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2156	Inclusion of <i>Kickxia abhaica</i> D.A. Sutton in the genus <i>Nanorrhinum</i> (Plantaginaceae): Evidence from its nuclear ribosomal DNA sequences. 2018 , 25, 209-214		
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- 508 Comparative analysis of the two suborders of Thysanoptera and characterization of the complete mitochondrial genome of *Thrips parvispinus*. ○
- 507 In silico Analysis of Diverse Endo-β-1,4-glucanases Reveals Their Molecular Evolution. **2023**, 59, 94-106 ○
- 506 Analysis of virome by high-throughput sequencing disclosed multiple infection in a single grapevine plant. **2023**, 53, ○
- 505 Genome editing of the vermilion locus generates a visible eye color marker for *Oncopeltus fasciatus*. **2023**, 13, ○
- 504 30S subunit recognition and G1405 modification by the aminoglycoside-resistance 16S ribosomal RNA methyltransferase RmtC. ○
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- 502 A phylogenetic and taxonomic assessment of the *Cnemaspis alwisi* group (*Reptilia*: Gekkonidae) in Sri Lanka with a description of two new species from isolated misty-mountains. 73, 205-236 ○
- 501 First complete mitochondrial genome of the endemic goby, *Rhinogobius davidi* (Gobiiformes: Gobiidae: Gobionellinae), in China. **2023**, 8, 410-413 ○
- 500 Genomic insights into extensively drug-resistant *Pseudomonas aeruginosa* isolated from a diarrhea case in Kolkata, India. **2023**, 18, 173-186 ○
- 499 Genetic Diversity and Insights about Distribution of Brown Howler Monkeys (*Alouatta guariba* Group) (*Atelidae*, Alouattinae). ○
- 498 Sporulation Activated via σ^W Protects *Bacillus* from a Tse1 Peptidoglycan Hydrolase Type VI Secretion System Effector. **2023**, 11, ○
- 497 Molecular Characterization of Feline Chaphamaparvovirus (Carnivore chaphamaparvovirus 2) Firstly Detected in Dogs from China. **2023**, 2023, 1-8 ○
- 496 The Purification and Characterization of a Cutinase-like Enzyme with Activity on Polyethylene Terephthalate (PET) from a Newly Isolated Bacterium *Stenotrophomonas maltophilia* PRS8 at a Mesophilic Temperature. **2023**, 13, 3686 ○
- 495 Insight into biosorption of hexavalent chromium using isolated species *Aspergillus Proliferans* LA: A systemic and In silico studies. **2023**, 7, 83 ○

- 494 Historical Landscape Evolution Shaped the Phylogeography and Population History of the Cyprinid Fishes of *Acrossocheilus* (Cypriniformes: Cyprinidae) According to Mitochondrial DNA in Zhejiang Province, China. **2023**, 15, 425 ○
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- 492 Spermidine Synthase and Saccharopine Reductase Have Co-Expression Patterns Both in Basidiomycetes with Fusion Form and Ascomycetes with Separate Form. **2023**, 9, 352 ○
- 491 Enzymes Power for Plastics Degradation. ○
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- 485 Metagenomic Type IV Aminotransferases Active toward (R)-Methylbenzylamine. **2023**, 13, 587 ○
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- 483 Potential of Indigenous Strains Isolated from the Wastewater Treatment Plant of a Crude Oil Refinery. **2023**, 11, 752 ○
- 482 Identification and characterization of the Doublesex gene and its mRNA isoforms in the brine shrimp *Artemia franciscana*. **2023**, 480, 385-401 ○
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- 479 Phylogenetic Analysis of R2R3-MYB Family Genes in *Tetrastigma hemsleyanum* Diels et Gilg and Roles of ThMYB4 and ThMYB7 in Flavonoid Biosynthesis. **2023**, 13, 531 ○
- 478 NLG1, a novel mitochondrial membrane protein, control leaf and grain development in rice. ○
- 477 A DNA barcode reference library for CITES listed Malagasy *Dalbergia* species. **2023**, 13, ○

- 476 A Genetic Engineering Toolbox for the Lignocellulolytic Anaerobic Gut Fungus *Neocallimastix frontalis*. **2023**, 12, 1034-1045 ○
- 475 Biocontrol potential of lipopeptides produced by the novel *Bacillus subtilis* strain Y17B against postharvest *Alternaria* fruit rot of cherry. 14, ○
- 474 Phylogenomic analysis of the genus *Rosenbergiella* and description of *Rosenbergiella gaditana* sp. nov., *Rosenbergiella metrosideri* sp. nov., *Rosenbergiella epipactidis* subsp. *epipactidis* subsp. nov., *Rosenbergiella epipactidis* subsp. *californiensis* subsp. nov., *Rosenbergiella epipactidis* subsp. *japonicus* subsp. nov., *Rosenbergiella nectarea* subsp. *nectarea* subsp. nov. and *Rosenbergiella* Molecular Detection of Multiple Genotypes of *Orientia tsutsugamushi* Causing Scrub Typhus in Febrile Patients from Theni District, South India. **2023**, 8, 174 ○
- 472 Structural and Phylogenetic Analysis of CXCR4 Protein Reveals New Insights into Its Role in Emerging and Re-Emerging Diseases in Mammals. **2023**, 11, 671 ○
- 471 *Wickerhamiella bidentis* sp. nov., a novel yeast species isolated from flowers and insects in Japan. **2023**, 73, ○
- 470 Comprehensive Analysis of bHLH Transcription Factors in *Ipomoea aquatica* and Its Response to Anthocyanin Biosynthesis. **2023**, 24, 5652 ○
- 469 Characterization of a novel Wx-A1b? null allele and PCR markers for allele identification at three Wx loci. ○
- 468 A new species of frog (*Terrarana*, Strabomantidae, Phrynopus) from the Peruvian Andean Grasslands. **2023**, 7, 105-116 ○
- 467 *Bifidobacterium mellis* sp. nov., isolated from the honey stomach of the honey bee *Apis mellifera*. **2023**, 73, ○
- 466 Electrokinetic-Enhanced Bioremediation of Trichloroethylene-Contaminated Low-Permeability Soils: Mechanistic Insight from Spatio-Temporal Variations of Indigenous Microbial Community and Biodehalogenation Activity. **2023**, 57, 5046-5055 ○
- 465 *Helicobacter kumamotonensis* sp. nov., isolated from human clinical specimens. **2023**, 73, ○
- 464 Description of *Alkalimarinus coralli* sp. nov., isolated from tissue of the coral *Pocillopora damicornis*. **2023**, 73, ○
- 463 Complete Mitochondrial Genome and Phylogenetic Position of *Chirolophis wui* (Perciformes: Stichaeidae). **2023**, 8, 165 ○
- 462 Virome diversity of *Hyalomma dromedarii* ticks collected from camels in the United Arab Emirates. **2023**, 439-448 ○
- 461 The NLRomes of *Zea mays* NAM founder lines and *Zea luxurians* display presence-absence variation, integrated domain diversity, and mobility. ○
- 460 Two additional *Colletotrichum* species causing leaf spot of rambutan (*Nephelium lappaceum*). **2023**, 56, 349-362 ○
- 459 One of the Deepest Genera of Antipatharia: Taxonomic Position Revealed and Revised. **2023**, 15, 436 ○

