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2244	Multiple sequence alignment with Clustal X. <b>1998</b> , 23, 403-5		2255
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2069	The Src/Csk regulatory circuit arose early in metazoan evolution. <b>2000</b> , 19, 3925-30	26
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2052	Lipase engineering database: Understanding and exploiting sequenceEtructureEunction relationships. <b>2000</b> , 10, 491-508	133
2051	Detection of Tricholoma matsutake by specific ITS primers. <b>2000</b> , 104, 1427-1430	25
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2049	Evidence of domain swapping within the jumonji family of transcription factors. <b>2000</b> , 25, 274-6	89
2048	Towards a structural understanding of Friedreich's ataxia: the solution structure of frataxin. <b>2000</b> , 8, 695-707	127
2047	Insights into class D beta-lactamases are revealed by the crystal structure of the OXA10 enzyme from Pseudomonas aeruginosa. <b>2000</b> , 8, 1289-98	120
2046	Evolution of parental ITS regions of nuclear rDNA in allopolyploid Aegilops (Poaceae) species. <b>2000</b> , 133, 1-7	20
2045	Cloning, sequencing and expression of the gene that encodes the major neutralisation-specific antigen of African horsesickness virus serotype 9. <b>2000</b> , 86, 41-53	7
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2042	Species differences in peroxisome proliferation; mechanisms and relevance. <b>2000</b> , 448, 201-12	41
2041	DNA evidence that Ostertagia gruehneri and Ostertagia arctica (Nematoda: ostertagiinae) in reindeer from Norway and Svalbard are conspecific. <b>2000</b> , 30, 655-8	33
2040	Identification by polymerase chain reaction (PCR) of Marshallagia marshalli and Ostertagia gruehneri from Svalbard reindeer. <b>2000</b> , 30, 863-6	23

2039	Dnop56, a Drosophila gene homologous to the yeast nucleolar NOP56 gene. <b>2000</b> , 109, 275-82	2
2038	Taxonomic and phylogenetic analysis of Saprolegniaceae (Oomycetes) inferred from LSU rDNA and ITS sequence comparisons. <b>2000</b> , 77, 369-77	61
2037	Heme centers of Rhodothermus marinus respiratory chain. Characterization of its cbb3 oxidase. <b>2000</b> , 32, 143-52	29
2036	Common elements of spiroplasma plectroviruses revealed by nucleotide sequence of SVTS2. <b>2000</b> , 20, 47-56	19
2035	Comparative analysis of the granulin regions of the Phthorimaea operculella and Spodoptera littoralis granuloviruses. <b>2000</b> , 21, 147-55	20
2034	Herpesvirus Homologues of Cellular Genes. <b>2000</b> , 21, 65-75	30
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2032	Characterization of a beta-1,3-glucanase encoded by chlorella virus PBCV-1. <b>2000</b> , 276, 27-36	51
2031	Satellite and defective RNAs of Cryphonectria hypovirus 3-grand haven 2, a virus species in the family Hypoviridae with a single open reading frame. <b>2000</b> , 276, 181-9	33
2030	Transcriptional analysis of the ribonucleotide reductase genes of shrimp white spot syndrome virus. <b>2000</b> , 277, 92-9	64
2029	Identification and characterization of a shrimp white spot syndrome virus (WSSV) gene that encodes a novel chimeric polypeptide of cellular-type thymidine kinase and thymidylate kinase. <b>2000</b> , 277, 100-10	69
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2003	Functional expression of the human hZIP2 zinc transporter. <b>2000</b> , 275, 5560-4	254
2002	Phylogenomic analysis of 16S rRNA:(guanine-N2) methyltransferases suggests new family members and reveals highly conserved motifs and a domain structure similar to other nucleic acid amino-methyltransferases. <b>2000</b> , 14, 2365-8	37
2001	The cysteine-rich protein A from Helicobacter pylori is a beta-lactamase. <b>2000</b> , 275, 17693-9	27
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1996	Cultivation and in situ detection of a thermophilic bacterium capable of oxidizing propionate in syntrophic association with hydrogenotrophic methanogens in a thermophilic methanogenic granular sludge. <b>2000</b> , 66, 3608-15	100
1995	Peroxisomal targeting signal-1 receptor protein PEX5 from Leishmania donovani. Molecular, biochemical, and immunocytochemical characterization. <b>2000</b> , 275, 13637-44	42
1994	In Lactobacillus plantarum, carbamoyl phosphate is synthesized by two carbamoyl-phosphate synthetases (CPS): carbon dioxide differentiates the arginine-repressed from the pyrimidine-regulated CPS. <b>2000</b> , 182, 3416-22	26
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1988	Cloning and characterization of the murine glucosamine-6-phosphate acetyltransferase EMeg32. Differential expression and intracellular membrane association. <b>2000</b> , 275, 12821-32	43
1987	Secreted and membrane attractin result from alternative splicing of the human ATRN gene. <b>2000</b> , 97, 6025-30	66
1986	Inhibitory serpins from wheat grain with reactive centers resembling glutamine-rich repeats of prolamin storage proteins. Cloning and characterization of five major molecular forms. <b>2000</b> , 275, 33272-9	98

