

SMS: Smart Model Selection in PhyML

Molecular Biology and Evolution

34, 2422-2424

DOI: [10.1093/molbev/msx149](https://doi.org/10.1093/molbev/msx149)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Metagenomic-based Surveillance of Pacific Coast tick <i>Dermacentor occidentalis</i> Identifies Two Novel Bunyaviruses and an Emerging Human Rickettsial Pathogen. <i>Scientific Reports</i> , 2017, 7, 12234.	1.6	42
3	Phylogeographic and phylogenetic analysis for <i>Tripterygium</i> species delimitation. <i>Ecology and Evolution</i> , 2017, 7, 8612-8623.	0.8	16
4	Abscisic acid (ABA) and key proteins in its perception and signaling pathways are ancient, but their roles have changed through time. <i>Plant Signaling and Behavior</i> , 2017, 12, e1365210.	1.2	23
5	An endogenous retroviral envelope syncytin and its cognate receptor identified in the viviparous placental <i>Mabuya</i> lizard. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10991-E11000.	3.3	91
6	Genome-Wide Identification, Evolutionary and Expression Analyses of the GALACTINOL SYNTHASE Gene Family in Rapeseed and Tobacco. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2768.	1.8	22
7	Surviving a Dry Future: Abscisic Acid (ABA)-Mediated Plant Mechanisms for Conserving Water under Low Humidity. <i>Plants</i> , 2017, 6, 54.	1.6	28
8	Diversification of defensins and NLRs in <i>Arabidopsis</i> species by different evolutionary mechanisms. <i>BMC Evolutionary Biology</i> , 2017, 17, 255.	3.2	32
9	Pan-Cellulosomics of Mesophilic Clostridia: Variations on a Theme. <i>Microorganisms</i> , 2017, 5, 74.	1.6	17
10	Shedding light on lipid metabolism in Kinetoplastida: A phylogenetic analysis of phospholipase D protein homologs. <i>Gene</i> , 2018, 656, 95-105.	1.0	3
11	Complex taxonomy of the "brush tail" peregrine earthworm <i>Pontoscolex corethrurus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 60-70.	1.2	27
12	Early Archean origin of heterodimeric Photosystem I. <i>Heliyon</i> , 2018, 4, e00548.	1.4	35
13	Diversification of the functions of proglucagon and glucagon receptor genes in fish. <i>General and Comparative Endocrinology</i> , 2018, 261, 148-165.	0.8	21
14	Characterization of three multicopper oxidases in the filamentous fungus <i>Podospora anserina</i> : A new role of an ABR1-like protein in fungal development?. <i>Fungal Genetics and Biology</i> , 2018, 116, 1-13.	0.9	23
15	Current view on phylogeny within the genus <i>Flabellula</i> Schaeffer, 1926 (Amoebozoa: Leptomyxida). <i>European Journal of Protistology</i> , 2018, 64, 40-53.	0.5	1
16	Development of Multiplex Nested PCR for Simultaneous Detection of Ectoparasitic Fungi <i>Laboulbeniopsis termitarius</i> and <i>Antennopsis gallica</i> on <i>Reticulitermes speratus</i> (Blattodea). <i>Tj ETQq0 0 0 rgBT /Overclock 10 7 50 177 T</i>		
17	Interlaboratory Comparison of Six Real-Time PCR Assays for Detection of Bovine Leukemia Virus Proviral DNA. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	19
18	Renewing Felsenstein's phylogenetic bootstrap in the era of big data. <i>Nature</i> , 2018, 556, 452-456.	13.7	513
19	Retained duplications and deletions of CYP2C genes among primates. <i>Molecular Phylogenetics and Evolution</i> , 2018, 125, 204-212.	1.2	3

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20	Essential fatty acid metabolism and requirements of the cleaner fish, ballan wrasse <i>Labrus bergylta</i> : Defining pathways of long-chain polyunsaturated fatty acid biosynthesis. <i>Aquaculture</i> , 2018, 488, 199-206.	1.7	21
21	First insights into Puumala orthohantavirus circulation in a rodent population in Alsace, France. <i>Zoonoses and Public Health</i> , 2018, 65, 540-551.	0.9	7
22	Mapping the virome in wild-caught <i>Aedes aegypti</i> from Cairns and Bangkok. <i>Scientific Reports</i> , 2018, 8, 4690.	1.6	84
23	<i>Agrobacterium bohemicum</i> sp. nov. isolated from poppy seed wastes in central Bohemia. <i>Systematic and Applied Microbiology</i> , 2018, 41, 184-190.	1.2	14
24	RAB GTPases in the Basal Land Plant <i>Marchantia polymorpha</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 850-861.	1.5	26
25	Multi-Omics Driven Assembly and Annotation of the Sandalwood (<i>Santalum album</i>) Genome. <i>Plant Physiology</i> , 2018, 176, 2772-2788.	2.3	45
26	More sex chromosomes than autosomes in the Amazonian frog <i>Leptodactylus pentadactylus</i> . <i>Chromosoma</i> , 2018, 127, 269-278.	1.0	27
27	<i>Sappinia</i> sp. (Amoebozoa: Thecamoebida) and <i>Rosculus</i> sp. (SAR: Cercozoa) Isolated From King Penguin Guano Collected in the Subantarctic (South Georgia, Salisbury Plain) and their Coexistence in Culture. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 544-555.	0.8	4
28	In vitro susceptibility to ST-246 and Cidofovir corroborates the phylogenetic separation of Brazilian Vaccinia virus into two clades. <i>Antiviral Research</i> , 2018, 152, 36-44.	1.9	4
29	<i>De novo</i> assembly and characterization of the <i>Hucho taimen</i> transcriptome. <i>Ecology and Evolution</i> , 2018, 8, 1271-1285.	0.8	8
30	A major lineage of non-tailed dsDNA viruses as unrecognized killers of marine bacteria. <i>Nature</i> , 2018, 554, 118-122.	13.7	160
31	Evolutionary fates of universal stress protein paralogs in Platyhelminthes. <i>BMC Evolutionary Biology</i> , 2018, 18, 10.	3.2	6
32	Classification and phylogenetic analyses of the Arabidopsis and tomato G-type lectin receptor kinases. <i>BMC Genomics</i> , 2018, 19, 239.	1.2	35
33	Interferons type II and their receptors R1 and R2 in fish species: Evolution, structure, and function. <i>Fish and Shellfish Immunology</i> , 2018, 79, 140-152.	1.6	19
34	Persistence of the ABCC6 genes and the emergence of the bony skeleton in vertebrates. <i>Scientific Reports</i> , 2018, 8, 6027.	1.6	7
35	Unmasking a cryptic ethnotaxon: a case study on the identity of <i>Dermonema virens</i> (Nemaliales, Tj ETQq1 1,0.784314 rgBT /Ove 0,1		
36	Out of Water: The Origin and Early Diversification of Plant <i>R</i> -Genes. <i>Plant Physiology</i> , 2018, 177, 82-89.	2.3	117
37	Annotation of the <i>Corymbia</i> terpene synthase gene family shows broad conservation but dynamic evolution of physical clusters relative to <i>Eucalyptus</i> . <i>Heredity</i> , 2018, 121, 87-104.	1.2	17