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- 457 *Croceibacterium selenioxidans* sp. nov., isolated from seleniferous soil. **2023**, 73, ○
- 456 Bacterial Metal-Scavengers Newly Isolated from Indonesian Gold Mine-Impacted Area: *Bacillus altitudinis* MIM12 as Novel Tools for Bio-Transformation of Mercury. ○
- 455 Noteworthy record of edible *Agaricus* (Agaricaceae) from western ghats, India. ○
- 454 Diversity of HLA-A2-Restricted and Immunodominant Epitope Repertoire of Human T-Lymphotropic Virus Type 1 (HTLV-1) Tax Protein: Novel Insights among N-Terminal, Central and C-Terminal Regions. **2023**, 13, 545 ○
- 453 *Salinibacterium sedimenticola* sp. nov., Isolated from Tidal Flat Sediment. **2023**, 80, ○
- 452 The complete mitochondrial genome of *Anthrenus museorum* (Coleoptera: Bostrichiformia: Dermestidae) from China. **2023**, 8, 405-409 ○
- 451 Hiat1 as a new transporter involved in ammonia regulation. **2023**, 13, ○
- 450 The highly conserved stem-loop II motif is dispensable for SARS-CoV-2. ○
- 449 Spatial Patterns of Species Diversity of Amphibians in a Nature Reserve in Eastern China. **2023**, 12, 461 ○
- 448 Genome-wide identification and expression analysis of the U-box E3 ubiquitin ligase gene family related to salt tolerance in sorghum (*Sorghum bicolor* L.). 14, ○
- 447 Comprehensive molecular characterization of complete mitogenome assemblies of 33 *Eimeria* isolates infecting domestic chickens. **2023**, 16, ○
- 446 Recombinant Fusion Protein Vaccine Containing *Clostridioides difficile* FliC and FliD Protects Mice against *C. difficile* Infection. **2023**, 91, ○
- 445 Resistance in pea (*Pisum sativum*) genetic resources to the pea aphid, *Acyrtosiphon pisum*. ○
- 444 The complete mitochondrial genome of *Hyotissa sinensis* (Bivalvia, Ostreoida) indicates the genetic diversity within Gryphaeidae. 11, ○
- 443 *Micromonospora thermarum* sp. nov., an actinobacterium isolated from hot spring soil. **2023**, 205, ○
- 442 Isolation, characterization and identification of cellulose-degrading bacteria for composting of agro-wastes. ○
- 441 Phylogenetic trees, conserved motifs and predicted subcellular localization for transcription factor families in pearl millet. **2023**, 16, ○

- 440 Genetic Diversity in Oilseed and Vegetable Mustard (*Brassica juncea* L.) Accessions Revealed by Nuclear and Mitochondrial Molecular Markers. **2023**, 13, 919 ○
- 439 High Andean Steppes of Southern Chile Contain Little-Explored *Peltigera* Lichen Symbionts. **2023**, 9, 372 ○
- 438 Status of virus and phytoplasma diseases in carrot growing areas of Ankara and Konya provinces, Turkey. **2023**, 56, 363-383 ○
- 437 Complete mitochondrial genome sequence and annotation of *Rhinogobius lentiginis* (Gobiiformes: Gobiidae: Gobionellinae). **2023**, 8, 418-421 ○
- 436 Globisporangium and Pythium Species Associated with Yield Decline of Pyrethrum (*Tanacetum cinerariifolium*) in Australia. **2023**, 12, 1361 ○
- 435 Isolation and molecular characterization of *Fusarium* species (Fungi, Ascomycota) from unhatched eggs of *Caretta caretta* in Tuscany (Italy). 747-755 ○
- 434 A critical role for ecdysone response genes in regulating egg production in adult female *Rhodnius prolixus*. **2023**, 18, e0283286 ○
- 433 Genotypic Characterization of Infectious Spleen and Kidney Necrosis Virus (ISKNV) in Southeast Asian Aquaculture. **2023**, 2023, 1-16 ○
- 432 BEAR1, a bHLH transcription factor, controls seedling growth by regulating gibberellins biosynthesis in rice. **2023**, ○
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- 430 *Phoxinus abanticus*, a new species from the Lake Abant drainage in Türkiye (Teleostei: Leuciscidae). ○
- 429 Phytolith Content Negatively Affects Forage Quality of *Eragrostis curvula* (Schrad.) Nees. **2023**, 13, 924 ○
- 428 New Finding of Eggs and *Leptocephalus* for *Muraenesox cinereus* off Jeju Island, Korea and Its Relation to Environmental Variables. **2023**, 11, 655 ○
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- 426 Use of an Arboretum and DNA Barcoding for the Detection and Identification of Leaf-Mining Insects on Alien Woody Plants. **2023**, 14, 641 ○
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- 424 The gut microbiota of tropical marine fish is largely uncultured and distinct from surrounding water microbiota. ○
- 423 *Insulambacter thermoxylianivorax* sp. nov., a thermophilic xylanolytic bacterium isolated from compost. **2023**, 73, ○

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- 421 Genome-wide identification and characterization of lipoxygenase genes related to the English grain aphid infestation response in wheat. **2023**, 257, ○
- 420 Intraspecific Comparative Analysis Reveals Genomic Variation of *Didymella arachidicola* and Pathogenicity Factors Potentially Related to Lesion Phenotype. **2023**, 12, 476 ○
- 419 Morphological and molecular investigations shed light on diversity and distribution of Palmariaceae in the north-western Pacific. 1-19 ○
- 418 Isolation and characterisation of novel *Methanocorpusculum* species indicates the genus is ancestrally host-associated. **2023**, 21, ○
- 417 Identification, molecular characterization and risk factors of *Theileria* infection among sheep: a first comprehensive report from North India. 1-13 ○
- 416 Genetic Characterization and Insular Habitat Enveloping of Endangered Leaf-Nosed Bat, *Hipposideros nicobarulae* (Mammalia: Chiroptera) in India: Phylogenetic Inference and Conservation Implication. **2023**, 14, 765 ○
- 415 Two Complete Mitochondrial Genomes of *Leptobrachium* (Anura: Megophryidae: Leptobrachiinae): Characteristics, Population Divergences, and Phylogenetic Implications. **2023**, 14, 768 ○
- 414 Chemical Synthesis of a Polyvinylpyrrolidone-Capped Silver Nanoparticle and Its Antimicrobial Activity against Two Multidrug-Resistant *Aeromonas* Species. **2023**, 2023, 1-9 ○
- 413 Detection of Selected Canine Viruses in Nigerian Free-Ranging Dogs Traded for Meat Consumption. **2023**, 13, 1119 ○
- 412 Yeast associated with flower longicorn beetle *Leptura ochraceofasciata* (Cerambycidae: Lepturinae), with implication for its function in symbiosis. **2023**, 18, e0282351 ○
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- 410 Identification and Analysis of the Catalase Gene Family Response to Abiotic Stress in *Nicotiana tabacum* L.. **2023**, 13, 936 ○
- 409 *Sida chlorotic leaf virus*: a new recombinant begomovirus found in non-cultivated plants and *Cucumis sativus* L. 11, e15047 ○
- 408 The Cytomegalovirus M35 Protein Modulates Transcription of *Irfnb1* and Other IRF3-Driven Genes by Direct Promoter Binding. ○
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- 404 Evolutionary dynamics of Usutu virus: Worldwide dispersal patterns and transmission dynamics in Europe. 14, ○
- 403 Heavy Metal Pollution Impacts Soil Bacterial Community Structure and Antimicrobial Resistance at the Birmingham 35th Avenue Superfund Site. **2023**, 11, ○
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- 400 Reproductive Strategy of the Annual Fish *Leptopanchax Opalescens* (Rivulidae) and Trade-Off Between Egg Size and Maximum Body Length in Temporary Wetlands. **2023**, 43, ○
- 399 Lost characters and lost taxonomists: *Coelocarteriidae* fam. nov., *Poecilosclerida* with and without chelae, to accommodate supposed phloeodictyids (*Haplosclerida*). **2023**, 37, 192-210 ○
- 398 Genetic diversity and bioinformatic analysis in the L1 gene of HPV genotypes 31, 33, and 58 circulating in women with normal cervical cytology. **2023**, 18, ○
- 397 A new short brown unpatterned moray eel (*Anguilliformes*, *Muraenidae*) from the southeast coast of India, Bay of Bengal. **2023**, 99, 253-260 ○
- 396 Isolation and characterization of bioactive metabolites of *Bacillus enclensis* CARE-V7 strain from southeast coast of India. ○
- 395 Occurrence of *Phytophthora nicotianae* causing collar and root rot disease of *Chrysanthemum* in India. **2023**, 24, 217-224 ○
- 394 Longitudinal antigenic and seroepidemiological analyses of parechovirus A1 in Yamagata, Japan. **2023**, 95, ○
- 393 Association of High and Low Molecular Weight Glutenin Subunits with Gluten Strength in Tetraploid Durum Wheat (*Triticum turgidum* spp. *Durum* L.). **2023**, 12, 1416 ○
- 392 Real-time PCR assay for detection of Environmental DNA from *Chironex yamaguchii*. **2023**, 74, 13-20 ○
- 391 Protein Kinase PoxMKK1 Regulates Plant-Polysaccharide-Degrading Enzyme Biosynthesis, Mycelial Growth and Conidiation in *Penicillium oxalicum*. **2023**, 9, 397 ○
- 390 Coevolutionary analysis of the *Philopteroides* Mey, 2004 (*Phthiraptera*: *Ischnocera*) parasitizing bulbuls (*Passeriformes*: *Pycnonotidae*). 11, ○
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- 384 Peeping into Mitochondrial Diversity of Andaman Goats: Unveils Possibility of Maritime Transport with Diversified Geographic Signaling. **2023**, 14, 784 ○
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- 381 Non-Invasive Wildlife Disease Surveillance Using Real Time PCR Assays: The Case of the Endangered *Galemys pyrenaicus* Populations from the Central System Mountains (Extremadura, Spain). **2023**, 13, 1136 ○
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- 379 *Qipengyuania spongiae* sp. nov., isolated from marine sponge *Cinachyrella kuekenthali*. **2023**, 73, ○
- 378 *Streptococcus agalactiae* Serotype VII, an Emerging Pathogen Affecting Snakeskin Gourami (*Trichogaster pectoralis*) in Intensive Farming. **2023**, 2023, 1-13 ○
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- 374 Endemic lineages of spiny frogs demonstrate the biogeographic importance and conservational needs of the Hindu Kush-Himalaya region. ○
- 373 Three unrelated chemoreceptors provide *Pectobacterium atrosepticum* with a broad-spectrum amino acid sensing capability. ○
- 372 Genomic analysis of *Vibrio harveyi* strain PH1009, a potential multi-drug resistant pathogen due to acquisition of toxin genes. **2023**, 9, e14926 ○
- 371 Proposed taxonomic revision of *Giardia duodenalis*. **2023**, 111, 105430 ○
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- 369 Comparison of in vitro Antifungal Activity Methods Using Extract of Chitinase-producing *Aeromonas* sp. BHC02. **2023**, 42, 125-134 ○