1985	The role of histidines in the acetate kinase from Methanosarcina thermophila. <b>2000</b> , 275, 33765-70	24
1984	Biosynthesis of ganglioside mimics in Campylobacter jejuni OH4384. Identification of the glycosyltransferase genes, enzymatic synthesis of model compounds, and characterization of nanomole amounts by 600-mhz (1)h and (13)c NMR analysis. <b>2000</b> , 275, 3896-906	209
1983	Evolutionary trace analysis of TGF-beta and related growth factors: implications for site-directed mutagenesis. <b>2000</b> , 13, 839-47	122
1982	Relationships of Nematodirus species and Nematodirus battus isolates (Nematoda: Trichostrongyloidea) based on nuclear ribosomal DNA sequences. <b>2000</b> , 86, 588-601	46
1981	Amino acid-based phylogeny and alignment. <b>2000</b> , 54, 99-135	4
1980	SURVEY AND SUMMARY: holliday junction resolvases and related nucleases: identification of new families, phyletic distribution and evolutionary trajectories. <i>Nucleic Acids Research</i> , <b>2000</b> , 28, 3417-32	257
1979	FHX, a novel fork head factor with a dual DNA binding specificity. <b>2000</b> , 275, 12909-16	31
1978	Comparative analysis of secondary structure of insect mitochondrial small subunit ribosomal RNA using maximum weighted matching. <i>Nucleic Acids Research</i> , <b>2000</b> , 28, 3839-45	41
1977	The amino acid/polyamine/organocation (APC) superfamily of transporters specific for amino acids, polyamines and organocations. <b>2000</b> , 146 ( Pt 8), 1797-1814	220
1976	ADEPTs: information necessary for subcellular distribution of eukaryotic sorting isozymes resides in domains missing from eubacterial and archaeal counterparts. <i>Nucleic Acids Research</i> , <b>2000</b> , 28, 383-92	13
1975	A viral member of the ERV1/ALR protein family participates in a cytoplasmic pathway of disulfide bond formation. <b>2000</b> , 97, 12068-73	117
1974	The high resolution crystal structure for class A beta-lactamase PER-1 reveals the bases for its increase in breadth of activity. <b>2000</b> , 275, 28075-82	55
1973	Molecular characterization of the first two enzymes of the pentose-phosphate pathway of Trypanosoma brucei. Glucose-6-phosphate dehydrogenase and 6-phosphogluconolactonase. <b>2000</b> , 275, 27559-65	67
1972	Phylogenetic relationships in Taxodiaceae and Cupressaceae sensu stricto based on matK gene, chlL gene, trnL-trnF IGS region, and trnL intron sequences. <b>2000</b> , 87, 1480-1488	93
1971	Phylogenetic analysis of Silphium and subtribe Engelmanniinae (Asteraceae: Heliantheae) based on ITS and ETS sequence data. <b>2000</b> , 87, 565-572	60
1970	Patterns of diversity among SINE elements isolated from three Y-chromosome genes in carnivores. <b>2000</b> , 17, 825-9	32
1969	Evolution of the Gypsy endogenous retrovirus in the Drosophila melanogaster subgroup. <b>2000</b> , 17, 908-14	47
1968	Origin and evolution of the regulatory gene male-specific lethal-3. <b>2000</b> , 17, 1240-50	43

1967	Sequence analysis of transposable elements in the sea squirt, Ciona intestinalis. 2000, 17, 1685-94	40
1966	Phylogenetic Analysis, Organization, and Molecular Evolution of the Nontranscribed Spacer of 5S Ribosomal RNA Genes inCorylus(Betulaceae). <b>2000</b> , 161, 793-806	21
1965	Phylogeny and biogeography of Eupatorium (Asteraceae: Eupatorieae) based on nuclear ITS sequence data. <b>2000</b> , 87, 716-726	53
1964	Consistency of SINE insertion topology and flanking sequence tree: quantifying relationships among cetartiodactyls. <b>2000</b> , 17, 1417-24	34
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1959	Turkey and chicken interleukin-2 cross-react in in vitro proliferation assays despite limited amino acid sequence identity. <b>2000</b> , 20, 161-70	33
1958	Limited heterogeneity of HIV type 1 in infected mothers correlates with lack of vertical transmission. <b>2000</b> , 16, 1481-9	16
1957	Identification of rpaP1-5 and rpaP2-6 genes encoding two additional variants of the 60S acidic ribosomal proteins of Schizosaccharomyces pombe. <b>2000</b> , 43, 205-7	1
1956	Heat shock protein 80 of Neurospora crassa: sequence analysis of the gene and expression during the asexual phase. <b>2000</b> , 46, 981-91	10
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1954	Two Drosophila innexins are expressed in overlapping domains and cooperate to form gap-junction channels. <b>2000</b> , 11, 2459-70	69
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1952	Poised for contagion: evolutionary origins of the infectious abilities of invertebrate retroviruses. <b>2000</b> , 10, 1307-18	236
1951	Stability of Borrelia burgdorferi bdr loci in vitro and in vivo. <b>2000</b> , 68, 1727-30	6
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1948	Molecular evidence supports an african affinity of the neotropical freshwater gastropod, Biomphalaria glabrata, say 1818, an intermediate host for Schistosoma mansoni. <b>2000</b> , 267, 2351-8		44
1947	Whole-genome trees based on the occurrence of folds and orthologs: implications for comparing genomes on different levels. <b>2000</b> , 10, 808-18		115
1946	The monophyletic origin of freshwater crayfish estimated from nuclear and mitochondrial DNA sequences. <b>2000</b> , 267, 1679-86		119
1945	Identification of a serine hydrolase which cleaves the alicyclic ring of tetralin. 2000, 182, 5448-53		33
1944	The role of the membrane-spanning domain of type I signal peptidases in substrate cleavage site selection. <b>2000</b> , 275, 38813-22		49
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1942	A gene cluster involved in metal homeostasis in the cyanobacterium Synechocystis sp. strain PCC 6803. <b>2000</b> , 182, 1507-14		85
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1930	A domain with homology to neuronal calcium sensors is required for calcium-dependent activation of diacylglycerol kinase alpha. <b>2000</b> , 275, 34092-9		41
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1928	MEROPS: the peptidase database. <i>Nucleic Acids Research</i> , <b>2000</b> , 28, 323-5	20.1	97
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1926	Vascular endothelial junction-associated molecule, a novel member of the immunoglobulin superfamily, is localized to intercellular boundaries of endothelial cells. <b>2000</b> , 275, 19139-45		178
1925	Bacterial-type DNA holliday junction resolvases in eukaryotic viruses. <b>2000</b> , 97, 8926-31		84
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1921	Characterization of ABCB9, an ATP binding cassette protein associated with lysosomes. <b>2000</b> , 275, 2328	7-94	77
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1914	Characterization of P69E and P69F, two differentially regulated genes encoding new members of the subtilisin-like proteinase family from tomato plants. <b>2000</b> , 122, 67-74		50