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38	A New Species of the Simulium (<i>Simulium</i>) <i>argentipes</i> Species-Group (Diptera: Simuliidae) From Taiwan, and Its Phylogenetic Relationships With Four Related Species. <i>Journal of Medical Entomology</i> , 2018, 55, 884-892.	0.9	0
39	Highly Expressed Genes Are Preferentially Co-Opted for C4 Photosynthesis. <i>Molecular Biology and Evolution</i> , 2018, 35, 94-106.	3.5	57
40	Exploring the Substrate Scope of Baeyerâ€“Villiger Monooxygenases with Branched Lactones as Entry towards Polyesters. <i>ChemBioChem</i> , 2018, 19, 354-360.	1.3	12
41	Genetic Diversity of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> in East and Central Africa. <i>Plant Disease</i> , 2018, 102, 552-560.	0.7	25
42	Two types of lysozymes from the whitefly <i>Bemisia tabaci</i> : Molecular characterization and functional diversification. <i>Developmental and Comparative Immunology</i> , 2018, 81, 252-261.	1.0	7
43	DENV-1 Genotype V in Brazil: Spatiotemporal dispersion pattern reveals continuous co-circulation of distinct lineages until 2016. <i>Scientific Reports</i> , 2018, 8, 17160.	1.6	13
44	Genetic and Phenotypic Characterization of <i>Cryphonectria hypovirus 1</i> from Eurasian Georgia. <i>Viruses</i> , 2018, 10, 687.	1.5	16
45	A New Putative Caulimoviridae Genus Discovered through Air Metagenomics. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	4
46	Expression shifts of floral symmetry genes correlate to flower actinomorphy in East Asia endemic <i>Conandron ramondioides</i> (Gesneriaceae)., 2018, 59, 24.		9
47	Plant rhabdovirusesâ€”their origins and vector interactions. <i>Current Opinion in Virology</i> , 2018, 33, 198-207.	2.6	70
48	Vertical transmission of naturally occurring Bunyamwera and insect-specific flavivirus infections in mosquitoes from islands and mainland shores of Lakes Victoria and Baringo in Kenya. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006949.	1.3	30
49	Genome-Wide Identification of Flowering-Time Genes in Brassica Species and Reveals a Correlation between Selective Pressure and Expression Patterns of Vernalization-Pathway Genes in <i>Brassica napus</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 3632.	1.8	20
50	Particle-Attached and Free-Living Archaeal Communities in the Benthic Boundary Layer of the Mariana Trench. <i>Frontiers in Microbiology</i> , 2018, 9, 2821.	1.5	11
51	Exploring the Remote Ties between Helitron Transposases and Other Rolling-Circle Replication Proteins. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3079.	1.8	8
52	<i>Colobopsis explodens</i> sp. n., model species for studies on â€œexploding antsâ€•(Hymenoptera, Formicidae), with biological notes and first illustrations of males of the <i>Colobopsis cylindrica</i> group. <i>ZooKeys</i> , 2018, 751, 1-40.	0.5	18
53	Interplay of a non-conjugative integrative element and a conjugative plasmid in the spread of antibiotic resistance via suicidal plasmid transfer from an aquaculture <i>Vibrio</i> isolate. <i>PLoS ONE</i> , 2018, 13, e0198613.	1.1	10
54	Phylogenetic analysis of <i>Spirocerca lupi</i> and <i>Spirocerca vulpis</i> reveal high genetic diversity and intra-individual variation. <i>Parasites and Vectors</i> , 2018, 11, 639.	1.0	22
55	<i>Hiya distans</i> (Dennstaedtiaceae), a new combination for an Australasian fern previously classified in <i>Hypolepis</i> . <i>New Zealand Journal of Botany</i> , 2018, 56, 406-414.	0.8	2

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56	Glutathione-S-Transferases in the Olfactory Organ of the Noctuid Moth <i>Spodoptera littoralis</i> , Diversity and Conservation of Chemosensory Clades. <i>Frontiers in Physiology</i> , 2018, 9, 1283.	1.3	20
57	Green light to an integrative view of <i>Microcolex phosphoreus</i> (Dug�s, 1837) (Annelida: Clitellata: Tj ETQq1 1 0.784314 rgBT /Overlo	0.2	5
58	<i>Acrostichus palmarum</i> n. sp., a cryptic species separated from <i>A. rhynchophori</i> by molecular sequences and hybridisation tests. <i>Nematology</i> , 2018, 20, 751-768.	0.2	5
59	"RETRACTED ARTICLE: <i>Vibrio parahaemolyticus</i> RhsP represents a widespread group of pro-effectors for type VI secretion systems. <i>Nature Communications</i> , 2018, 9, 3899.	5.8	8
60	Integrative species delimitation and phylogeny of the branchiate worm <i>Branchiodrilus</i> (Clitellata, Naididae). <i>Zoologica Scripta</i> , 2018, 47, 727-742.	0.7	10
61	Activity of native and commercial strains of <i>Metarhizium</i> spp. against the poultry red mite <i>Dermanyssus gallinae</i> under different environmental conditions. <i>Veterinary Parasitology</i> , 2018, 262, 20-25.	0.7	20
62	Exploiting genetic polymorphisms in metabolic enzymes for rapid screening of <i>Leishmania infantum</i> genotypes. <i>Parasites and Vectors</i> , 2018, 11, 572.	1.0	14
63	Transcription apparatus of the yeast virus-like elements: Architecture, function, and evolutionary origin. <i>PLoS Pathogens</i> , 2018, 14, e1007377.	2.1	13
64	A phosphatidylinositol 4,5-bisphosphate redistribution-based sensing mechanism initiates a phagocytosis programing. <i>Nature Communications</i> , 2018, 9, 4259.	5.8	42
65	<i>Elmis rietscheli</i> Steffan, 1958 (Insecta: Coleoptera: Elmidae) in Croatia: first record and DNA barcoding. <i>Natura Croatica</i> , 2018, 27, 185-194.	0.3	3
66	First detection and molecular characterization of a <i>DENV-1</i> infection during an epidemic in Rio de Janeiro, Brazil. <i>Clinical Case Reports (discontinued)</i> , 2018, 6, 2075-2080.	0.2	1
67	Absence of spatial genetic structure in common dentex (<i>Dentex dentex</i> Linnaeus, 1758) in the Mediterranean Sea as evidenced by nuclear and mitochondrial molecular markers. <i>PLoS ONE</i> , 2018, 13, e0203866.	1.1	8
68	<i>Pyropia lunae</i> sp. nov. and <i>Pyropia islae</i> sp. nov. (Bangiales, Rhodophyta) from the Philippines. <i>Botanica Marina</i> , 2018, 61, 467-480.	0.6	3
69	Population history provides foundational knowledge for utilizing and developing native plant restoration materials. <i>Evolutionary Applications</i> , 2018, 11, 2025-2039.	1.5	26
70	The actinobacterial <i>WhiB-like</i> (Wbl) family of transcription factors. <i>Molecular Microbiology</i> , 2018, 110, 663-676.	1.2	59
71	The Structure of a Conserved Telomeric Region Associated with Variant Antigen Loci in the Blood Parasite <i>Trypanosoma congolense</i> . <i>Genome Biology and Evolution</i> , 2018, 10, 2458-2473.	1.1	19
72	Detection of sister-species in invasive populations of the fall armyworm <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) from Uganda. <i>PLoS ONE</i> , 2018, 13, e0194571.	1.1	82
73	LEA Proteins and the Evolution of the WHY Domain. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	48