- 368 Whitish truffles found in Finland: soil characteristics, and identification based on morphological and molecular properties. **2023**, 205, ○
- 367 Structural Modeling and Functional Evaluation of Pectate Lyase Protein from *Prunus armeniaca*. ○
- 366 Genomic-proteomic analysis of a novel *Bacillus thuringiensis* strain: toxicity against two lepidopteran pests, abundance of Cry1Ac5 toxin, and presence of InhA1 virulence factor. **2023**, 205, ○
- 365 The survival of *Amblyomma sculptum* ticks upon blood-feeding depends on the expression of an inhibitor of apoptosis protein. **2023**, 16, ○
- 364 Phylogeny-guided genome mining of roseocin family lantibiotics to generate improved variants of roseocin. **2023**, 13, ○
- 363 Clavarioid fungi from Brazil: novelties in *Clavulina* (Cantharellales). **2023**, 22, ○
- 362 Fine mapping and candidate gene analysis of CaFCD1 affecting cuticle biosynthesis in *Capsicum annuum* L.. **2023**, 136, ○
- 361 A deeper insight into the sialome of male and female *Culex quinquefasciatus* mosquitoes. **2023**, 24, ○
- 360 Genome-wide identification of the TIFY family reveals JAZ subfamily function in response to hormone treatment in *Betula platyphylla*. **2023**, 23, ○
- 359 Scaffold-Scaffold Interaction Facilitates Cell Polarity Development in *Caulobacter crescentus*. ○
- 358 Insights into the catalytic mechanism of a type I sulfide quinone oxidoreductase (SQR) from *Acidithiobacillus caldus*. ○
- 357 Addition of three new lineages in *Mycosphaerellaceae*: *Neoacervuloseptoria* gen. nov., *Neocercospora* gen. nov. and *Neoramulariopsis* gen. nov.. **2023**, 22, ○
- 356 The garden asparagus (*Asparagus officinalis* L.) mitochondrial genome revealed rich sequence variation throughout whole sequencing data. 14, ○
- 355 Assembly, Characterization, and Phylogenetic Relationships of Mitogenomes of Two Species of Mexican Trout (*Oncorhynchus chrysogaster* and *O. mykiss nelsoni*). **2023**, 8, 178 ○
- 354 A conserved RWP-RK transcription factor VSR1 controls gametic differentiation in volvocine algae. ○
- 353 Discovery of SNP Molecular Markers and Candidate Genes Associated with Sacbrood Virus Resistance in *Apis cerana cerana* Larvae by Whole-Genome Resequencing. **2023**, 24, 6238 ○
- 352 Antibiotic Resistance and Genetic Variability of *Acinetobacter* spp. from Wastewater Treatment Plant in Kokšov-Bakš (Košice, Slovakia). **2023**, 11, 840 ○
- 351 A Cold Case of Equine Influenza Disentangled with Nanopore Sequencing. **2023**, 13, 1153 ○

- 350 Repertoire of P-glycoprotein drug transporters in the zoonotic nematode *Toxocara canis*. **2023**, 13, ○
- 349 Small Ruminant Piroplasmiasis: High Prevalence of *Babesia* *aktasi* n. sp. in Goats in Türkiye. **2023**, 12, 514 ○
- 348 Autochthonous Transmission of the Indomalayan Parasite, *Transversotrema patialense*, in the Caribbean: Molecular, Morphological, and Experimental Evidence. ○
- 347 Transposable elements in the transcriptome of the velvetbean caterpillar *Anticarsia gemmatilis* Hübner, 1818 (Lepidoptera: Erebidae). ○
- 346 Single-cell genetic models to evaluate orphan gene function: The case of QQS regulating carbon and nitrogen allocation. 14, ○
- 345 Unravelling the epidemiological diversity of Zika virus by analyzing key protein variations. **2023**, 168, ○
- 344 Retrospective Detection and Phylogenetic Analysis of Cachavirus-Related Parvoviruses in Dogs in China. **2023**, 2023, 1-8 ○
- 343 Divergent allele advantage in the MHC and amphibian emerging infectious disease. **2023**, 105429 ○
- 342 Phylogeographic analysis of the Japanese wild boar (<i>Sus scrofa leucomystax</i>). **2023**, 51, 19-26 ○
- 341 Identification and characterization of siderophilic biocontrol strain SL-44 combined with whole genome. ○
- 340 Comparative Omics-Based Identification and Expression Analysis of a Two-Component System in *Vigna radiata* in Drought Stress. **2023**, 13, 989 ○
- 339 Elucidating SNP-Based Population Structure and Genetic Diversity of *Bruguiera gymnorhiza* (L.) Savigny in Thailand. **2023**, 14, 693 ○
- 338 New Data on the Distribution of the Bulgarian Spined Loach *Cobitis strumicae* (Teleostei: Cobitidae) in Türkiye. ○
- 337 Phenotypic variations among *Laudakia stellio* populations in Anatolia: Colour, colour pattern, and phylogeny (Reptilia: Agamidae). 1-19 ○
- 336 Genetic diversity and evidence of recombination of Horsegram yellow mosaic virus infecting pole bean (*Phaseolus vulgaris* L.) from South India. ○
- 335 Low Genetic Diversity of Vector-Borne Haemoparasites in Dogs and Their Ticks Revealed Local and Long-Range Transmission in Peninsular Malaysia. **2023**, 46, ○
- 334 Preliminary in silico Analysis of CHS1 Gene in Commelinids Clade: Family Zingiberaceae, Costaceae, and Poaceae. **2023**, 46, ○
- 333 Diversity of RNA editing in chloroplast transcripts across three main plant clades. **2023**, 309, ○

