h-index

123424

61
g-index

90
all docs

90
docs citations

90
times ranked

3897
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Systematics of "lithistid" tetractinellid demosponges from the Tropical Western Atlantic" implications for phylodiversity and bathymetric distribution. PeerJ, 2021, 9, e10775. | 2.0 | 9 |
| 2 | <p>Zootaxa 20 years: Phylum Porifera</p>. Zootaxa, 2021, 4979, 38-56. | 0.5 | 1 |
| 3 | A Soft Spot for Chemistry"Current Taxonomic and Evolutionary Implications of Sponge Secondary Metabolite Distribution. Marine Drugs, 2021, 19, 448. | 4.6 | 17 |
| 4 | Antibacterial scalarane from <i>Doriprismatica stellata</i> nudibranchs (Gastropoda, Nudibranchia), egg ribbons, and their dietary sponge <i>Spongia</i> cf. <i>agaricina</i> (Demospongiae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617 Td | | |
| 5 | Having the balls to colonize " The Ephydatia fluviatilis group and the origin of (ancient) lake "endemic"sponge lineages. Journal of Great Lakes Research, 2020, 46, 1140-1145. | 1.9 | 9 |
| 6 | Soft sponges with tricky tree: On the phylogeny of dictyoceratid sponges. Journal of Zoological Systematics and Evolutionary Research, 2020, 58, 27-40. | 1.4 | 14 |
| 7 | Molecular biodiversity of Iranian shallow water sponges. Systematics and Biodiversity, 2020, 18, 192-202. | 1.2 | 11 |
| 8 | Compositional and Quantitative Insights Into Bacterial and Archaeal Communities of South Pacific Deep-Sea Sponges (Demospongiae and Hexactinellida). Frontiers in Microbiology, 2020, 11, 716. | 3.5 | 41 |
| 9 | Naturally Prefabricated Marine Biomaterials: Isolation and Applications of Flat Chitinous 3D Scaffolds from Ianthella labyrinthus (Demospongiae: Verongiida). International Journal of Molecular Sciences, 2019, 20, 5105. | 4.1 | 40 |
| 10 | Naturally Drug-Loaded Chitin: Isolation and Applications. Marine Drugs, 2019, 17, 574. | 4.6 | 42 |
| 11 | Prokaryotic Diversity and Community Patterns in Antarctic Continental Shelf Sponges. Frontiers in Marine Science, 2019, 6, . | 2.5 | 74 |
| 12 | Sponges of the Red Sea. Coral Reefs of the World, 2019, , 91-122. | 0.7 | 3 |
| 13 | New family and genus for Dendrilla-like sponges with characters of Verongiida. Part I redescription of Dendrilla lacunosa Hentschel 1912, diagnosis of the new family Ernstillidae and Ernstilla n. g.. Zoologischer Anzeiger, 2019, 280, 14-20. | 0.9 | 14 |
| 14 | New family and genus of a Dendrilla-like sponge with characters of Verongiida. Part II. Discovery of chitin in the skeleton of Ernstilla lacunosa. Zoologischer Anzeiger, 2019, 280, 21-29. | 0.9 | 23 |
| 15 | Minimalist barcodes for sponges: a case study classifying African freshwater Spongillida. Genome, 2019, 62, 1-10. | 2.0 | 18 |
| 16 | New species and a molecular dating analysis of Vetulina Schmidt, 1879 (Porifera: Demospongiae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Society, 2018, 184, 585-604. | 2.3 | 8 |
| 17 | Seven new deep-water Tetractinellida (Porifera: Demospongiae) from the Galpagos Islands " morphological descriptions and DNA barcodes. Zoological Journal of the Linnean Society, 2018, 184, 273-303. | 2.3 | 11 |
| 18 | Bearing the wrong identity: A case study of an Indo-Pacific common shallow water sponge of the genus Neopetrosia (Haplosclerida; Petrosiidae). Zootaxa, 2018, 4500, 43. | 0.5 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | A new species of the sponge <i>Raspailia</i> (<i>Raspaxilla</i>) (Porifera: Demospongiae: Axinellida: Raspailiidae) from deep seamounts of the Western Pacific. <i>Zootaxa</i> , 2018, 4410, 379. | 0.5 | 0 |
| 20 | Divergence times in demosponges (Porifera): first insights from new mitogenomes and the inclusion of fossils in a birth-death clock model. <i>BMC Evolutionary Biology</i> , 2018, 18, 114. | 3.2 | 49 |