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74	Multi-locus phylogeny of southern African <i>Acontias aurantiacus</i> (Peters) subspecies (Scincidae): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74 taxa. <i>Zootaxa</i> , 2018, 4442, 427-440.	0.2	4
75	<i>Romanogobio skywalkeri</i> , a new gudgeon (Teleostei: Gobionidae) from the upper Mur River, Austria. <i>Zootaxa</i> , 2018, 4403, 336-350.	0.2	6
76	An integrative redescription of <i>Hypsibius dujardini</i> (Doyère, 1840), the nominal taxon for Hypsibioidea (Tardigrada: Eutardigrada). <i>Zootaxa</i> , 2018, 4415, 45-75.	0.2	101
77	Study of diatom assemblages in Sundarbans mangrove water based on light microscopy and rbcL gene sequencing. <i>Heliyon</i> , 2018, 4, e00663.	1.4	11
78	<i>Microsorium</i> – <i>tohieaense</i> (Polypodiaceae), a New Hybrid Fern from French Polynesia, with Implications for the Taxonomy of <i>Microsorium</i> . <i>Systematic Botany</i> , 2018, 43, 397-413.	0.2	7
79	CO-dependent hydrogen production by the facultative anaerobe <i>Parageobacillus thermoglucosidasius</i> . <i>Microbial Cell Factories</i> , 2018, 17, 108.	1.9	37
80	High Quality Draft Genomes of the Type Strains <i>Geobacillus thermocatenulatus</i> DSM 730T, <i>G. uzenensis</i> DSM 23175T And <i>Parageobacillus galactosidasius</i> DSM 18751T. <i>Journal of Genomics</i> , 2018, 6, 20-23.	0.6	3
81	Genetic Architecture of Capitate Glandular Trichome Density in Florets of Domesticated Sunflower (<i>Helianthus annuus</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 2227.	1.7	7
82	Dichorhavirus in their Host Plants and Mite Vectors. <i>Advances in Virus Research</i> , 2018, 102, 119-148.	0.9	51
83	Unprecedented Diversity of ssDNA Phages from the Family Microviridae Detected within the Gut of a Protochordate Model Organism (<i>Ciona robusta</i>). <i>Viruses</i> , 2018, 10, 404.	1.5	53
84	A Comprehensive Overview of the Cyclodipeptide Synthase Family Enriched with the Characterization of 32 New Enzymes. <i>Frontiers in Microbiology</i> , 2018, 9, 46.	1.5	52
85	Bacteriome from <i>Pinus arizonica</i> and <i>P. durangensis</i> : Diversity, Comparison of Assemblages, and Overlapping Degree with the Gut Bacterial Community of a Bark Beetle That Kills Pines. <i>Frontiers in Microbiology</i> , 2018, 9, 77.	1.5	16
86	Bacterial Communities of Diatoms Display Strong Conservation Across Strains and Time. <i>Frontiers in Microbiology</i> , 2018, 9, 659.	1.5	116
87	De Novo DNA Synthesis in <i>Aedes aegypti</i> Midgut Cells as a Complementary Strategy to Limit Dengue Viral Replication. <i>Frontiers in Microbiology</i> , 2018, 9, 801.	1.5	22
88	Genome-Wide Analysis Reveals Ancestral Lack of Seventeen Different tRNAs and Clade-Specific Loss of tRNA-CNNs in Archaea. <i>Frontiers in Microbiology</i> , 2018, 9, 1245.	1.5	0
89	Metabolomic Profiles of <i>Dinophysis acuminata</i> and <i>Dinophysis acuta</i> Using Non-Targeted High-Resolution Mass Spectrometry: Effect of Nutritional Status and Prey. <i>Marine Drugs</i> , 2018, 16, 143.	2.2	13
90	Deciphering the Evolution and Development of the Cuticle by Studying Lipid Transfer Proteins in Mosses and Liverworts. <i>Plants</i> , 2018, 7, 6.	1.6	22
91	Pervasive Chimerism in the Replication-Associated Proteins of Uncultured Single-Stranded DNA Viruses. <i>Viruses</i> , 2018, 10, 187.	1.5	72

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92	Analysis of the genome sequence of plant beneficial strain <i>Pseudomonas</i> sp. RU47. <i>Journal of Biotechnology</i> , 2018, 281, 183-192.	1.9	15
93	The mitochondrial genomes of the barklice, <i>Lepinotus reticulatus</i> and <i>Dorypteryx domestica</i> (Psocodea: Trogiomorpha): Insight into phylogeny of the order Psocodea. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 247-254.	3.6	8
94	Polyphasic examination on <i>Merismopedia tenuissima</i> CHAB 7021 from Ganjiang River, China revealed the polyphyly of the genus <i>Merismopedia</i> (Cyanobacteria). <i>Journal of Oceanology and Limnology</i> , 2018, 36, 1157-1165.	0.6	4
95	Preliminary data on the distribution, morphology and genetics of white-clawed crayfish and on their ectosymbionts in Lunigiana (Tuscany, Italy). <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 25.	0.5	0
96	A consensus secondary structure of ITS2 for the diatom Order Cymatosirales (Mediophyceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 587 <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 117-129.	1.2	9
97	Columbid circoviruses detected in free ranging pigeons from Southern Brazil: insights on PiCV evolution. <i>Archives of Virology</i> , 2018, 163, 3083-3090.	0.9	11
98	<i>Citrobacter freundii</i> fitness during bloodstream infection. <i>Scientific Reports</i> , 2018, 8, 11792.	1.6	46
99	Tangled history of a multigene family: The evolution of ISOPENTENYLTRANSFERASE genes. <i>PLoS ONE</i> , 2018, 13, e0201198.	1.1	25
100	Diatom Allantoin Synthase Provides Structural Insights into Natural Fusion Protein Therapeutics. <i>ACS Chemical Biology</i> , 2018, 13, 2237-2246.	1.6	5
101	<i>Cadophora margaritata</i> sp. nov. and other fungi associated with the longhorn beetles <i>Anoplophora glabripennis</i> and <i>Saperda carcharias</i> in Finland. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 2195-2211.	0.7	8
102	Bootstrap and Rogue Identification Tests for Phylogenetic Analyses. <i>Molecular Biology and Evolution</i> , 2018, 35, 2327-2333.	3.5	31
103	<i>Serratia marcescens</i> Outbreak in a Neonatal Intensive Care Unit: New Insights from Next-Generation Sequencing Applications. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	34
104	<i>Racocetra crispa</i> (Glomeromycotina) delimited by integrative evidence based on morphology, long continuous nuclear rDNA sequencing and phylogeny. <i>Mycological Progress</i> , 2018, 17, 999-1011.	0.5	6
105	<i>Rhizobium tumorigenes</i> sp. nov., a novel plant tumorigenic bacterium isolated from cane gall tumors on thornless blackberry. <i>Scientific Reports</i> , 2018, 8, 9051.	1.6	32
106	Persistence of Yellow fever virus outside the Amazon Basin, causing epidemics in Southeast Brazil, from 2016 to 2018. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006538.	1.3	77
107	Molecular identification of water molds (oomycetes) associated with chum salmon eggs from hatcheries in Japan and possible sources of their infection. <i>Aquaculture International</i> , 2019, 27, 1739-1749.	1.1	6
108	Molecular Characterization of HIV-1 Minority Subtypes in Hong Kong: A Recent Epidemic of CRF07_BC among the Men who have Sex with Men Population. <i>Current HIV Research</i> , 2019, 17, 53-64.	0.2	5
109	A Novel Group of <i>Rhizobium tumorigenes</i> -Like Agrobacteria Associated with Crown Gall Disease of <i>Rhododendron</i> and Blueberry. <i>Phytopathology</i> , 2019, 109, 1840-1848.	1.1	10