- 332 A new cryptic species of *Brazilozoros* Kukalova-Peck & Peck, 1993 from French Guiana (Zoraptera, Spiralizoridae). **2023**, 45, ○
- 331 Culturable Endophyte Fungi of the Well-Conserved Coastal Dune Vegetation Located on the East Coast of the Korean Peninsula. **2023**, 11, 734 ○
- 330 In-depth study of tomato and weed viromes reveals undiscovered plant virus diversity in an agroecosystem. **2023**, 11, ○
- 329 Identification of Bacterial Strains and Development of an mRNA-Based Vaccine to Combat Antibiotic Resistance in *Staphylococcus aureus* via In Vitro and In Silico Approaches. **2023**, 11, 1039 ○
- 328 Genome-Transcriptome Transition Approaches to Characterize Anthocyanin Biosynthesis Pathway Genes in Blue, Black and Purple Wheat. **2023**, 14, 809 ○
- 327 Chicken Astro virus (CAstV): Isolation and characterization of new strains in broiler flocks with poor performance. ○
- 326 Pathogenicity of *Aeromonas hydrophila* in High-value Native *Pangasius* Catfish, *Pangasius nasutus* (Bleeker). **2023**, 46, ○
- 325 Preliminary in silico Analysis of CHS1 Gene in Commelinids Clade: Family Zingiberaceae, Costaceae, and Poaceae. **2023**, 46, ○
- 324 Low Genetic Diversity of Vector-Borne Haemoparasites in Dogs and Their Ticks Revealed Local and Long-Range Transmission in Peninsular Malaysia. **2023**, 46, ○
- 323 Screening, isolation and biotechnological potentials of foodborne *Lactobacillus fermentum* strains MT903311 and MT903312. **2023**, 9, e14959 ○
- 322 Identification of two novel polygalacturonase-inhibiting proteins (PGIPs) and their genomic reorganization in chickpea (*Cicer arietinum*). ○
- 321 Ribosomal DNA Sequence-Based Taxonomy and Antimicrobial Activity of *Prorocentrum* spp. (Dinophyceae) from Mauritius Coastal Waters, South-West Indian Ocean. **2023**, 21, 216 ○
- 320 Metal-Driven Anaerobic Oxidation of Methane as an Important Methane Sink in Methanic Cold Seep Sediments. **2023**, 11, ○
- 319 Pathogenicity of *Aeromonas hydrophila* in High-value Native *Pangasius* Catfish, *Pangasius nasutus* (Bleeker). **2023**, 46, ○
- 318 Piroplasms in farmed American bison, *Bison bison* from Romania. 10, ○
- 317 Comparison of different DNA preparatory methods for development of a universal direct PCR-RFLP workflow for identification of meat origin in food products. 43, ○
- 316 İzmir ilinde domates ve biber bitkilerini etkileyen tomato spotted wilt virus (TSWV) ve cucumber mosaic virus (CMV) etmenlerinin moleküler karakterizasyonu. **2023**, 60, 67-79 ○
- 315 Isolation and Characterization of the Genes Involved in the Berberine Synthesis Pathway in Asian Blue Cohosh, *Caulophyllum robustum*. **2023**, 12, 1483 ○

- 314 New Zealand isolates from snow of the widespread algal genus *Raphidonema* assigned to a single species. 1-12 ○
- 313 The complete mitochondrial genome of *Peleteria iavana* (Diptera, Tachinidae) in Guizhou, China, and its phylogenetic placement. **2023**, 8, 466-470 ○
- 312 Description of a Novel Fish Pathogen, *Plesiomonas shigelloides* subsp. *oncorhynchi*, Isolated from Rainbow Trout (*Oncorhynchus mykiss*): First Genome Analysis and Comparative Genomics. **2023**, 8, 179 ○
- 311 A Study of the Metabolic Profiles of *Penicillium dimorphosporum* KMM 4689 Which Led to Its Re-identification as *Penicillium hispanicum*. **2023**, 9, 337 ○
- 310 Genome Characterization and Infectivity Potential of Vibriophage- ϕ LV6 with Lytic Activity against Luminescent Vibrios of *Penaeus vannamei* Shrimp Aquaculture. **2023**, 15, 868 ○
- 309 Morphological and molecular detection of myxosporean parasites in freshwater fish in Myanmar. ○
- 308 Techno-economic comparative analysis of hybrid renewable energy systems with and without battery energy storage system. 1-27 ○
- 307 Molecular Evolution Study of *PdeFTL1*, a FT/TFL1-Like Gene from *Pinus densiflora*, for Flowering Control. ○
- 306 Genetic analysis of the interaction between G and R loci involved in the determination of bulb colors in onion (*Allium cepa* L.). ○
- 305 The structure of the tetraploid sour cherry *Schattenmorelle* (*Prunus cerasus* L.) genome reveals insights into its segmental allopolyploid nature. ○
- 304 *Diddensiella parasantjacobensis* f.a., sp. nov., a yeast species from forest habitats. **2023**, 73, ○
- 303 Dynamics of the rice yellow mottle disease in western Burkina Faso: epidemic monitoring, spatio-temporal variation of viral diversity and pathogenicity in a disease hotspot. ○
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- 301 Seed-borne *Curvularia lunata* deteriorating seed health and germination of soybean. ○
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- 298 Conservation Genetics of the Critically Endangered Southern River Terrapin (*Batagur affinis*) in Malaysia: Genetic Diversity and Novel Subspecies Distribution Ranges. **2023**, 12, 520 ○
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- 296 Identification and genetic diversity of grapevine virus L in Greece. **2023**, 168, ○
- 295 Exploration of Piezo Channels in Bread Wheat (*Triticum aestivum* L.). **2023**, 13, 783 ○
- 294 Structure and Evolution of the AqE Gene in Insects. **2023**, 57, 47-60 ○
- 293 First Identification of Fig Virus A and Fig Virus B in *Ficus carica* in Italy. **2023**, 12, 1503 ○
- 292 *Meretrix taiwanica* (Bivalvia: Veneridae), a previously misidentified new species in Taiwan. 1-10 ○
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- 290 Molecular phylogeny of the snorkel snail *Rhiostoma housei*, a species complex from Thailand with descriptions of three new species. **2023**, 37, 211-229 ○
- 289 *Sphingomonas cremaea* sp. nov., isolated from ginseng soil. **2023**, 73, ○
- 288 In-silico identification and characterization of O-methyltransferase gene family in peanut (*Arachis hypogaea* L.) reveals their putative roles in development and stress tolerance. 14, ○
- 287 Complete genome analysis of African swine fever virus genotypes II, IX and XV from domestic pigs in Tanzania. **2023**, 13, ○
- 286 Genome-Wide Analysis of Aquaporins in Japanese Morning Glory (*Ipomoea nil*). **2023**, 12, 1511 ○
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- 265 *Flavobacterium pygoscelis* sp. nov., isolated from a chinstrap penguin chick (*Pygoscelis antarcticus*). **2023**, 73,
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- 263 Fingerprinting of Plum (*Prunus domestica*) Genotypes in Lithuania Using SSR Markers. **2023**, 12, 1538
- 262 Discovery of a new exotic cactus, *Opuntia megapotamica* Arechav. (Cactaceae) in South Africa using molecular data..
- 261 Back to the Roots: *Agrobacterium* -Specific Phages Show Potential to Disinfect Nutrient Solution from Hydroponic Greenhouses.