| 21 | Sponge community of the western Black Sea shallow water caves: diversity and spatial distribution. <i>PeerJ</i> , 2018, 6, e4596. | 2.0 | 5 |
| 22 | Identification of an aquaculture poriferan "Pest with Potential" and its phylogenetic implications. <i>PeerJ</i> , 2018, 6, e5586. | 2.0 | 13 |
| 23 | Evolution of group I introns in Porifera: new evidence for intron mobility and implications for DNA barcoding. <i>BMC Evolutionary Biology</i> , 2017, 17, 82. | 3.2 | 33 |
| 24 | Calcinea of the Red Sea: providing a DNA barcode inventory with description of four new species. <i>Marine Biodiversity</i> , 2017, 47, 1009-1034. | 1.0 | 18 |
| 25 | Ilimaquinone and 5-epi-ilimaquinone: Beyond a Simple Diastereomeric Ratio, Biosynthetic Considerations from NMR-Based Analysis. <i>Australian Journal of Chemistry</i> , 2017, 70, 743. | 0.9 | 7 |
| 26 | Antiprotozoal Linear Furanosesterterpenoids from the Marine Sponge <i>Ircinia oros</i> . <i>Journal of Natural Products</i> , 2017, 80, 2566-2571. | 3.0 | 14 |
| 27 | Diversity of two widespread Indo-Pacific demosponge species revisited. <i>Marine Biodiversity</i> , 2017, 47, 1035-1043. | 1.0 | 13 |
| 28 | The origin and phylogeny of Margaritiferidae (Bivalvia, Unionoida): a synthesis of molecular and fossil data. <i>Zoologica Scripta</i> , 2017, 46, 289-307. | 1.7 | 38 |
| 29 | Staying well connected " Lithistid sponges on seamounts. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 437-451. | 0.8 | 8 |
| 30 | MtDNA diversity of the Indonesian giant barrel sponge <i>Xestospongia testudinaria</i> (Porifera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Biological Association of the United Kingdom, 2016, 96, 323-332. | 0.8 | 15 |
| 31 | The lysidyl aminoacyl transfer RNA synthetase intron, a new marker for demosponge phylogeographics " case study on <i>Neopetrosia</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 333-339. | 0.8 | 0 |
| 32 | Bottomless barrel-sponge species in the Indo-Pacific?. <i>Zootaxa</i> , 2016, 4136, 393-6. | 0.5 | 6 |
| 33 | A new species of lithistid sponge hiding within the <i>Isabella mirabilis</i> species complex (Porifera: Demospongiae: Tetractinellida) from seamounts of the Norfolk Ridge . <i>Zootaxa</i> , 2016, 4136, 433. | 0.5 | 5 |
| 34 | Diversity, structure and convergent evolution of the global sponge microbiome. <i>Nature Communications</i> , 2016, 7, 11870. | 12.8 | 594 |
| 35 | Molecular biodiversity of Red Sea demosponges. <i>Marine Pollution Bulletin</i> , 2016, 105, 507-514. | 5.0 | 41 |
| 36 | Nothing in (sponge) biology makes sense " except when based on holotypes. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 305-311. | 0.8 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Systematic relationships of five newly sequenced cervid species. PeerJ, 2016, 4, e2307. | 2.0 | 42 |
| 38 | Endemic Lake Baikal sponges from deep water. 1: Potential cryptic speciation and discovery of living species known only from fossils. Zootaxa, 2015, 3990, 123-37. | 0.5 | 18 |
| 39 | Deceptive Desmas: Molecular Phylogenetics Suggests a New Classification and Uncovers Convergent Evolution of Lithistid Demosponges. PLoS ONE, 2015, 10, e116038. | 2.5 | 45 |
| 40 | First record of a living species of the genus Janulum (Class Demospongiae) in the Southern Hemisphere. Zootaxa, 2015, 3980, 255-66. | 0.5 | 2 |
| 41 | A Mitochondrial Intron in a Verongid Sponge. Journal of Molecular Evolution, 2015, 80, 13-17. | 1.8 | 10 |
| 42 | Phylogenetic analysis of <i>Aphanius</i> from the endorheic Kor River Basin in the Zagros Mountains, South-western Iran (Teleostei: Cyprinodontiformes: Cyprinodontidae). Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 130-141. | 1.4 | 35 |
| 43 | The HMA-LMA Dichotomy Revisited: an Electron Microscopical Survey of 56 Sponge Species. Biological Bulletin, 2014, 227, 78-88. | 1.8 | 188 |