1913	Identification, purification, and molecular cloning of a putative plastidic glucose translocator. <b>2000</b> , 12, 787-802	189
1912	Cloning and expression of cytochrome P450 genes belonging to the CYP4 family and to a novel family, CYP48, in two hymenopteran insects, Trichogramma cacoeciae and Apis mellifera. <b>2000</b> , 268, 677-82	13
1911	Characterization of five novel human genes in the 11q13-q22 region. <b>2000</b> , 273, 90-4	10
1910	islet reveals segmentation in the Amphioxus hindbrain homolog. <b>2000</b> , 220, 16-26	89
1909	The Caenorhabditis elegans Ldb/NLI/Clim orthologue ldb-1 is required for neuronal function. <b>2000</b> , 226, 45-56	21
1908	The MHC class II-associated chicken invariant chain shares functional properties with its mammalian homologs. <b>2000</b> , 259, 360-9	16
1907	Fungal transporters involved in efflux of natural toxic compounds and fungicides. 2000, 30, 1-15	253
1906	Characterization of the human and mouse HEY1, HEY2, and HEYL genes: cloning, mapping, and mutation screening of a new bHLH gene family. <b>2000</b> , 66, 195-203	70
1905	Conservation and variation in superantigen structure and activity highlighted by the three-dimensional structures of two new superantigens from Streptococcus pyogenes. <b>2000</b> , 299, 157-68	64
1904	Modeling of the TCR-MHC-peptide complex. <b>2000</b> , 300, 1205-35	30
1903	Drosophila stretchin-MLCK is a novel member of the Titin/Myosin light chain kinase family. <b>2000</b> , 300, 759-77	46
1902	A TOPRIM domain in the crystal structure of the catalytic core of Escherichia coli primase confirms a structural link to DNA topoisomerases. <b>2000</b> , 300, 353-62	88
1901	Microbial genome analyses: comparative transport capabilities in eighteen prokaryotes. <b>2000</b> , 301, 75-100	243
1900	FHX.L and FHX.S, two isoforms of the human fork-head factor FHX (FOXJ2) with differential activity. <b>2000</b> , 301, 795-806	13
1899	The mammalian Rab family of small GTPases: definition of family and subfamily sequence motifs suggests a mechanism for functional specificity in the Ras superfamily. <b>2000</b> , 301, 1077-87	375
1898	Crystal structure of NADH-dependent ferredoxin reductase component in biphenyl dioxygenase. <b>2000</b> , 304, 397-410	83
1897	Structure of the PHD zinc finger from human Williams-Beuren syndrome transcription factor. <b>2000</b> , 304, 723-9	129
1896	The evolution of anural larvae in molgulid ascidians. <b>2000</b> , 11, 419-26	45