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110	Marchantia polymorpha, a New Model Plant for Autophagy Studies. <i>Frontiers in Plant Science</i> , 2019, 10, 935.	1.7	19
111	Functional diversification of teleost Fads2 fatty acyl desaturases occurs independently of the trophic level. <i>Scientific Reports</i> , 2019, 9, 11199.	1.6	28
112	Diversity of Karyolysus and Schellackia from the Iberian lizard Lacerta schreiberi with sequence data from engorged ticks. <i>Parasitology</i> , 2019, 146, 1690-1698.	0.7	9
113	Taxonomic Distribution of Cytochrome P450 Monooxygenases (CYPs) among the Budding Yeasts (Sub-Phylum Saccharomycotina). <i>Microorganisms</i> , 2019, 7, 247.	1.6	10
114	Prediction of the Spatial Origin of Puumala Virus Infections Using L Segment Sequences Derived from a Generic Screening PCR. <i>Viruses</i> , 2019, 11, 694.	1.5	5
115	Type II Ice-Binding Proteins Isolated from an Arctic Microalga Are Similar to Adhesin-Like Proteins and Increase Freezing Tolerance in Transgenic Plants. <i>Plant and Cell Physiology</i> , 2019, 60, 2744-2757.	1.5	10
116	Identification of the master sex determining gene in Northern pike (Esox lucius) reveals restricted sex chromosome differentiation. <i>PLoS Genetics</i> , 2019, 15, e1008013.	1.5	107
117	Identification and Phylogenetic Characterization of Human Enteroviruses Isolated from Cases of Aseptic Meningitis in Brazil, 2013–2017. <i>Viruses</i> , 2019, 11, 690.	1.5	23
118	Molecular evolution of human adenovirus type 16 through multiple recombination events. <i>Virus Genes</i> , 2019, 55, 769-778.	0.7	4
119	Phylogenetics. , 0, , .		0
120	Importance of Individual Germination Receptor Subunits in the Cooperative Function between GerA and Ynd. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	4
121	Cytomegalovirus distribution and evolution in hominines. <i>Virus Evolution</i> , 2019, 5, vez015.	2.2	26
122	Detection of Wolbachia in field-collected Aedes aegypti mosquitoes in metropolitan Manila, Philippines. <i>Parasites and Vectors</i> , 2019, 12, 361.	1.0	38
123	A spliceosomal twin intron (stwintron) participates in both exon skipping and evolutionary exon loss. <i>Scientific Reports</i> , 2019, 9, 9940.	1.6	4
124	Hidden diversity in waterfall environments: The genus Acrorbis (Gastropoda: Planorbidae) from the Upper-Paraná Atlantic Forest. <i>PLoS ONE</i> , 2019, 14, e0220027.	1.1	2
125	Evolutionary Implications of Anoxygenic Phototrophy in the Bacterial Phylum Candidatus Eremiobacterota (WPS-2). <i>Frontiers in Microbiology</i> , 2019, 10, 1658.	1.5	88
126	Evolution and diversity of alpha-carbonic anhydrases in the mantle of the Mediterranean mussel (Mytilus galloprovincialis). <i>Scientific Reports</i> , 2019, 9, 10400.	1.6	21
127	Spread of two Zika virus lineages in Midwest Brazil. <i>Infection, Genetics and Evolution</i> , 2019, 75, 103974.	1.0	4

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128	Phylogeographic Analyses Reveal the Early Expansion and Frequent Bidirectional Cross-Border Transmissions of Non-pandemic HIV-1 Subtype B Strains in Hispaniola. <i>Frontiers in Microbiology</i> , 2019, 10, 1340.	1.5	4
129	Evolution of metazoan oxygen-sensing involved a conserved divergence of VHL affinity for HIF1 α and HIF2 α . <i>Nature Communications</i> , 2019, 10, 3293.	5.8	33
130	Comparative structural and evolutionary analyses predict functional sites in the artemisinin resistance malaria protein K13. <i>Scientific Reports</i> , 2019, 9, 10675.	1.6	28
131	Reconstruction of the spatial and temporal dynamics of hepatitis B virus genotype D in the Americas. <i>PLoS ONE</i> , 2019, 14, e0220342.	1.1	22
132	Phylogeography of Puumala orthohantavirus in Europe. <i>Viruses</i> , 2019, 11, 679.	1.5	25
133	Iterative allogamy“autogamy transitions drive actual and incipient speciation during the ongoing evolutionary radiation within the orchid genus <i>Epipactis</i> (Orchidaceae). <i>Annals of Botany</i> , 2019, 124, 481-497.	1.4	24
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374	Incipient genetic divergence or cryptic speciation? <i>Procamallanus</i> (Nematoda) in freshwater fishes (<i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>)	0.7	6
375	Phylogeographic structure and population connectivity of a small benthic fish (<i>Triptygion</i>) (<i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i>)	1.4	7
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384	<i>Boehmiella wilsoni</i> (Nematoda, Heligmosomoidea, Boehmiellidae fam. nov.), found in Amazonian rodents. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 13, 119-129.	0.6	1
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386	Biochemical analysis of cellobiose catabolism in <i>Candida pseudointermedia</i> strains isolated from rotten wood. <i>Archives of Microbiology</i> , 2020, 202, 1729-1739.	1.0	10
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399	Monogalactosyldiacylglycerol and Sulfolipid Synthesis in Microalgae. <i>Marine Drugs</i> , 2020, 18, 237.	2.2	27

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401	Lateral Gene Transfer Acts As an Evolutionary Shortcut to Efficient C4 Biochemistry. <i>Molecular Biology and Evolution</i> , 2020, 37, 3094-3104.	3.5	14
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406	Repeated Colonization Between Arid and Seasonal Wet Habitats, Frequent Transition Among Substrate Preferences, and Chemical Diversity in Western Australian <i>Xanthoparmelia</i> Lichens. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	1
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408	Genotyping of Salmon Gill Poxvirus Reveals One Main Predominant Lineage in Europe, Featuring Fjord- and Fish Farm-Specific Sub-Lineages. <i>Frontiers in Microbiology</i> , 2020, 11, 1071.	1.5	8
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410	Spatial genetic structure of <i>Opsariichthys hainanensis</i> in South China. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2020, 31, 98-107.	0.7	7
411	Morphological and genetic description of <i>Moniliformis necromysi</i> sp. n. (Archiacanthocephala) from the wild rodent <i>Necomys lasiurus</i> (Cricetidae: Sigmondontinae) in Brazil. <i>Journal of Helminthology</i> , 2020, 94, e138.	0.4	6
412	Two Elongases, Elov14 and Elov16, Fulfill the Elongation Routes of the LC-PUFA Biosynthesis Pathway in the Orange Mud Crab (<i>Scylla olivacea</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4116-4130.	2.4	18
413	Few SINEs of life: Alu elements have little evidence for biological relevance despite elevated translation. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqz023.	1.5	12
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432	No evidence for accumulation of deleterious mutations and fitness degradation in clonal fish hybrids: Abandoning sex without regrets. <i>Molecular Ecology</i> , 2020, 29, 3038-3055.	2.0	18
433	Molecular Evolutionary Analysis of Nematode <i>Zona Pellucida</i> (ZP) Modules Reveals Disulfide-Bond Reshuffling and Standalone ZP-C Domains. <i>Genome Biology and Evolution</i> , 2020, 12, 1240-1255.	1.1	5
434	The complete mitochondrial genome of the Columbia lance nematode, <i>Hoplolaimus columbus</i> , a major agricultural pathogen in North America. <i>Parasites and Vectors</i> , 2020, 13, 321.	1.0	12
435	A new phylogenetic protocol: dealing with model misspecification and confirmation bias in molecular phylogenetics. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa041.	1.5	15