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- 257 Morphological and genetic variability in cosmopolitan tardigrade species - *Paramacrobiotus fairbanksi* Schill, Ffster, Dandekar & Wolf, 2010. ○
- 256 In Silico Analysis and Immune Response of YaeT Protein Against *Riemerella anatipestifer* in Ducks. ○
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- 254 New Insights into the Variation and Admixture of the Cave-Dwelling Spider *Trogloneta yunnanensis* in South China Karst. **2023**, 13, 1244 ○
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- 251 Comprehensive genomic analysis of hypocholesterolemic probiotic *Enterococcus faecium* LR13 reveals unique proteins involved in cholesterol-assimilation. 10, ○
- 250 Identification and pathogenicity of *Nigrospora sphaerica* and *Curvularia penniseti* associated with leaf spot disease of cowpea (*Vigna unguiculata* (L.) Walp.) in Nigeria. **2023**, 56, 397-409 ○
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- 248 Speleomycology of Air in Stopiã Cave (Serbia). ○
- 247 Glutathione S-Transferase (GST) Identified from Giant Kelp *Macrocystis pyrifera* Increases the Copper Tolerance of *Synechococcus elongatus* PCC 7942. ○
- 246 Description of the Three Complete Mitochondrial Genomes of Click Beetles (Coleoptera, Elateridae) with Phylogenetic Implications. **2023**, 3, 204-220 ○
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- 244 Genome-Wide Identification and Analysis Uncovers the Potential Role of JAZ and MYC Families in Potato under Abiotic Stress. **2023**, 24, 6706 ○
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- 242 Mitochondrial genome of *Poecilimon cretensis* (Orthoptera: Tettigoniidae: Phaneropterinae): Strong phylogenetic signals in gene overlapping regions. **2023**, 5263, 141-147 ○
- 241 Antennal transcriptomic analysis of carboxylesterases and glutathione S-transferases associated with odorant degradation in the tea gray geometrid, *Ectropis grisescens* (Lepidoptera, Geometridae). 14, ○
- 240 Integrative taxonomy supports one rather than several species of *Palingenia* in South-Eastern Europe (Insecta, Ephemeroptera, Palingeniidae). **2023**, 90, 296-306 ○
- 239 First report of *Spirometra* (Eucestoda; Diphyllbothriidae) naturally occurring in a fish host. 70, ○
- 238 The complete mitochondrial genome of *Spurilla braziliana* MacFarland 1909 (Nudibranchia, Aeolidiidae). ○
- 237 The first molecular confirmation of *Culex pipiens* complex as potential natural vectors of *Dirofilaria immitis* in Myanmar. ○
- 236 Cryptic marine barriers to gene flow in a vulnerable coastal species, the dugong (*Dugong dugon*). ○
- 235 Parasitic infection in the scyphozoan *Rhizostoma pulmo* (Macri, 1778). **2023**, 13, ○
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- 233 *Bacteroides rhinocerotis* sp. nov., isolated from the fresh feces of rhinoceros in Beijing Zoo. **2023**, 205, ○
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- 228 Description of the first species of *Scutigereilla* (Symphyla, Scutigereillidae) from China, with mitogenomic and genetic divergence analysis. 1157, 145-161 ○
- 227 New Sulfur-Containing Diketopiperazine from Marine-Derived Bacteria *Streptomyces rochei* sp. 81 with Potent Carbonic Anhydrase II Inhibition. ○
- 226 Exploring the presence and characteristics of spiny eels (Mastacembelidae, Teleostei) in the Nile Delta: An analysis of morphology, molecular phylogeny, and taxonomy. **2023**, ○
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- 221 Cnidarian pharyngeal nervous system illustrates prebilaterian neurosecretory regulation of feeding. ○
- 220 Physicochemical Properties, Heavy Metal Composition, and Metal Resistant Microorganisms Associated with Gold Mine Tailings in Jebba, Nigeria. 1-12 ○
- 219 Phylogenetic Analysis of the Economically Important Hymenopterans using cytochrome oxidase 1 Enzyme Sequences. **2023**, 20, 109-119 ○
- 218 Population Genetics of Manila Clam (*Ruditapes philippinarum*) in China Inferred from Microsatellite Markers. **2023**, 12, 557 ○
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- 211 Genetic Variability and Connectivity in the Western Mediterranean Populations of the Bathyal Crab *Geryon longipes*. **2023**, 15, 534 ○
- 210 A new trapdoor spider of *Cyclocosmia* Ausserer, 1871 from southern China (Araneae, Halonoproctidae). 11, ○
- 209 Study of tick-borne zoonotic pathogens in questing and feeding ticks in Tenerife, Canary Islands, Spain. **2023**, 48, ○
- 208 PHAs production by facultative anaerobic bacteria *Bacillus cereus* FM5 through submerged and solid-state fermentation under anoxic condition. ○
- 207 *Stenomitos nagquensis* sp. nov. (Leptolyngbyaceae, Cyanobacteria) from a Meadow Wetland in the Tibet Plateau: A Novel Species Studied Based on a Polyphasic Approach. **2023**, 15, 536 ○

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- 205 Description of *Agathobaculum massiliense* sp. nov., a new bacterial species prevalent in the human gut and predicted to produce indole and tryptophan based on genomic analysis. ○
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- 200 Isolation and Genomic Characteristics of Cat-Borne *Campylobacter felis* sp. nov. and Sheep-Borne *Campylobacter ovis* sp. nov. **2023**, 11, 971 ○
- 199 The effect of barium and strontium on activity of glucoamylase QsGH97a from *Qipengyuania seohaensis* SW-135. **2023**, 13, ○
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- 194 A *Brachypodium distachyon* calcineurin B-like protein-interacting protein kinase, BdCIPK26, enhances plant adaption to drought and high salinity stress. **2023**, 47, 1145-1158 ○
- 193 Finger Millet (*Eleusine coracana*) Plant-Endophyte Dynamics: Plant Growth, Nutrient Uptake, and Zinc Biofortification. **2023**, 11, 973 ○
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- 191 Gene cloning and characterization of a vanadium-dependent bromoperoxidase from the red alga *Laurencia saitoi*, a producer of brominated diterpenoids and triterpenoids. ○
- 190 Genetic variation and population structure of a widely distributed damselfly (*Ischnura senegalensis*). ○
- 189 Genome-Wide Identification and Transcriptome-Based Expression Profile of Cuticular Protein Genes in *Antheraea pernyi*. **2023**, 24, 6991 ○

- 188 Odd family reunion: DNA barcoding reveals unexpected relationship between three hydrozoan species. 11, e15118 ○
- 187 Chlorophyll a Synthesis in *Rhodobacter sphaeroides* by Chlorophyll Synthase of *Nicotiana tabacum*. **2023**, 12, 573 ○
- 186 Genetic Heterogeneity and Mutated PreS Analysis of Duck Hepatitis B Virus Recently Isolated from Ducks and Geese in China. **2023**, 13, 1282 ○
- 185 Baseline study of the morphological and genetic characteristics of *Haemoproteus* parasites in wild pigeons (*Columba livia*) from paddy fields in Thailand. **2023**, ○
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- 183 Convergent evolutionary shifts in rhodopsin retinal release explain shared opsin repertoires in monotremes and crocodylians. **2023**, 290, ○
- 182 Valorization of Wastewater from the Beverage Industry for Polyhydroxyalkanoate Production with Its Improved Applicability to Agricultural Use. **2023**, 234, ○
- 181 Description of two new species of *Dicranomyia* (*Erostrata*) crane fly (Diptera, Limoniidae) from Korea, with remarks on DNA barcoding and updated taxonomic key. 1157, 193-206 ○
- 180 Effect of seasonality on the amino acid and monosaccharide profile from the green seaweed *Ulva lactuca* cultivated in plastic sleeves onshore (Mikhmoret, Israel). ○
- 179 *Vibrio paucivorans* sp. nov. and *Vibrio qingdaonensis* sp. nov., two marine bacteria. **2023**, 73, ○
- 178 Development of plastic-degrading microbial consortia by induced selection in microcosms. 14, ○
- 177 Genome-wide identification and expression profiling of snakin/GASA genes under drought stress in barley (*Hordeum vulgare* L.). **2023**, 13, ○
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- 175 Large-scale phage cultivation for commensal human gut bacteria. **2023**, 31, 665-677.e7 ○
- 174 Complete genome sequence of zoysia mosaic virus, a novel member of the genus Poacevirus. **2023**, 168, ○
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- 171 *Vibrio harveyi* in a Caribbean spiny lobster (*Panulirus argus*) with hepatopancreas necrosis. 030098582311647 ○

- 170 Insights into Regulating Mechanism of Mutagenesis Strains of *Elizabethkingia meningoseptica* sp. F2 by Omics Analysis. **2023**, 80, ○
- 169 Genome-wide investigation of ARF transcription factor gene family and its responses to abiotic stress in *Coix* (*Coix lacryma-jobi* L.). ○
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- 167 A conserved hymenopteran-specific family of cytochrome P450s protects bee pollinators from toxic nectar alkaloids. **2023**, 9, ○
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- 165 Mutation of *CsARC6* affects fruit color and increases fruit nutrition in cucumber. **2023**, 136, ○
- 164 First record of *Rhipicephalus* (*Boophilus*) *microplus* in Ghana, a potential risk to livestock production. ○
- 163 *Amesia hispanica* sp. nov., Producer of the Antifungal Class of Antibiotics Dactylfungins. **2023**, 9, 463 ○
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- 158 A novel interdomain consortium from a Costa Rican oil well composed of *Methanobacterium cahuitense* sp. nov. and *Desulfomicrobium aggregans* sp. nov.. **2023**, 205, ○
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- 156 Phylogenetic relationship and comparative analysis of the main *Bupleuri Radix* species in China. 11, e15157 ○
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- 153 Characterizing the *Wolbachia* infection in field-collected *Culicidae* mosquitoes from Hainan Province, China. **2023**, 16, ○