1895	Molecular phylogenetics of circumglobal Euphausia species (Euphausiacea: Crustacea). <b>2000</b> , 57, 51-58	19
1894	Detection of TT virus DNA in liver biopsies by in situ hybridization. <b>2000</b> , 156, 1227-34	42
1893	Nonlinear methods in the analysis of protein sequences: a case study in rubredoxins. <b>2000</b> , 78, 136-49	54
1892	Homology modelling of the DNA 5mC methyltransferase M.BssHII. Is permutation of functional subdomains common to all subfamilies of DNA methyltransferases?. <b>2000</b> , 27, 195-204	6
1891	Primary structural features of the 20S proteasome subunits of rice (Oryza sativa). <b>2000</b> , 250, 61-6	27
1890	Putative telomerase catalytic subunits from Giardia lamblia and Caenorhabditis elegans. <b>2000</b> , 251, 101-8	55
1889	Walking into the unknown: a 'step down' PCR-based technique leading to the direct sequence analysis of flanking genomic DNA. <b>2000</b> , 253, 145-50	58
1888	A transcript encoding a proteasome beta-subunit and a zinc finger protein in Trypanosoma brucei brucei. <b>2000</b> , 255, 43-50	8
1887	Phylogenetic analysis of teneurin genes and comparison to the rearrangement hot spot elements of E. coli. <b>2000</b> , 257, 87-97	51
1886	Genetic structure and functional implication of the fcb gene cluster for hydrolytic dechlorination of 4-chlorobenzoate from Pseudomonas sp. DJ-12. <b>2000</b> , 258, 109-16	28
1885	Evolutionary history of the enolase gene family. <b>2000</b> , 259, 129-38	38
1884	Evolution of heteromorphic sex chromosomes in the order Aulopiformes. <b>2000</b> , 259, 25-30	16
1883	The late stage of genetic code structuring took place at a high temperature. <b>2000</b> , 261, 189-95	43
1882	H3 receptor gene is cloned at last. <b>2000</b> , 21, 11-2	47
1881	Peptides and genes coding for scorpion toxins that affect ion-channels. <b>2000</b> , 82, 861-8	240
1880	Molecular cloning and expression of a type-two somatostatin receptor in goldfish brain and pituitary. <b>2000</b> , 166, 75-87	33
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1877	Cholesterol modification of proteins. <b>2000</b> , 1529, 188-202	85
1876	Novel p19 protein engages IL-12p40 to form a cytokine, IL-23, with biological activities similar as well as distinct from IL-12. <b>2000</b> , 13, 715-25	2176
1875	BCAP: the tyrosine kinase substrate that connects B cell receptor to phosphoinositide 3-kinase activation. <b>2000</b> , 13, 817-27	228
1874	Structure and function of Cdc6/Cdc18: implications for origin recognition and checkpoint control. <b>2000</b> , 6, 637-48	193
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1869	Mutagenic analysis of Thr-232 in rhodanese from Azotobacter vinelandii highlighted the differences of this prokaryotic enzyme from the known sulfurtransferases. <b>2000</b> , 472, 307-11	13
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1866	Amyloids protect the silkmoth oocyte and embryo. <b>2000</b> , 479, 141-5	159
1865	EMI, a novel cysteine-rich domain of EMILINs and other extracellular proteins, interacts with the gC1q domains and participates in multimerization. <b>2000</b> , 484, 164-8	86
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1860	An overview of the structures of protein-DNA complexes. <b>2000</b> , 1, REVIEWS001	422

1859	Genotyping of Giardia lamblia isolates from humans in China and Korea using ribosomal DNA Sequences. <b>2000</b> , 86, 887-91	34
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1857	Biosynthesis of isoprenoids via mevalonate in Archaea: the lost pathway. <b>2000</b> , 10, 1468-84	107
1856	Evidence for conserved tRNA genes in the 16S-23S rDNA spacer sequence and two rrn operons of Xylella fastidiosa. <b>2000</b> , 46, 1171-5	6
1855	Phylogenetic analysis of the small subunit ribosomal RNA gene of the hyphochytrid Rhizidiomyces apophysatus. <b>2000</b> , 78, 124-128	4
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1853	Correlations between morphological, molecular biological, and physiological characteristics in clinical and nonclinical isolates of Acanthamoeba spp. <b>2000</b> , 66, 4408-13	145
1852	Structural and kinetic characterization of an archaeal beta-class carbonic anhydrase. <b>2000</b> , 182, 6605-13	46
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1846	ALGINATE LYASE: review of major sources and enzyme characteristics, structure-function analysis, biological roles, and applications. <b>2000</b> , 54, 289-340	485
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1842	Clinical resistance to STI-571 cancer therapy caused by BCR-ABL gene mutation or amplification. <b>2001</b> , 293, 876-80	2666