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437	Complex intron generation in the yeast genus <i>Lipomyces</i> . <i>Scientific Reports</i> , 2020, 10, 6022.	1.6	3
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440	Molecular identification of novel and genetically diverse adenoviruses in Passeriform birds. <i>Virus Genes</i> , 2020, 56, 316-324.	0.7	17
441	Intragenomic polymorphisms in the ITS region of high-quality genomes of the Hypoxylaceae (Xylariales), <i>Tj ETQq1 1.0.784314 rgBT /Over</i>	0.5	60
442	CenH3-Independent Kinetochore Assembly in Lepidoptera Requires CCAN, Including CENP-T. <i>Current Biology</i> , 2020, 30, 561-572.e10.	1.8	52
443	Broad diversity of simian immunodeficiency virus infecting <i>Chlorocebus</i> species (African green) <i>Tj ETQq1 1.0.784314 rgBT /Over</i> of <i>Medical Primatology</i> , 2020, 49, 165-178.	0.3	4
444	Genetic and Biological Diversity of Porcine Sapeloviruses Prevailing in Zambia. <i>Viruses</i> , 2020, 12, 180.	1.5	9
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450	<i>Acusicola margulisae</i> n. sp. (Copepoda: Ergasilidae) from freshwater fishes in a Nicaraguan crater lake based on morphological and molecular evidence. <i>Systematic Parasitology</i> , 2020, 97, 165-177.	0.5	10
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461	Candidatus <i>Neoehrlichia mikurensis</i> is widespread in questing <i>Ixodes ricinus</i> ticks in the Czech Republic. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101371.	1.1	9
462	Isolation of Angola-like Marburg virus from Egyptian rousette bats from West Africa. <i>Nature Communications</i> , 2020, 11, 510.	5.8	66
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466	The protandric life history of the Northern spot shrimp <i>Pandalus platyceros</i> : molecular insights and implications for fishery management. <i>Scientific Reports</i> , 2020, 10, 1287.	1.6	16
467	Diversity of Antimicrobial Peptides in Three Partially Sympatric Frog Species in Northeast Asia and Implications for Evolution. <i>Genes</i> , 2020, 11, 158.	1.0	4
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477	Phylogeography of Equine Infectious Anemia Virus. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	7
478	Virome Analysis of Aphid Populations That Infest the Barley Field: The Discovery of Two Novel Groups of Nege/Kita-Like Viruses and Other Novel RNA Viruses. <i>Frontiers in Microbiology</i> , 2020, 11, 509.	1.5	46
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481	A New Family of DNA Viruses Causing Disease in Crustaceans from Diverse Aquatic Biomes. <i>MBio</i> , 2020, 11, .	1.8	62
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485	Investigating the sex-selectivity of a middle Ontario Iroquoian Atlantic salmon (<i>Salmo salar</i>) and lake trout (<i>Salvelinus namaycush</i>) fishery through ancient DNA analysis. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102301.	0.2	1
486	Characterization of viruses in a tapeworm: phylogenetic position, vertical transmission, and transmission to the parasitized host. <i>ISME Journal</i> , 2020, 14, 1755-1767.	4.4	28
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488	Unravelling the evolution of Africa's drainage basins through a widespread freshwater fish, the African sharptooth catfish <i>Clarias gariepinus</i> . <i>Journal of Biogeography</i> , 2020, 47, 1739-1754.	1.4	29
489	Functional characterisation of fatty acyl desaturase, Fads2, and elongase, Elovl5, in the Boddart's goggle-eyed goby <i>Boleophthalmus boddarti</i> (Gobiidae) suggests an incapacity for long-chain polyunsaturated fatty acid biosynthesis. <i>Journal of Fish Biology</i> , 2020, 97, 83-99.	0.7	9

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493	Identification and expression of chemosensory receptor genes in the egg parasitoid <i>Trissolcus basalis</i> . Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 37, 100758.	0.4	6
494	<i>Pyrrhosia serpens</i> (G.Forst.) Ching a new record for the fern flora of the Kermadec Islands. New Zealand Journal of Botany, 2021, 59, 229-243.	0.8	0
495	Evidence for the recognition of <i>Schoenus caespitans</i> as a separate species from <i>Schoenus apogon</i> . New Zealand Journal of Botany, 2021, 59, 217-228.	0.8	0
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503	<i>Streptococcus pseudopneumoniae</i> : Use of Whole-Genome Sequences To Validate Species Identification Methods. Journal of Clinical Microbiology, 2021, 59, .	1.8	4
504	<i>Cryphonectria carpnicola</i> sp. nov. Associated with hornbeam decline in Europe. Fungal Biology, 2021, 125, 347-356.	1.1	8
505	<i>Koleobacter methoxysyntrophicus</i> gen. nov., sp. nov., a novel anaerobic bacterium isolated from deep subsurface oil field and proposal of <i>Koleobacteraceae</i> fam. nov. and <i>Koleobacterales</i> ord. nov. within the class <i>Clostridia</i> of the phylum <i>Firmicutes</i> . Systematic and Applied Microbiology, 2021, 44, 126154.	1.2	15
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511	Phylogenomic inference of the interrelationships of Lake Baikal sponges. <i>Systematics and Biodiversity</i> , 2021, 19, 209-217.	0.5	4
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518	A new family and two new genera of calcaxonian octocoral, including a redescription of. <i>Invertebrate Systematics</i> , 2021, 35, 282-297.	0.5	2
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526	Recent Advances in Bunyavirus Glycoprotein Research: Precursor Processing, Receptor Binding and Structure. <i>Viruses</i> , 2021, 13, 353.	1.5	36

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531	Human T-cell leukemia virus type 1 infection among Japanese immigrants and their descendants living in Southeast Brazil: A call for preventive and control responses. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009066.	1.3	10
532	A new species in the <i>Mycosphaerellaceae</i> from <i>Cecidomyiidae</i> leaf galls on <i>Avicennia marina</i> in South Africa. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 515-526.	0.7	3
533	<p class="Body">Morphological description, DNA barcodes and phylogenetic placement of a new mite species: <i>Dinogamasus saengdaoae</i> sp. nov. (Mesostigmata: Laelapidae) found in the acarinarium of carpenter bees in Thailand</p>. <i>Systematic and Applied Acarology</i>, 2021, 26, 474-495.</p>	0.5	2
534	The Rice Small Auxin-Up RNA Gene <i>OsSAUR33</i> Regulates Seed Vigor via Sugar Pathway during Early Seed Germination. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1562.	1.8	25
535	Estimating the genetic diversity of Pacific salmon and trout using multigene eDNA metabarcoding. <i>Molecular Ecology</i> , 2021, 30, 4970-4990.	2.0	33
536	A <i>Sarcina</i> bacterium linked to lethal disease in sanctuary chimpanzees in Sierra Leone. <i>Nature Communications</i> , 2021, 12, 763.	5.8	17
537	Two sea anemones (Cnidaria: Anthozoa: Actiniaria) from the Southern Ocean with evidence of a deep-sea, polar lineage of burrowing sea anemones. <i>Zoological Journal of the Linnean Society</i> , 2021, 193, 1392-1415.	1.0	3
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540	Large-scale genome sequencing reveals the driving forces of viruses in microalgal evolution. <i>Cell Host and Microbe</i> , 2021, 29, 250-266.e8.	5.1	48
541	<i>Cryphonectria nitschkei</i> chrysovirus 1 with unique molecular features and a very narrow host range. <i>Virology</i> , 2021, 554, 55-65.	1.1	16
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548	Unveiling the unknown phylogenetic position of the scallop <i>Austrochlamys natans</i> and its implications for marine stewardship in the Magallanes Province. <i>Scientific Reports</i> , 2021, 11, 7241.	1.6	1