- 152 Potential Impacts of Clove Essential Oil Nanoemulsion as Bio Fungicides against *Neoscytalidium* Blight Disease of *Carum carvi* L.. **2023**, 13, 1114 ○
- 151 A new extremophile ostracod crustacean from the Movile Cave sulfidic chemoautotrophic ecosystem in Romania. **2023**, 13, ○
- 150 Characterization of a novel *Plasmodium falciparum* merozoite surface antigen and potential vaccine target. 14, ○
- 149 Phylogenetic Relationships of the Pseudogobionini Group (Teleostei: Cyprinidae) with Selection Pressure Analyses to Genes of Mitochondrial Genome. **2023**, 8, 201 ○
- 148 Gibberellin 2-Oxidases in Potato (*Solanum tuberosum* L.): Cloning, Characterization, In Silico Analysis and Molecular Docking. ○
- 147 Effect of Green Synthesized ZnO-NPs on Growth, Antioxidant System Response and Bioactive Compound Accumulation in *Echinops macrochaetus*, a Potential Medicinal Plant, and Assessment of Genome Size (2C DNA Content). **2023**, 12, 1669 ○
- 146 Detection of the Xanthi Chryso-like Virus in New Geographical Area and a Novel Arthropod Carrier. **2023**, 8, 225 ○
- 145 Serological, biological and molecular characterization of viruses causing mosaic diseases on cabbage (*Brassica sp* L.) in Central Ethiopia. ○
- 144 *Lasiodiplodia theobromae* and *Neoscytalidium dimidiatum* associated with grafted walnut (*Juglans regia* L.) decline in Turkey. ○
- 143 Systematic Analysis of NRAMP Family Genes in *Areca catechu* and Its Response to Zn/Fe Deficiency Stress. **2023**, 24, 7383 ○
- 142 Revision of the family Sargassaceae (Fucales, Phaeophyceae) from Kuwait (Arabian / Persian Gulf, NW Indian Ocean) based on analysis of morphology and ITS2 sequences. **2023**, 80, 3-20 ○
- 141 Potential of ferritin 2 as an antigen for the development of a universal vaccine for avian mites, poultry red mites, tropical fowl mites, and northern fowl mites. 10, ○
- 140 *Pseudomonas* Acts as a Reservoir of Novel Tigecycline Resistance Efflux Pump *tmexC6D6-toprJ1b* and *tmexCD-toprJ* Variants. ○
- 139 Intrahost Genetic Diversity of Dengue Virus in Human Hosts and Mosquito Vectors under Natural Conditions Which Impact Replicative Fitness In Vitro. **2023**, 15, 982 ○
- 138 *TcbHLH14* a Jasmonate Associated MYC2-like Transcription Factor Positively Regulates Pyrethrin Biosynthesis in *Tanacetum cinerariifolium*. **2023**, 24, 7379 ○
- 137 Sporadic occurrence of haemosporidian parasites in two species of marsh terns. ○
- 136 Uniparental Inheritance and Recombination as Strategies to Avoid Competition and Combat Muller's Ratchet among Mitochondria in Natural Populations of the Fungus *Amanita phalloides*. **2023**, 9, 476 ○
- 135 Domesticating *Vigna stipulacea*: Chromosome-Level genome assembly reveals *VsPSAT1* as a candidate gene decreasing hard-seededness. 14, ○

- 134 Whole-genome sequencing of *Paracoccus* species isolated from the healthy human eye and description of *Paracoccus shanxiensis* sp. nov. **2023**, 73, ○
- 133 *Aeromonas veronii* Is a Lethal Pathogen Isolated from Gut of Infected *Labeo rohita*: Molecular Insight to Understand the Bacterial Virulence and Its Induced Host Immunity. **2023**, 12, 598 ○
- 132 Increased Clinical Signs and Mortality in IFNAR(1) Mice Immunised with the Bluetongue Virus Outer-Capsid Proteins VP2 or VP5, after Challenge with an Attenuated Heterologous Serotype. **2023**, 12, 602 ○
- 131 Diversity of *Crenosoma* species in mustelids with the first molecular characterization of *C. melesi* and *C. petrowi*. 10, ○
- 130 The Major Histocompatibility Complex modulates *Batrachochytrium* dendrobatidis and *Ranavirus* infections in three amphibian species. ○
- 129 Rich but morphologically problematic: an integrative approach to taxonomic resolution of the genus *Neosporichis* (Trematoda: Schistosomatoidea). **2023**, ○
- 128 Genome-wide identification of GH9 gene family and the assessment of its role during fruit abscission zone formation in *Vaccinium ashei*. ○
- 127 Outbreak report of polymyxin-carbapenem-resistant *Klebsiella pneumoniae* causing untreatable infections evidenced by synergy tests and bacterial genomes. **2023**, 13, ○
- 126 Cutavirus on the skin in an Asian cohort: identification of a novel geographically related genotype. **2023**, 20, ○
- 125 Genome-wide identification and co-expression network analysis of *Aux/IAA* gene family in *Salvia miltiorrhiza*. 11, e15212 ○
- 124 Systematics and evolutionary history of the genus *Micromys* (Mammalia: Rodentia: Muridae). ○
- 123 Comparative mitogenomic and evolutionary analysis of *Lycaenidae* (Insecta: Lepidoptera): Potential association with high-altitude adaptation. 14, ○
- 122 First report of the enset root mealybug *Paraputo ensete* (Williams & Matile-Ferrero) (Hem.: Pseudococcidae) on banana in Ethiopia. ○
- 121 Population genetics comparison of *Lilioceris cheni* (Coleoptera: Chrysomelidae) colonies released onto *Dioscorea bulbifera* in Southeastern U.S.A.. 1-19 ○
- 120 Morpho-anatomical, and chemical characterization of some calcareous Mediterranean red algae species. **2023**, 64, ○
- 119 Co-occurrence of two ascomycete endophytes as the specialized metabolite production partners in *Rheum spiciforme* Royle. ○
- 118 Heterologous Expression and Characterization of *ToxA1* haplotype from India and its interaction with *Tsn1* for Spot Blotch Susceptibility in spring wheat. ○
- 117 The Complete Chloroplast Genomes of *Gynostemma* Reveal the Phylogenetic Relationships of Species within the Genus. **2023**, 14, 929 ○

- 116 The Characteristics of Buprofezin Resistant Bacteria From Cassava Rhizosphere. **2023**, 373-382 ○
- 115 Genome-wide characterization of major latex protein gene family in peanut and expression analyses under drought and waterlogging stress. **2023**, 14, ○
- 114 Preliminary study on glyphosate-degrading bacteria isolated from agricultural soil. **2023**, 12, 100368 ○
- 113 Metabolic specialization drives reduced pathogenicity in *Pseudomonas aeruginosa* CF clinical isolates. ○
- 112 Genetic characterization of the zoonotic parasite *Ancylostoma caninum* in the central and eastern United States. **2023**, 97, ○
- 111 Effects of high-salinity on the expression of aquaporins and ion transport-related genes in Chinese shrimp (*Fenneropenaeus chinensis*). **2023**, 30, 101577 ○
- 110 Morphological and molecular characterization of *Trichuris muris* (Nematoda: Trichuridae): studies from two commensal rodent species. **2023**, 97, ○
- 109 Characterization of the complete mitochondrial genome of *Culex vishnui* (Diptera: Culicidae), one of the major vectors of Japanese encephalitis virus. ○
- 108 Isolation and characterization of vB_SenS_Ib_psk2 bacteriophage against drug-resistant *Salmonella enterica* serovar Kentucky. ○
- 107 High prevalence of colistin heteroresistance in specific species and lineages of *Enterobacter cloacae* complex derived from human clinical specimens. ○
- 106 Unbiased analyses of ITS folding motifs in a taxonomically confusing lineage: *Anagnostidinema visiae* sp. nov. (CYANOBACTERIA). ○
- 105 Advancing the knowledge of the nematode *Echinocephalus pseudouncinatus* (Gnathostomatidae, Spirurida): morphological and molecular identification, new host, and host specificity in two coexisting pen shells (Bivalvia: Pinnidae). **2023**, 107923 ○
- 104 The first recent case of *Cimex hemipterus* (Hemiptera: Cimicidae) with super-kdr mutations in the Republic of Korea. ○
- 103 Detection of a Diverse Endophyte Assemblage within Fungal Communities Associated with the Arundo Leaf Miner, *Lasioptera donacis* (Diptera: Cecidomyiidae). **2023**, 15, 571 ○
- 102 Genomic insight of sulfate reducing bacterial genus *Desulfofaba* reveals their metabolic versatility in biogeochemical cycling. **2023**, 24, ○
- 101 Genetic analysis of global faba bean diversity, agronomic traits and selection signatures. **2023**, 136, ○
- 100 Characterization of Three Novel IMP Metallo-β-Lactamases, IMP-89, IMP-91, and IMP-96, and Diverse bla IMP -Carrying Accessory Genetic Elements from Chinese Clinical Isolates. ○
- 99 The Ketogenic Diet but not Hydroxycitric Acid Keeps Brain Mitochondria Quality Control and mtDNA Integrity Under Focal Stroke. ○