1841	Phylogeny of Steinernema travassos, 1927 (Cephalobina: Steinernematidae) inferred from ribosomal DNA sequences and morphological characters. <b>2001</b> , 87, 877-89	130
1840	Detection of chitin synthase class I and II type sequences in six different arbuscular mycorrhizal fungi and gene expression in Glomus intraradices. <b>2001</b> , 105, 470-476	9
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1836	New infection with heterotypic hepatitis C virus in a patient with long-term hepatitis C virus eradication. <b>2001</b> , 33, 591-4	6
1835	Analysis of the systematic relationships among ticks of the genera Rhipicephalus and Boophilus (Acari: Ixodidae) based on mitochondrial 12S ribosomal DNA gene sequences and morphological characters. <b>2001</b> , 87, 32-48	254
1834	Characterization of plant growth promoting rhizobacteria isolated from polluted soils and containing 1-aminocyclopropane-1-carboxylate deaminase. <b>2001</b> , 47, 642-52	369
1833	Degenerate PCR-based cloning method for Eph receptors and analysis of their expression in the developing murine central nervous system and vasculature. <b>2001</b> , 20, 203-13	7
1832	A relapsing fever group spirochete transmitted by Ixodes scapularis ticks. <b>2001</b> , 1, 21-34	255
1831	Molecular phylogenetic evidence for a mimetic radiation in Peruvian poison frogs supports a Mlerian mimicry hypothesis. <b>2001</b> , 268, 2415-21	110
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1829	Constant relative rate of protein evolution and detection of functional diversification among bacterial, archaeal and eukaryotic proteins. <b>2001</b> , 2, RESEARCH0053	29
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1827	Extended-spectrum beta-lactamases in the 21st century: characterization, epidemiology, and detection of this important resistance threat. <b>2001</b> , 14, 933-51, table of contents	1699
1826	Reconstructing the eyes of Urbilateria. <b>2001</b> , 356, 1545-63	146
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1819	The Caenorhabditis elegans Six/sine oculis class homeobox gene ceh-32 is required for head morphogenesis. <b>2001</b> , 236, 289-303	36
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1559	Domicile constructing phlaeothripine Thysanoptera from Acacia phyllodes in Australia: Dunatothrips Moulton and Sartrithrips gen.n., with a key to associated genera. <b>2001</b> , 26, 401-419	14
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1557	FastGroup: a program to dereplicate libraries of 16S rDNA sequences. <b>2001</b> , 2, 9	39
1556	Evolution and phylogeny of insect endogenous retroviruses. <b>2001</b> , 1, 3	46
1555	A crucial component of the endoderm formation pathway, CASANOVA, is encoded by a novel sox-related gene. <b>2001</b> , 15, 1487-92	151
1554	Characterization of a tomato xyloglucan endotransglycosylase gene that is down-regulated by auxin in etiolated hypocotyls. <b>2001</b> , 127, 1180-92	70

1553	LEPS2, a phosphorus starvation-induced novel acid phosphatase from tomato. <b>2001</b> , 125, 728-37		131
1552	Iris bulbs express type 1 and type 2 ribosome-inactivating proteins with unusual properties. <b>2001</b> , 125, 866-76		37
1551	Cell cycle regulation of cyclin-dependent kinases in tobacco cultivar Bright Yellow-2 cells. <b>2001</b> , 126, 1214-23		104
1550	Specific association of transcripts of tbzF and tbz17, tobacco genes encoding basic region leucine zipper-type transcriptional activators, with guard cells of senescing leaves and/or flowers. <b>2001</b> , 127, 23-32		39
1549	Species-specific differences in the operational RNA code for aminoacylation of tRNA(Trp). <i>Nucleic Acids Research</i> , <b>2001</b> , 29, 4125-33	20.1	30
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1544	A conserved genetic module that encodes the major virion components in both the coliphage T4 and the marine cyanophage S-PM2. <b>2001</b> , 98, 11411-6		109
1543	Evolution of hematopoiesis: Three members of the PU.1 transcription factor family in a cartilaginous fish, Raja eglanteria. <b>2001</b> , 98, 553-558		50
1542	Structural conservation of neurotropism-associated VspA within the variable Borrelia Vsp-OspC lipoprotein family. <b>2001</b> , 276, 457-63		39
1541	Structural characterization of two aquaporins isolated from native spinach leaf plasma membranes. <b>2001</b> , 276, 1707-14		67
1540	Structure of the tetraspanin main extracellular domain. A partially conserved fold with a structurally variable domain insertion. <b>2001</b> , 276, 40055-64		150
1539	Structure of crystalline D-Tyr-tRNA(Tyr) deacylase. A representative of a new class of tRNA-dependent hydrolases. <b>2001</b> , 276, 47285-90		47
1538	Mycobacterium diversity and pyrene mineralization in petroleum-contaminated soils. <b>2001</b> , 67, 2222-9		115
1537	Requirement for phosphoglucomutase in exopolysaccharide biosynthesis in glucose- and lactose-utilizing Streptococcus thermophilus. <b>2001</b> , 67, 2734-8		73
1536	Plasmodium falciparum homologue of the genes for Plasmodium vivax and Plasmodium yoelii adhesive proteins, which is transcribed but not translated. <b>2001</b> , 69, 3635-45		68

1535	Differential effects of replacing Escherichia coli ribosomal protein L27 with its homologue from Aquifex aeolicus. <b>2001</b> , 183, 6565-72	5
1534	Alphavirus nucleocapsid protein contains a putative coiled coil alpha-helix important for core assembly. <b>2001</b> , 75, 1-10	83
1533	Cloning and characterization of IL-22 binding protein, a natural antagonist of IL-10-related T cell-derived inducible factor/IL-22. <b>2001</b> , 166, 7090-5	197
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1530	Role of nuclear pools of aminoacyl-tRNA synthetases in tRNA nuclear export. <b>2001</b> , 12, 1381-92	72
1529	Comparative analysis of FUR regulons in gamma-proteobacteria. <i>Nucleic Acids Research</i> , <b>2001</b> , 29, 5195-2061	79
1528	Juvenile hormone binding protein and transferrin from Galleria mellonella share a similar structural motif. <b>2001</b> , 382, 1027-37	5
1527	Ribosomal protein gene cluster analysis in eubacterium genomics: homology between Sinorhizobium meliloti strain 1021 and Bacillus subtilis. <i>Nucleic Acids Research</i> , <b>2001</b> , 29, 2747-56	14
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1525	On the origin of and phylogenetic relationships among living amphibians. <b>2001</b> , 98, 7380-3	94
1524	Evolution and characterization of tetraonine endogenous retrovirus: a new virus related to avian sarcoma and leukosis viruses. <b>2001</b> , 75, 2002-9	12
1523	Primary phloem-specific expression of a Zinnia elegans homeobox gene. <b>2001</b> , 42, 1210-8	22
1522	The histone deacetylase genes HDA1 and RPD3 play distinct roles in regulation of high-frequency phenotypic switching in Candida albicans. <b>2001</b> , 183, 4614-25	111
1521	Dissimilatory sulfite reductase (desulfoviridin) of the taurine-degrading, non-sulfate-reducing bacterium Bilophila wadsworthia RZATAU contains a fused DsrB-DsrD subunit. <b>2001</b> , 183, 1727-33	63
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1518	Calexcitin B is a new member of the sarcoplasmic calcium-binding protein family. <b>2001</b> , 276, 22529-36	15