| 44 | A morphometric and genetic framework for the genus Gazellade Blainville, 1816 (Ruminantia: Bovidae) with special focus on Arabian and Levantine mountain gazelles. Zoological Journal of the Linnean Society, 2013, 169, 673-696. | 2.3 | 27 |
| 45 | Molecular phylogeny of <i>Abyssocladia</i> (Cladorhizidae: Poecilosclerida) and <i>Phelloderma</i> (Phellodermidae: Poecilosclerida) suggests a diversification of chelae microscleres in cladorhizid sponges. Zoologica Scripta, 2013, 42, 106-116. | 1.7 | 24 |
| 46 | The curious case of Gazella arabica. Mammalian Biology, 2013, 78, 220-225. | 1.5 | 20 |
| 47 | An Extraordinary Gobioid Fish Fossil from Southern France. PLoS ONE, 2013, 8, e64117. | 2.5 | 47 |
| 48 | Lock, Stock and Two Different Barrels: Comparing the Genetic Composition of Morphotypes of the Indo-Pacific Sponge Xestospongia testudinaria. PLoS ONE, 2013, 8, e74396. | 2.5 | 27 |
| 49 | Phylogeography of the Sponge Suberites diversicolor in Indonesia: Insights into the Evolution of Marine Lake Populations. PLoS ONE, 2013, 8, e75996. | 2.5 | 27 |
| 50 | Horny sponges and their affairs: On the phylogenetic relationships of keratose sponges. Molecular Phylogenetics and Evolution, 2012, 63, 809-816. | 2.7 | 65 |
| 51 | New Antiplasmodial Bromotyrosine Derivatives from <i>Suberea ianthelliformis</i> <sc>Lendenfeld</sc>, 1888. Chemistry and Biodiversity, 2012, 9, 1436-1451. | 2.1 | 27 |
| 52 | Barcoding Sponges: An Overview Based on Comprehensive Sampling. PLoS ONE, 2012, 7, e39345. | 2.5 | 58 |
| 53 | Global Diversity of Sponges (Porifera). PLoS ONE, 2012, 7, e35105. | 2.5 | 493 |
| 54 | The phylogeny of halichondrid demosponges: past and present re-visited with DNA-barcoding data. Organisms Diversity and Evolution, 2012, 12, 57-70. | 1.6 | 30 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | First evidence of miniature transposable elements in sponges (Porifera). <i>Hydrobiologia</i> , 2012, 687, 43-47. | 2.0 | 2 |
| 56 | Evolution, radiation and chemotaxonomy of <i>Lamellodysidea</i> , a demosponge genus with anti-plasmodial metabolites. <i>Marine Biology</i> , 2012, 159, 1119-1127. | 1.5 | 15 |
| 57 | Insights into the evolution of freshwater sponges (Porifera: Demospongiae: Spongillina): Barcoding and phylogenetic data from Lake Tanganyika endemics indicate multiple invasions and unsettle existing taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 231-236. | 2.7 | 38 |
| 58 | Two <i>Pione</i> species (Hadromerida, Clionaidae) from the Red Sea: a taxonomical challenge. <i>Organisms Diversity and Evolution</i> , 2010, 10, 275-285. | 1.6 | 11 |
| 59 | Species boundaries and phylogenetic relationships between Atlanto-Mediterranean shallow-water and deep-sea coral associated <i>Hexadella</i> species (Porifera, Ianthellidae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 104-114. | 2.7 | 42 |
| 60 | CO I Barcoding Reveals New Clades and Radiation Patterns of Indo-Pacific Sponges of the Family Irciniidae (Demospongiae: Dictyoceratida). <i>PLoS ONE</i> , 2010, 5, e9950. | 2.5 | 57 |
| 61 | OrthoSelect: a protocol for selecting orthologous groups in phylogenomics. <i>BMC Bioinformatics</i> , 2009, 10, 219. | 2.6 | 23 |
| 62 | The mitochondrial genomes of sponges provide evidence for multiple invasions by Repetitive Hairpin-forming Elements (RHE). <i>BMC Genomics</i> , 2009, 10, 591. | 2.8 | 39 |
| 63 | Phylogenomics Revives Traditional Views on Deep Animal Relationships. <i>Current Biology</i> , 2009, 19, 706-712. | 3.9 | 611 |
| 64 | Molecular evolution of rDNA in early diverging Metazoa: First comparative analysis and phylogenetic application of complete SSU rRNA secondary structures in Porifera. <i>BMC Evolutionary Biology</i> , 2008, 8, 69. | 3.2 | 37 |