- 98 Identification and expression analysis of SQUAMOSA promoter-binding protein (SBP) genes in mungbean. ○
- 97 A new *Bolitoglossa* (Amphibia, Caudata, Plethodontidae) from the Cordillera Oriental of Colombia. 1158, 27-48 ○
- 96 Molecular phylogeny of the genus *Dorometra* Clark, 1917 (Crinoidea: Comatulida: Antedonidae): a new genus and new insights for future taxonomic revisions of Antedonidae. **2023**, 21, ○
- 95 Atypical flavobacteria recovered from diseased fish in the Western United States. 13, ○
- 94 Tribal assignment of the genus *Eumera* Staudinger, 1892, using multi-gene analysis, with description of a new species from Iran (Lepidoptera: Geometridae: Ennominae). **2023**, 5270, 92-104 ○
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- 92 The Complete Chloroplast Genomes of Nine Smilacaceae Species from Hong Kong: Inferring Intra- and Inter-Familial Phylogeny. **2023**, 24, 7460 ○
- 91 Circulation of HDV Genotypes in Brazil: Identification of a Putative Novel HDV-8 Subgenotype. ○
- 90 The second phantom aquatic leaf beetle in Japan: *Macrolea mutica* rediscovery in the wetlands (Coleoptera: Chrysomelidae). **2023**, 26, ○
- 89 *Aridibaculum aurantiacum* gen. nov., sp. nov., isolated from the Kumtag Desert soil. **2023**, 73, ○
- 88 Using DNA barcodes to test the association of sexes and morphs in *Calodesma* spp. (Lepidoptera, Erebiidae, Arctiinae, Arctiini, Pericopina) of Trinidad, West Indies, with an overview of the genus, taxonomic changes and a new species. **2023**, 5270, 231-261 ○
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- 86 Description of four new *Medeopteryx* Ballantyne (Coleoptera, Lampyridae, Luciolinae) species from Thailand and their phylogenetic placements based on mitochondrial DNA. **2023**, 102084 ○
- 85 PARETT: A Python Package for the Automated Retrieval and Management of Divergence Time Data from the TimeTree Resource for Downstream Analyses. ○
- 84 Vector competence evaluation of mosquitoes for Tahyna virus PJ01 strain, a new Orthobunyavirus in China. 14, ○
- 83 pathology, epidemiology, and phylogeny of mussel egg disease due to the microsporidian (Field, 1924) in the Mediterranean mussel (*Mytilus*). **2023**, 107927 ○
- 82 Brewed in the African pot: the phylogeography of the toothed barnacle *Chthamalus dentatus* (Chthamaloidea: Chthamalidae). 1-15 ○
- 81 Phylogeny and classification of Endromidae (Lepidoptera: Bombycoidea) based on mitochondrial genomes. 81, 395-408 ○

- 80 *Brenneria bubanii* sp. nov., isolated from decaying plant tissues. **2023**, 73, ○
- 79 *Wolbachia* infection in native populations of *Blattella germanica* and *Periplaneta americana*. **2023**, 18, e0284704 ○
- 78 Genome-Wide Identification and Expression Analysis of NCED Gene Family in Pear and Its Response to Exogenous Gibberellin and Paclobutrazol. **2023**, 24, 7566 ○
- 77 A biotroph sets the stage for a necrotroph to play: *Candidatus Phytoplasma solani* infection of sugar beet facilitated *Macrophomina phaseolina* root rot. 14, ○
- 76 *Spirosoma oryzicola* sp. nov., isolated from dried rice husk. **2023**, 73, ○
- 75 *Aeoliella straminimaris* sp. nov., a novel member of the phylum Planctomycetota with an unusual filamentous structure. **2023**, 73, ○
- 74 Seasonal variations in cyanophage communities in the coastal waters of Kuwait. **2023**, ○
- 73 In vitro biochemical characterization and identification of hemolytic bacteria associated with life history of *Culicoides peregrinus* (Diptera: Ceratopogonidae), a vector of bluetongue virus. ○
- 72 Comprehensive analysis and expression profiles of the AP2/ERF gene family during spring bud break in tea plant (*Camellia sinensis*). **2023**, 23, ○
- 71 A-to-I RNA Editing in *Klebsiella pneumoniae* Regulates Quorum Sensing and Affects Cell Growth and Virulence. ○
- 70 Resistance screening and in silico characterization of cloned novel RGA from multi-race resistant lentil germplasm against *Fusarium wilt* (*Fusarium oxysporum* f. sp. *lentis*). 14, ○
- 69 Using genomics, morphometrics, and environmental niche modeling to test the validity of a narrow-range endemic snail, *Patera nantahala* (Gastropoda, Polygyridae). 1158, 91-120 ○
- 68 A first attempt to track genetic signature of the colonization of the Mediterranean basin by the pigmy white-toothed shrew, *Suncus etruscus* (Eulipotyphla, Soricidae). ○
- 67 A survey of the genes encoding trehalose-metabolism enzymes in crustaceans. **2023**, 43, ○
- 66 Red biocolorant from endophytic *Talaromyces minnesotensis*: production, properties, and potential applications. ○
- 65 Mapping of the AgPPur gene for the purple petiole in celery (*Apium graveolens* L.). **2023**, 317, 112042 ○
- 64 *Tahibacter harae* sp. nov., isolated from pig farm soil in Guangdong, PR China. **2023**, 73, ○
- 63 *Shewanella septentrionalis* sp. nov. and *Shewanella holmiensis* sp. nov., isolated from Baltic Sea water and sediments. **2023**, 73, ○

- 62 A DBHS family member regulates male determination in the filariasis vector *Armigeres subalbatus*. **2023**, 14, ○
- 61 Novel *Anaplasma* (Rickettsiales: Anaplasmataceae) strain and *Hepatozoon* sp. cf. *H. procyonis* (Apicomplexa, Hepatozoidae) detected in *Procyon cancrivorus* (Carnivora, Procyonidae) from Argentina, with note of tick-host association. ○
- 60 Nematode and Strepsipteran Parasitism in Bait-Trapped and Hand-Collected Hornets (Hymenoptera, Vespidae, Vespa). **2023**, 14, 398 ○
- 59 A new small-celled naviculoid diatom species, *Mayamaea pannonica* sp. nov. (Bacillariophyceae) from soda pans in Serbia. 1-9 ○
- 58 Low level of HIV-1C integrase strand transfer inhibitor resistance mutations among recently diagnosed ART-naive Ethiopians. **2023**, 13, ○
- 57 Host-Specific Diversity of Culturable Bacteria in the Gut Systems of Fungus-Growing Termites and Their Potential Functions towards Lignocellulose Bioconversion. **2023**, 14, 403 ○
- 56 *Rhizopus homothallicus*, an emerging pathogen causing cavitory lung lesions. **2023**, 5, ○
- 55 The genus *Pupa* Rđing, 1798 (Mollusca, Gastropoda, Acteonidae) in New Caledonia with notes on Recent species. **2023**, 5270, 471-506 ○
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- 53 Molecular detection of spotted fever group of Rickettsiae in acute encephalitis syndrome cases from eastern Uttar Pradesh region of India. ○
- 52 PbrATL18, an E3 ubiquitin ligase identified by genome-wide identification, is a positive factor in pear resistance to drought and *Colletotrichum fructicola* infection. **2023**, ○
- 51 Cardiac performance and heart gene network provide dynamic responses of bay scallop *Argopecten irradians* irradians exposure to marine heatwaves. **2023**, 163594 ○
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- 47 Some Physciaceae lichens from Pakistan. **2023**, 2023, ○
- 46 Insights into the evolutionary history of Diestramimini cave crickets (Orthoptera, Rhaphidophoridae). ○
- 45 Molecular Characterization of Germin-like Protein Genes in *Zea mays* (ZmGLPs) Using Various In Silico Approaches. **2023**, 8, 16327-16344 ○