1517	Phylogeny of Amaryllidaceae tribe Amaryllideae based on nrDNA ITS sequences and morphology. <b>2001</b> , 88, 2321-2330	33
1516	Predicting evolutionary potential. I. Predicting the evolution of a lactose-PTS system in Escherichia coli. <b>2001</b> , 18, 1389-400	9
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1489	Identification of 12 new yeast mitochondrial ribosomal proteins including 6 that have no prokaryotic homologues. <b>2001</b> , 276, 15861-7	61
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1485	Phylogenetic evidence for horizontal transfer of mutS alleles among naturally occurring Escherichia coli strains. <b>2001</b> , 183, 1631-44	60
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1483	Diversity and specificity of Frankia strains in nodules of sympatric Myrica gale, Alnus incana, and Shepherdia canadensis determined by rrs gene polymorphism. <b>2001</b> , 67, 2116-22	63
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1476	Quantitative analysis of the effect of phosphoinositide interactions on the function of Dbl family proteins. <b>2001</b> , 276, 45868-75	78
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1464	One ring or two? Determination of ring number in carotenoids by lycopene epsilon-cyclases. <b>2001</b> , 98, 2905-10	159

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595	Composition, Demographic History, and Population Structures of Trichiurus. <b>2022</b> , 9,	0
594	Virulence potential of the first Corynebacterium mycetoides strain isolated from human urine: a rare species of Corynebacterium <b>2022</b> , 105001	O
593	Description and characterization of three endophytic from the halophyte gen. nov., sp. nov. sp. nov. and sp. nov <b>2022</b> , 72,	0
592	Transmission of Drug-Resistant HIV-1 from an Infected Individual to a Caregiver. <b>2007</b> , 12, 1139-1144	1
591	Evaluation of transmitted HIV drug resistance among recently-infected antenatal clinic attendees in four Central African countries. <b>2009</b> , 14, 401-411	33
590	Molecular evidence for existence of a New World begomovirus associated with yellow mosaic disease of Corchorus capsularis in India. <b>2008</b> , 3, 59-62	
589	Development of PCR Primer for Detection of Food Material. <b>2010</b> , 36, 89-94	
588	Purification and Characterization of Wheat Protein Disulfide Isomerase Expressed in <i>Escherichia coli</i>. <b>2011</b> , 37, 173-183	
587	A review of genus Cyrtodactylus (Reptilia: Sauria: Gekkonidae) in fauna of Laos with description of four new species. <b>2014</b> , 318, 391-423	7
586	Prevalence and Response to Antiretroviral Therapy of Non-B Subtypes of HIV in Antiretroviral-Naive Individuals in British Columbia. <b>2002</b> , 7, 31-35	12
585	Mpe1 senses the binding of pre-mRNA and controls 3' end processing by CPF 2022,	0
584	Isolation and Functional Analysis of EPHEMERAL1-LIKE (EPH1L) Genes Involved in Flower Senescence in Cultivated Japanese Gentians. <b>2022</b> , 23, 5608	1
583	A TIL-Type Serine Protease Inhibitor Involved in Humoral Immune Response of Asian Corn Borer Ostrinia furnaculis. <b>2022</b> , 13,	
582	Isolation and Characterization of Phosphate Solubilizing Pseudomonas Species and Their Effect on Plant Growth Promotion. <b>2019</b> , 52, 438-447	

581 species infecting sunflower () in Russia, with the description of two new species.. **2022**, 1-19