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551	A new symbiotic lineage related to <i>Neisseria</i> and <i>Snodgrassella</i> arises from the dynamic and diverse microbiomes in sucking lice. <i>Molecular Ecology</i> , 2021, 30, 2178-2196.	2.0	16
552	Silk of the common clothes moth, <i>Tineola bisselliella</i> , a cosmopolitan pest belonging to the basal ditrysian moth line. <i>Insect Biochemistry and Molecular Biology</i> , 2021, 130, 103527.	1.2	7
553	<i>Curvularia lunata</i> as new causal pathogen of tomato early blight disease in Egypt. <i>Molecular Biology Reports</i> , 2021, 48, 3001-3006.	1.0	12
554	Interaction between matrix metalloproteinase-9 (MMP-9) and neutrophil gelatinase-associated lipocalin (NGAL): A recent evolutionary event in primates. <i>Developmental and Comparative Immunology</i> , 2021, 116, 103933.	1.0	3
555	The Local and Systemic Humoral Immune Response Against Homologous and Heterologous Strains of the Type 2 Porcine Reproductive and Respiratory Syndrome Virus. <i>Frontiers in Immunology</i> , 2021, 12, 637613.	2.2	11
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558	Complex evolutionary history of two ecologically significant grass genera, <i>Themeda</i> and <i>Heteropogon</i> (Poaceae: Panicoideae: Andropogoneae). <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 437-455.	0.8	10
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575	Of pandas, fossils, and bamboo forests: ecological niche modeling of the giant panda (<i>Ailuropoda</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	2
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580	Evolutionary genomics of endangered Hawaiian tree snails (<i>Achatinellidae</i> : <i>Achatinellinae</i>) for conservation of adaptive capacity. <i>PeerJ</i> , 2021, 9, e10993.	0.9	7
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584	Strain composition and genetic diversity of the fall armyworm <i>Spodoptera frugiperda</i> (Lepidoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 0.4 7	0.4	7
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595	Widespread lateral gene transfer among grasses. <i>New Phytologist</i> , 2021, 230, 2474-2486.	3.5	24
596	<i>Anaerotalea alkaliphila</i> gen. nov., sp. nov., an alkaliphilic, anaerobic, fermentative bacterium isolated from a terrestrial mud volcano. <i>Extremophiles</i> , 2021, 25, 301-309.	0.9	9
597	<i>Botryosphaeria</i> Dothidea and <i>Neofusicoccum Yunnanense</i> Causing Canker and Die-Back of <i>Sequoiadendron Giganteum</i> in Croatia. <i>Forests</i> , 2021, 12, 695.	0.9	5
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600	Population transcriptomic sequencing reveals allopatric divergence and local adaptation in <i>Pseudotaxus chienii</i> (Taxaceae). <i>BMC Genomics</i> , 2021, 22, 388.	1.2	11
601	DNA barcoding of Austrian snow scorpionflies (<i>Mecoptera</i> , <i>Boreidae</i>) reveals potential cryptic diversity in <i>Boreus westwoodi</i> . <i>PeerJ</i> , 2021, 9, e11424.	0.9	4
602	IQ67 DOMAIN proteins facilitate preprophase band formation and division-plane orientation. <i>Nature Plants</i> , 2021, 7, 739-747.	4.7	40
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604	Lost and Found: Piwi and Argonaute Pathways in Flatworms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 653695.	1.8	7
605	New tyrosinases with putative action against contaminants of emerging concern. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1180-1192.	1.5	4
606	Functional Diversity of the Litter-Associated Fungi from an Oxalate-Carbonate Pathway Ecosystem in Madagascar. <i>Microorganisms</i> , 2021, 9, 985.	1.6	6
607	Phylogenetic and morphological study of the genus <i>Potamolithus</i> (<i>Truncatelloidea</i> : <i>Tateidae</i>) in hotspots of diversity at the Paranaense Forest, Argentina, with the addition of six new species. <i>Zoologischer Anzeiger</i> , 2021, 292, 92-110.	0.4	1
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610	A survey of mosquito-borne and insect-specific viruses in hospitals and livestock markets in western Kenya. <i>PLoS ONE</i> , 2021, 16, e0252369.	1.1	13

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617	Changes in Cell Wall Structure During Rhizoid Formation of <i>Silvetia babingtonii</i> (Fucales.) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50	1.0	3
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619	Taxonomy and phylogeny of the basidiomycetous hyphomycete genus <i>Hormomyces</i> . <i>Fungal Systematics and Evolution</i> , 2021, 7, 177-196.	0.9	5
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621	Diversity of mosquito fauna (Diptera, Culicidae) in higher-altitude regions of Croatia. <i>Journal of Vector Ecology</i> , 2021, 46, 65-75.	0.5	2
622	Time-resolved comparative molecular evolution of oxygenic photosynthesis. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148400.	0.5	44
623	Genetic diversity of <i>Teratosphaeria pseudoecalypti</i> in <i>Eucalyptus</i> plantations in Australia and Uruguay. <i>Australasian Plant Pathology</i> , 2021, 50, 639-649.	0.5	2
624	Arabinogalactan-proteins from non-coniferous gymnosperms have unusual structural features. <i>Carbohydrate Polymers</i> , 2021, 261, 117831.	5.1	11
625	Genome Mining for Antimicrobial Compounds in Wild Marine Animals-Associated Enterococci. <i>Marine Drugs</i> , 2021, 19, 328.	2.2	11
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627	Phylogenomic Analyses of a Clade Within the Family Flavobacteriaceae Suggest Taxonomic Reassignments of Species of the Genera <i>Algibacter</i> , <i>Hyunsoonleella</i> , <i>Jejuia</i> , and <i>Flavivirga</i> , and the Proposal of <i>Pseudalgibacter</i> gen. nov. and <i>Pseudalgibacter alginicyticus</i> comb. nov.. <i>Current Microbiology</i> , 2021, 78, 3277-3284.	1.0	18
628	Overview of the Genetic Diversity of African <i>Macrotermes</i> (Termitidae: Macrotermitinae) and Implications for Taxonomy, Ecology and Food Science. <i>Insects</i> , 2021, 12, 518.	1.0	2
630	Genomic evolution of avian polyomaviruses with a focus on budgerigar fledgling disease virus. <i>Infection, Genetics and Evolution</i> , 2021, 90, 104762.	1.0	6
631	Balancing selection maintains ancient polymorphisms at conserved enhancers for the olfactory receptor genes of a Chinese marine fish. <i>Molecular Ecology</i> , 2021, 30, 4023-4038.	2.0	3
632	SARS-CoV-2 variants lacking ORF8 occurred in farmed mink and pangolin. <i>Gene</i> , 2021, 784, 145596.	1.0	17