| 65 | <i>Vosmaeria Fristedt</i> , 1885 (Porifera, Demospongiae, Halichondriidae): revision of species, phylogenetic reconstruction and evidence for split. <i>Zootaxa</i> , 2008, 1694, 1. | 0.5 | 4 |
| 66 | The sponge genetree server—providing a phylogenetic backbone for poriferan evolutionary studies. <i>Zootaxa</i> , 2008, 1939, 58-60. | 0.5 | 19 |
| 67 | DNA taxonomy of sponges—progress and perspectives. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1629-1633. | 0.8 | 51 |
| 68 | The systematics of <i>Raspailiidae</i> (Demospongiae: Poecilosclerida: Microcionina) re-analysed with a ribosomal marker. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1571-1576. | 0.8 | 22 |
| 69 | Analysis of evolutionary, biogeographical and taxonomic patterns of nucleotide composition in demosponge rRNA. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1607-1614. | 0.8 | 6 |
| 70 | Towards a DNA taxonomy of Caribbean demosponges: a gene tree reconstructed from partial mitochondrial CO1 gene sequences supports previous rDNA phylogenies and provides a new perspective on the systematics of Demospongiae. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1563-1570. | 0.8 | 60 |
| 71 | Affinities of the family <i>Sollasellidae</i> (Porifera, Demospongiae). II. Molecular evidence. <i>Contributions To Zoology</i> , 2007, 76, 95-102. | 0.5 | 15 |
| 72 | Towards an 18S phylogeny of hexapods: Accounting for group-specific character covariance in optimized mixed nucleotide/doublet models. <i>Zoology</i> , 2007, 110, 409-429. | 1.2 | 66 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Phylogenetic Analyses Under Secondary Structure-Specific Substitution Models Outperform Traditional Approaches: Case Studies with Diploblast LSU. <i>Journal of Molecular Evolution</i> , 2007, 64, 543-557. | 1.8 | 35 |
| 74 | Status and Perspective of Sponge Chemosystematics. <i>Marine Biotechnology</i> , 2007, 9, 2-19. | 2.4 | 74 |
| 75 | On the molecular phylogeny of sponges (Porifera). <i>Zootaxa</i> , 2007, 1668, 107-126. | 0.5 | 67 |
| 76 | Amassing diversity in an ancient lake: evolution of a morphologically diverse parthenogenetic gastropod assemblage in Lake Malawi. <i>Molecular Ecology</i> , 2006, 16, 517-530. | 3.9 | 34 |
| 77 | Molecular evidence for recent divergence of Lake Tanganyika endemic crabs (Decapoda: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 | 2.7 | 55 |
| 78 | Non-monophyly of most supraspecific taxa of calcareous sponges (Porifera, Calcarea) revealed by increased taxon sampling and partitioned Bayesian analysis of ribosomal DNA. <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 830-843. | 2.7 | 75 |
| 79 | A Hexapod nuclear SSU rRNA secondary-structure model and catalog of taxon-specific structural variation. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 70-88. | 1.3 | 15 |
| 80 | Identification, characterization and phylogenetic signal of an elongation factor-1 alpha fragment in demosponges (Metazoa, Porifera, Demospongiae). <i>Zoologica Scripta</i> , 2005, 34, 437-445. | 1.7 | 14 |
| 81 | A survey for biochemical synapomorphies to reveal phylogenetic relationships of halichondrid demosponges (Metazoa: Porifera). <i>Biochemical Systematics and Ecology</i> , 2005, 33, 585-616. | 1.3 | 17 |
| 82 | Camouflaged invasion of Lake Malawi by an Oriental gastropod. <i>Molecular Ecology</i> , 2004, 13, 2135-2141. | 3.9 | 51 |
| 83 | Phylogeography and conservation genetics of endangered European Margaritiferidae (Bivalvia: Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.6 | 148 |
| 84 | Discovery of the freshwater sponge genus <i>Corvospongilla</i> Annandale (Porifera: Spongillida) in Australia with the description of a new species and phylogeographic implications. <i>Limnology</i> , 0, , 1. | 1.5 | 1 |