580	sp. nov. and sp. nov., isolated from larvae of <b>2022</b> , 72,	1
579	Detection of pyrethroid resistance mutations and intron variants in the voltage-gated sodium channel of Aedes (Stegomyia) aegypti and Aedes (Stegomyia) albopictus mosquitoes from Lao People's Democratic Republic <b>2022</b> ,	1
578	The Novel Amidase PcnH Initiates the Degradation of Phenazine-1-Carboxamide in Sphingomonas histidinilytica DS-9 <b>2022</b> , e0054322	
577	Production, Optimization, and Partial Purification of Alkali-Thermotolerant Proteases from Newly Isolated Bacillus subtilis S1 and Bacillus amyloliquefaciens KSM12. <b>2022</b> , 10, 1050	1
576	Genomic analysis of isopentenyltransferase genes and functional characterization of TaIPT8 indicates positive effects of cytokinins on drought tolerance in wheat. <b>2022</b> ,	1
575	Genome-wide characterization and identification of candidate ERF genes involved in various abiotic stress responses in sesame (Sesamum indicum L.). <b>2022</b> , 22,	0
574	Hyphopichia xiaguanensis f.a., sp. nov., an ascomycetous yeast species isolated from plant leaves. <b>2022</b> , 72,	o
573	Morphology, taxonomy and phylogenetic positions of two Spirogyra species (Zygnematophyceae, Streptophyta) with replicate and semi-replicate transverse walls from Japan. 1-11	
572	New approach for biodegradation of Malathion pesticide by Bacillus sp. isolated from agricultural field: Bioreactor and Kinetics. <b>2022</b> , 107936	o
571	Streptomyces spinosus sp. nov. and Streptomyces shenzhenensis subsp. oryzicola subsp. nov. endophytic actinobacteria isolated from Jasmine rice and their genome mining for potential as antibiotic producers and plant growth promoters.	0
570	Biodiversity of Duckweed (Lemnaceae) in Water Reservoirs of Ukraine and China Assessed by Chloroplast DNA Barcoding. <b>2022</b> , 11, 1468	О
569	Allium pallasii and A. caricifoliumBurprisingly Diverse Old Steppe Species, Showing a Clear Geographical Barrier in the Area of Lake Zaysan. <b>2022</b> , 11, 1465	
568	Taxonomy and molecular phylogeny of Trametopsis (Polyporales, Basidiomycota) with descriptions of two new species. 90, 31-51	О
567	Sphingomonas psychrotolerans sp. nov., isolated from root surface of Leontopodium leontopodioides in the Tianshan Mountains, Xinjiang, China. <b>2022</b> , 72,	O
566	Low occurrence of Cryptosporidium canis in feces of dogs seroreactive for Leishmania spp <b>2022</b> , 43, 1823-1834	
565	Phylogeography and Population Genetics of Rosa chinensis var. spontanea and R. lucidissima Complex, the Important Ancestor of Modern Roses. <b>2022</b> , 13,	0
564	Novosphingobium percolationis sp. nov. and Novosphingobium huizhouense sp. nov., isolated from landfill leachate of a domestic waste treatment plant. <b>2022</b> , 72,	О

563	Characterization of Three SEPALLATA-Like MADS-Box Genes Associated With Floral Development in Paphiopedilum henryanum (Orchidaceae). <b>2022</b> , 13,	
562	Gottfriedia endophyticus sp. nov., a novel indole-acetic acid producing bacterium isolated from the roots of rice plant.	
561	Molecular and Biochemical Analysis of Duplicated Cytosolic CuZn Superoxide Dismutases of Rice and in silico Analysis in Plants. <b>2022</b> , 13,	0
560	Inter-Specific Genetic Exchange Despite Strong Divergence in Deep-Sea Hydrothermal Vent Gastropods of the Genus Alviniconcha. <b>2022</b> , 13, 985	O
559	Genome Wide Identification and Functional Characterization of Auxin Response Factor (ARF) Genes in Eggplant. <b>2022</b> , 23, 6219	1
558	Two new species of Bacillidium (Microsporidia) from coelomocytes of Branchiura sowerbyi (Oligochaeta: Naididae) in China. <b>2022</b> , 107785	O
557	Streptococcus vulneris sp. nov., isolated from wound of patient with diabetic foot ulcer (DFU). <b>2022</b> , 204,	
556	Gene synteny, evolution and antiviral activity of type I IFNs in a reptile species, the Chinese soft-shelled turtle Pelodiscus sinensis. <b>2022</b> , 104461	1
555	A new Leptobrachella species (Anura, Megophryidae) from South China, with comments on the taxonomic status of L. chishuiensis and L. purpurus. <b>2022</b> , 98, 165-180	О
554	Selection of Non-Mycotoxigenic Inulinase Producers in the Group of Black Aspergilli for Use in Food Processing. <b>2022</b> , 60,	O
553	New perspectives of Microsentis wardae Martin & Multani, 1966 (Acanthocephala: Neoechinorhynchidae) from Gillichthys mirabilis Cooper in California, with scanning electron microscopy images and energy dispersive X-ray analysis. <b>2022</b> , 96,	
552	Response of MaHMA2 gene expression and stress tolerance to zinc stress in mulberry (Morus alba L.). <b>2022</b> , 46, 2327-2342	
551	Molecular and phenotypic characterization of two cryptic species of the predatory genus Mononchoides Rahm, 1928 (Rhabditida: Diplogastridae) and their congeneric affinities. <b>2022</b> , 96,	0
550	Marinilactibacillus kalidii sp. nov., an Indole Acetic Acid-Producing Endophyte Isolated from a Shoot of Halophyte Kalidium cuspidatum. <b>2022</b> , 79,	2
549	Systematic Analysis of bHLH Transcription Factors in Cassava Uncovers Their Roles in Postharvest Physiological Deterioration and Cyanogenic Glycosides Biosynthesis. 13,	1
548	Molecular Structure and Phylogenetic Analyses of the Complete Chloroplast Genomes of Three Medicinal Plants Conioselinum vaginatum, Ligusticum sinense, and Ligusticum jeholense. 13,	O
547	Morphological and Molecular Phylogenetic Analysis of a Lemanea Specimen (Batrachospermales, Rhodophyta) from China. <b>2022</b> , 14, 479	O
546	Genomic characterization of denitrifying methylotrophic Pseudomonas aeruginosa strain AAK/M5 isolated from municipal solid waste landfill soil. <b>2022</b> , 38,	