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636	Epidemiology of the <i>Staphylococcus aureus</i> CA-MRSA USA300 in Belgium. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2335-2347.	1.3	8
637	Genetic material reveals illegal sale in northern Brazil: the case of the critically endangered species <i>Epinephelus itajara</i> . <i>Conservation Genetics Resources</i> , 2021, 13, 389-393.	0.4	1
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645	<i>Thermococcus henrietii</i> sp. nov., a novel extreme thermophilic and piezophilic sulfur-reducing archaeon isolated from a deep-sea hydrothermal chimney. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	8
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650	Evolution of a c-di-GMP anti-switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11
651	Male Differentiation in the Marine Copepod <i>Oithona nana</i> Reveals the Development of a New Nervous Ganglion and Lin12-Notch-Repeat Protein-Associated Proteolysis. <i>Biology</i> , 2021, 10, 657.	1.3	1
652	The role of plant-pollinator interactions in structuring nectar microbial communities. <i>Journal of Ecology</i> , 2021, 109, 3379-3395.	1.9	22
653	Physiological and Genomic Characterization of a Hyperthermophilic Archaeon <i>Archaeoglobus neptunius</i> sp. nov. Isolated From a Deep-Sea Hydrothermal Vent Warrants the Reclassification of the Genus <i>Archaeoglobus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 679245.	1.5	13
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658	Cytogenomic analysis unveils mixed molecular evolution and recurrent chromosomal rearrangements shaping the multigene families on <i>Schistocerca</i> grasshopper genomes. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2027-2041.	1.1	7
659	Expression of <i>Melocactus glaucescens</i> SERK1 sheds new light on the mechanism of areolar activation in cacti. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 437-451.	1.2	2
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661	<i>Thermococcus camini</i> sp. nov., a hyperthermophilic and piezophilic archaeon isolated from a deep-sea hydrothermal vent at the Mid-Atlantic Ridge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	10
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663	Identification and evolution of nuclear receptors in Platyhelminths. <i>PLoS ONE</i> , 2021, 16, e0250750.	1.1	6
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669	Enterovirus D: A Small but Versatile Species. <i>Microorganisms</i> , 2021, 9, 1758.	1.6	6
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672	Identification of a Novel Quinvirus in the Family Betaflexiviridae That Infects Winter Wheat. <i>Frontiers in Microbiology</i> , 2021, 12, 715545.	1.5	7
673	Proximity labeling reveals non-centrosomal microtubule-organizing center components required for microtubule growth and localization. <i>Current Biology</i> , 2021, 31, 3586-3600.e11.	1.8	31

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674	Taxonomy and molecular systematic position of the freshwater genus <i>Heteromeyenia</i> (Porifera: Tj ETQq0 0 0 rgBT /Overlock_1 Tf 50 7	0.5	1
675	Novel and known myxobolids (Cnidaria, Myxozoa) infecting <i>Chondrostoma angorense</i> (Cypriniformes: Tj ETQq1 1 0,784314 rgBT /Over	0.6	0
676	Large-scale computational discovery and analysis of virus-derived microbial nanocompartments. <i>Nature Communications</i> , 2021, 12, 4748.	5.8	28
678	Maxicircle architecture and evolutionary insights into <i>Trypanosoma cruzi</i> complex. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009719.	1.3	9
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681	Systematizing the genomic order and relatedness in the open reading frames (ORFs) of the coronaviruses. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104858.	1.0	4
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862	<i>Pedobacter gandavensis</i> sp. nov., <i>Pedobacter foliorum</i> sp. nov. and <i>Pedobacter planticolens</i> sp. nov., isolated from leaves of <i>Arabidopsis thaliana</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	16
869	Delineation of two new, highly similar species of Taiwanese <i>Cylindera</i> tiger beetles (Coleoptera, Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	1
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881	Two new combinations in <i>Oreocharis</i> (Gesneriaceae) based on morphological, molecular and cytological evidence. <i>PhytoKeys</i> , 2020, 157, 43-58.	0.4	10
883	MutaÃ§Ã¶es de resistÃªncia a antirretrovirais e diversidade genÃ©tica do HIV-1 em gestantes atendidas em uma maternidade de referÃªncia no Estado do PiauÃ; Brasil. <i>Research, Society and Development</i> , 2020, 9, e160996683.	0.0	1
884	<i>Hepatica transsilvanica</i> Fuss (Ranunculaceae) is an Allotetraploid Relict of the Tertiary Flora in Europe â€“ Molecular Phylogenetic Evidence. <i>Acta Societatis Botanicorum Poloniae</i> , 2020, 89, .	0.8	4
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888	Epidemic progress of beet necrotic yellow vein virus: evidence from an investigation in Japan spanning half a century. <i>Plant Pathology</i> , 0, , .	1.2	5
889	Stars in subtropical Japan: a new gregarious <i>Meteorus</i> species (Hymenoptera, Braconidae, Euphorinae) constructs enigmatic star-shaped pendulous communal cocoons. <i>Journal of Hymenoptera Research</i> , 0, 86, 19-45.	0.8	4

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916	Invasive Japanese foraminifera in a south-west Australian estuary. <i>Marine and Freshwater Research</i> , 2021, , .	0.7	1
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918	A Molecular and Morphological Guide to the Pilose Crayfishes of Western North America. <i>Western North American Naturalist</i> , 2021, 81, .	0.2	1
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921	Phylogeography and phylogeny of Rhinoviruses collected from Severe Acute Respiratory Infection (SARI) cases over successive epidemic periods in Tunisia. <i>PLoS ONE</i> , 2021, 16, e0259859.	1.1	0

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961	A contribution to the knowledge of the taxonomy of the subgenus <i>Abrothrix</i> (<i>Angelomys</i>) (Rodentia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	2
962	Reproductive isolation among lineages of <i>Silene nutans</i> (Caryophyllaceae): A potential involvement of plastid-nuclear incompatibilities. <i>Molecular Phylogenetics and Evolution</i> , 2022, 169, 107436.	1.2	8
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967	Two alpha isopropylmalate synthase isozymes with similar kinetic properties are extant in the yeast <i>Lachancea kluyveri</i> . <i>FEMS Yeast Research</i> , 2022, 22, .	1.1	2
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969	An integrative study of morphological and molecular characterization of <i>Diplectanum aequans</i> (Diplectanidae: Monogenea) infecting European sea bass <i>Dicentrarchus labrax</i> (L.) from Turkish coasts. <i>Ankara Universitesi Veteriner Fakultesi Dergisi</i> , 0, , .	0.4	2
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982	Descriptions of six new species in <i>White Cloud Mountain minnow</i> <i>Tanichthys albonubes</i> complex (<i>Cypriniformes: Tanichthyidae</i>) in southern China. <i>Journal of Fish Biology</i> , 2022, 100, 1062-1087.	0.7	3
983	Insight into the cryptic diversity and phylogeography of the peculiar fried egg jellyfish <i>Phacellophora</i> (Cnidaria, Scyphozoa, Ulmaridae). <i>PeerJ</i> , 2022, 10, e13125.	0.9	3
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985	Fenton-Mediated Chlorophenol Degradation by Iron-Reducing Compounds Isolated from Endophytic Fungi in Atacama Puna Plateau <i>Lecanicillium</i> ATA01. <i>Fermentation</i> , 2022, 8, 147.	1.4	0
986	Insights From the <i>Lactobacillus johnsonii</i> Genome Suggest the Production of Metabolites With Antibiofilm Activity Against the Pathobiont <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 853762.	1.5	23