- 44 Understanding Antioxidant Abilities of Dihydroxybenzenes: Local and Global Electron Transfer Properties. **2023**, 11, 88 ○
- 43 First detection and genome analysis of simple nosed bat polyomaviruses in Central Europe. **2023**, 112, 105439 ○
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- 41 First record of *Tanaorhinus viridiluteata* Walker, 1861 (Lepidoptera: Geometridae: Geometrinae) from Mizoram, India. **2023**, 15, 23075-23082 ○
- 40 *Pestalotiopsis trachycarpicola* causes leaf spot disease on blueberry in Santa Catarina, Brazil. **2023**, 18, ○
- 39 Low Genetic Diversity in the Highly Morphologically Diverse *Sida fallax* Walp. (Malvaceae) Throughout the Pacific1. **2023**, 76, ○
- 38 Diversification of South American Didelphid Marsupials. **2023**, 1-35 ○
- 37 Diet of a threatened rattlesnake (eastern massasauga) revealed by DNA metabarcoding. **2023**, 13, ○
- 36 Description of *Cylindrospermum solincola* sp. nov. from Jammu and Kashmir, India and Further Insights into the Ecological Distribution and Morphological Attributes of *Cylindrospermum badium*. **2023**, 15, 592 ○
- 35 EAACI Molecular Allergology User's Guide 2.0. **2023**, 34, ○
- 34 Morphology and molecular phylogeny of the marine diatom genus *Nagumoea* (Bacillariophyceae) from Japan. ○
- 33 GWAS reveals novel loci and identifies a pentatricopeptide repeat-containing protein (CsPPR) that improves low temperature germination in cucumber. 14, ○
- 32 Development of Chloroplast Microsatellite Markers and Evaluation of Genetic Diversity and Population Structure of Cutleaf Groundcherry (*Physalis angulata* L.) in China. **2023**, 12, 1755 ○
- 31 Mitochondrial Genome Uncovered Hidden Genetic Diversity in *Microdous chalmersi* (Teleostei: Odontobutidae). **2023**, 8, 228 ○
- 30 How prebiotic complexity increases through Darwinian evolution. **2023**, 34, 100456 ○
- 29 Complete mitochondrial genomes of the *Arcmaeidae* limpets provide new insights into the internal phylogeny of the Patellogastropoda (Mollusca: Gastropoda). 10, ○
- 28 The first report of the non-indigenous *Chydorus brevilabris* Frey, 1980 (Crustacea: Cladocera) in Asian freshwaters. ○
- 27 Deep genetic divergences and geographic distribution of the red algal genus *Caulacanthus* (Gigartinales). 10, ○

- 26 Identity of the true *Micraspis discolor* (Fabricius) (Coleoptera, Coccinellidae) with illustrated diagnostic notes on other *Micraspis* spp. in Indian paddy fields. **2023**, 5271, 446-476 ○
- 25 Molecular Characterization and Phylogenetic Analysis of Dengue Fever Viruses in Three Outbreaks in Tanzania Between 2017 and 2019. **2023**, 17, e0011289 ○
- 24 A Universal and Efficient Detection of Chytridiomycosis Infections in Amphibians Using Novel Quantitative PCR Markers. **2023**, 2023, 1-9 ○
- 23 *Stenophysa marmorata* (Mollusca: Physidae) as an Intermediate Host of a Snake Trematode of the Family Reniferidae in Brazil. **2023**, 109, ○
- 22 Polycyclic aromatic hydrocarbon (PAH) biodegradation capacity revealed by a genome-function relationship approach. **2023**, 18, ○
- 21 Thermoprotection by a cell membrane-localized metacaspase in a green alga. ○
- 20 Transcription elongation factors OsSPT4 and OsSPT5 are essential for rice growth and development and act with APO2. ○
- 19 Prevalence of rotavirus group A and associated genotypes detected in calves in Southern Highlands and Eastern Tanzania. **2023**, 17, 114-122 ○
- 18 Adaptive Selection in the Evolution of Aquaglyceroporins in Mammals. ○
- 17 NLRP7 participates in the human subcortical maternal complex and its variants cause female infertility characterized by early embryo arrest. ○
- 16 Detection of long terminal repeat loci derived from endogenous retrovirus in junglefowl using whole-genome sequencing. **2023**, 13, ○
- 15 Management of Fusarium Wilt Disease of Maize (*Zea mays* L.) with Selected Antimycotic Plant Extracts and Inhibitory Bacillus Strains. **2023**, 80, ○
- 14 In silico analysis of mutations associated with genetic variability of the strain African cassava mosaic virus (ACMV) in three departments of Cote d'Ivoire. **2023**, 15, 13-20 ○
- 13 Plant defensin gene PfpPDF2 from *Perilla frutescens* confers high-level resistance to *Alternaria brassicae* and *Botrytis cinerea* in *Brassica napus*. ○
- 12 Function and molecular mechanism of a poplar placenta limited MIXTA gene in regulating differentiation of plant epidermal cells. **2023**, 242, 124743 ○
- 11 Genotypic and phenotypic uniformity among the population of *Pectobacterium atrosepticum* strains isolated during three growing seasons from potato fields in Poland. ○
- 10 HB26, a member of HD-Zip I subfamily, is involved in the regulation of hydrolysable tannin biosynthesis in the cupules of *Quercus variabilis* by transactivation of UGT84A13. **2023**, 200, 116866 ○
- 9 Whole-Genome Analysis of *Bordetella pertussis* MT27 Isolates from School-Associated Outbreaks: Single-Nucleotide Polymorphism Diversity and Threshold of the Outbreak Strains. ○

- 8 *Leucobacter allii* sp. nov. and *Leucobacter rhizosphaerae* sp. nov., isolated from rhizospheres of onion and garlic, respectively. **2023**, 73, ○
- 7 *Maliibacterium massiliense* gen. nov. sp. nov., Isolated from Human Feces and Proposal of *Maliibacteriaceae* fam. nov.. **2023**, 80, ○
- 6 *Antribacter soli* sp. nov., a novel actinobacterium isolated from soils of weathering dolomite. **2023**, 73, ○
- 5 Magnesium chelatase subunit D is not only required for chlorophyll biosynthesis and photosynthesis, but also affecting starch accumulation in *Manihot esculenta* Crantz. **2023**, 23, ○
- 4 Chromatic polymorphism in *Trichomycterus jacupiranga* from eastern Brazilian Coastal basins (Siluriformes: Trichomycteridae). **2023**, 5285, 360-372 ○
- 3 Modulation of Anthocyanin Biosynthesis-Related Genes during the Ripening of *Olea europaea* L. cvs *Carolea* and *Tondina* Drupes in Relation to Environmental Factors. **2023**, 24, 8770 ○
- 2 Molecular and morphological approaches redefine the limits among polymorphic species in the Neotropical longhorn beetle genus, *Myzomorphus* Sall[†](Coleoptera: Cerambycidae: Prioninae). **2023**, 5285, 252-270 ○
- 1 Morphological and molecular characterisation of *Tristoma integrum* Diesing, 1850 (Monogenea, Capsalidae), including its complete mitogenome. **2023**, 30, 16 ○