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988	<i>Botryosphaeriaceae</i> diversity on <i>Eucalyptus</i> clones in different climate zones of Indonesia. <i>Forest Pathology</i> , 2022, 52, .	0.5	4
989	Circulation of genotypes of dengue virus serotype 2 in Guangzhou over a period of 20 years. <i>Virology Journal</i> , 2022, 19, 47.	1.4	3
990	Polyphasic Identification and Genomic Insights of <i>Leptothermofonsia sichuanensis</i> gen. sp. nov., a Novel Thermophilic Cyanobacteria Within <i>Leptolyngbyaceae</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 765105.	1.5	11
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1003	Molecular Epidemiology of Rabies in Wild Canidae in Tunisia. <i>Viruses</i> , 2021, 13, 2473.	1.5	4
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1005	First report of the order Mysida (Crustacea) in Antarctic marine ice caves, with description of a new species of <i>Pseudomma</i> and investigations on the taxonomy, morphology and life habits of <i>Mysidetes</i> species. <i>ZooKeys</i> , 2021, 1079, 145-227.	0.5	3
1007	Ubiquitous but Ignored? A Case of Water Beetle in Southeastern Europe. <i>Diversity</i> , 2022, 14, 26.	0.7	3

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1010	Acute hypoxia elevates arginase 2 and induces polyamine stress response in zebrafish via evolutionarily conserved mechanism. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	6
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1014	Natural rodent model of viral transmission reveals biological features of virus population dynamics. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	18
1018	Synthesis of Dolichols in <i>Candida albicans</i> Is Co-Regulated with Elongation of Fatty Acids. <i>International Journal of Molecular Sciences</i> , 2022, 23, 409.	1.8	1
1019	Divergencia genética en musarañas (Mammalia: Soricidae) de los bosques húmedos de montaña al norte del Neotrópico. <i>Revista Mexicana De Biodiversidad</i> , 2021, 92, 923781.	0.4	5
1021	First Glimpse at the Diverse Aquaporins of Amphipod Crustaceans. <i>Cells</i> , 2021, 10, 3417.	1.8	3
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1026	Pathogenesis of recent Lassa virus isolates from lineages II and VII in cynomolgus monkeys. <i>Virulence</i> , 2022, 13, 654-669.	1.8	5
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1028	Reevaluation of <i>Parasynochococcus</i> -like Strains and Genomic Analysis of Their Microsatellites and Compound Microsatellites. <i>Plants</i> , 2022, 11, 1060.	1.6	5
1029	A One-Health Approach to Investigating an Outbreak of Alimentary Tick-Borne Encephalitis in a Non-endemic Area in France (Ain, Eastern France): A Longitudinal Serological Study in Livestock, Detection in Ticks, and the First Tick-Borne Encephalitis Virus Isolation and Molecular Characterisation. <i>Frontiers in Microbiology</i> , 2022, 13, 863725.	1.5	17
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1189	Testing Phylogeographic Hypotheses in <i>Mepraia</i> (Hemiptera: Reduviidae) Suggests a Complex Spatio-Temporal Colonization in the Coastal Atacama Desert. <i>Insects</i> , 2022, 13, 419.	1.0	4
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1192	Genetic diversity of <i>Ichthyophthirius multifiliis</i> (Fouquet, 1876) infecting farmed rainbow trout (<i>Oncorhynchus mykiss</i> Walbaum, 1792) in Turkey. <i>Journal of Fish Diseases</i> , 2022, , .	0.9	1
1193	Draft Genome Sequences for Three <i>Ophiostoma</i> Species Acquired during Revisions of Australian Plant Pathogen Reference Collections. <i>Microbiology Resource Announcements</i> , 2022, 11, e0017522.	0.3	2
1194	Host plants and insecticides shape the evolution of genetic and clonal diversity in a major aphid crop pest. <i>Evolutionary Applications</i> , 2022, 15, 1653-1669.	1.5	5
1195	Australia as a global sink for the genetic diversity of avian influenza A virus. <i>PLoS Pathogens</i> , 2022, 18, e1010150.	2.1	9
1196	A World of Viruses Nested within Parasites: Unraveling Viral Diversity within Parasitic Flatworms (Platyhelminthes). <i>Microbiology Spectrum</i> , 2022, 10, e0013822.	1.2	17
1197	Haemogregarines of the Genera <i>Haemogregarina</i> , <i>Hemolivia</i> , and <i>Hepatozoon</i> Infecting Vietnamese Freshwater Turtles, with Additional Notes on Primer Specificity and Primer-template Mismatches Affecting Diagnostic Success. <i>Protist</i> , 2022, 173, 125884.	0.6	4
1198	<i>Fusarium</i> Keratitis in Taiwan: Molecular Identification, Antifungal Susceptibilities, and Clinical Features. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 476.	1.5	6
1199	Dietary lipids as modulators of fatty acid profile and gene expression patterns on body compartments of <i>Octopus vulgaris</i> paralarvae. <i>Aquaculture</i> , 2022, 556, 738293.	1.7	0
1200	Diacylglycerol, PKC and MAPK signaling initiate tubeworm metamorphosis in response to bacteria. <i>Developmental Biology</i> , 2022, 487, 99-109.	0.9	7
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1203	Distinct gene clusters drive formation of ferrosome organelles in bacteria. <i>Nature</i> , 2022, 606, 160-164.	13.7	15
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1213	<i>Tragopogon dubius</i> : Multiple introductions to North America and the formation of the New World tetraploids. <i>Taxon</i> , 2022, 71, 1287-1298.	0.4	5
1214	Genetic Structure and Demographic History of Yellow Grouper (<i>Epinephelus awoara</i>) from the Coast of Southeastern Mainland China, Inferred by Mitochondrial, Nuclear and Microsatellite DNA Markers. <i>Diversity</i> , 2022, 14, 439.	0.7	1
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1288	Hybridisation and chloroplast capture between distinct <i>Themeda triandra</i> lineages in Australia. <i>Molecular Ecology</i> , 2022, 31, 5846-5860.	2.0	7
1289	<i>Curtobacterium allii</i> sp. nov., the actinobacterial pathogen causing onion bulb rot. <i>Antonie Van Leeuwenhoek</i> , 2023, 116, 83-96.	0.7	6
1290	Interaction networks reveal highly antagonistic endophytic bacteria in native maize seeds from traditional <i>milpa</i> agroecosystems. <i>Environmental Microbiology</i> , 2022, 24, 5583-5595.	1.8	5
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1308	Multilocus Phylogeography and Population Genetic Analyses of <i>Opsariichthys hainanensis</i> Reveal Pleistocene Isolation Followed by High Gene Flow around the Gulf of Tonkin. <i>Genes</i> , 2022, 13, 1908.	1.0	6
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1325	Transfer of <i>Erwinia toletana</i> and <i>Erwinia iniecta</i> to a novel genus <i>Winslowiella</i> gen. nov. as <i>Winslowiella toletana</i> comb. nov. and <i>Winslowiella iniecta</i> comb. nov. and description of <i>Winslowiella arboricola</i> sp. nov., isolated from bleeding cankers on broadleaf hosts. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
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1328	Mitigation of Paddy Field Soil Methane Emissions by Betaproteobacterium <i>Azoarcus</i> Inoculation of Rice Seeds. <i>Microbes and Environments</i> , 2022, 37, n/a.	0.7	1
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