545	Seed vitality and fungal contamination in Abies nebrodensis. 1-10	1
544	First Comprehensive Analysis of Both Mitochondrial Characteristics and Mitogenome-Based Phylogenetics in the Subfamily Eumeninae (Hymenoptera: Vespidae). <b>2022</b> , 13, 529	
543	Molecular evidence of seed transmission of soybean bud proliferation and seed pods abortion phytoplasma disease.	
542	Identification and Characterization of Colletotrichum fructicola and Colletotrichum siamense Causing Anthracnose on Luffa Sponge Gourd in China. <b>2022</b> , 11, 1537	
541	First record of Lepidodactylus lugubris (Dumfil & Bibron, 1836) (Squamata, Gekkonidae) from Hainan Island, China. 35, 99-105	
540	The Mitochondrial Genome of Cylicocyclus elongatus (Strongylida: Strongylidae) and Its Comparative Analysis with Other Cylicocyclus Species. <b>2022</b> , 12, 1571	
539	Small EPIDERMAL PATTERNING FACTOR-LIKE2 peptides regulate awn development in rice.	0
538	Roseicella aquatilis sp. nov., isolated from freshwater lake. <b>2022</b> , 204,	
537	Lysobacter chinensis sp. nov., a cellulose-degrading strain isolated from cow dung compost.	
536	A global molecular phylogeny yields insights into the dispersal and invasion history of Junonia, a butterfly genus with remarkable dispersal abilities. <b>2022</b> , 289,	1
535	Halomonas jincaotanensis sp. nov., isolated from the Pamir Plateau degrading polycyclic aromatic hydrocarbon. <b>2022</b> , 204,	1
534	In Silico Models on Algal Cultivation and Processing. <b>2022</b> , 228-255	
533	Novel Mitochondrial Gene Rearrangement and Intergenic Regions Exist in the Mitochondrial Genomes from Four Newly Established Families of Praying Mantises (Insecta: Mantodea). <b>2022</b> , 13, 564	
532	Sphingopyxis lutea sp. nov., a novel moderately halotolerant bacterium isolated from pebbles. <b>2022</b> , 204,	
531	The interaction between exogenous IBA with sucrose, light and ventilation alters the expression of ARFs and Aux/IAA genes in Carica papaya plantlets.	O
530	Molecular Cloning of Heat Shock Protein 60 (SpHSP60) from Schizothorax prenanti and the Gene Expressions of Four SpHSPs during Lipopolysaccharide (LPS) Infection. <b>2022</b> , 7, 139	O
529	First Evidence of Entamoeba Parasites in Australian Wild Deer and Assessment of Transmission to Cattle. 12,	O
528	Genetics, Morphometrics and Health Characterization of Green Turtle Foraging Grounds in Mainland and Insular Chile. <b>2022</b> , 12, 1473	

527	Taxonomic studies of bluish Mycena (Mycenaceae, Agaricales) with two new species from northern China. 90, 119-145	
526	ubiF is involved in acid stress tolerance and symbiotic competitiveness in Rhizobium favelukesii LPU83.	1
525	Halomonas faecis sp. nov., a halophilic bacterium isolated from human faeces. <b>2022</b> , 26,	
524	Neural activities in music frogs reveal call variations and phylogenetic relationships within the genus Nidirana. <b>2022</b> , 5,	O
523	Effects of Late Pleistocene Climatic Fluctuations on the Phylogeographic and Demographic History of Japanese Scad (Decapterus maruadsi). 9,	
522	Agriterribacter soli sp. nov., isolated from herbicide-contaminated soil. <b>2022</b> , 72,	O
521	Genetic diversity and identity of Ascaris worms from human and pig hosts in Thailand. 2022, 33, 100752	
520	Purification and characterization of lignin peroxidase from white-rot fungi <i>Pleurotus pulmonarius </i>CPG6<i> </i>and its application in decolorization of synthetic textile dyes. <b>2022</b> ,	O
519	A new species of Calamaria (Squamata: Colubridae) from Guangdong Province, southern China. 72, 433-444	
518	Identification of confiscated pangolin for conservation purposes through molecular approach. <b>2022</b> , 14, 21127-21139	
517	Endangered Schizothoracin Fish in the Tarim River Basin Are Threatened by Introgressive Hybridization. <b>2022</b> , 11, 981	
516	Effect of Various Local Anthropogenic Impacts on the Diversity of Coral Mucus-Associated Bacterial Communities. <b>2022</b> , 10, 863	1
515	Stilbocrea banihashemiana sp. nov. a New Fungal Pathogen Causing Stem Cankers and Twig Dieback of Fruit Trees. <b>2022</b> , 8, 694	O
514	Ruania suaedae sp. nov. and Ruania halotolerans sp. nov., two actinobacteria isolated from saline soil, and reclassification of Haloactinobacterium kanbiaonis as Occultella kanbiaonis comb. nov <b>2022</b> , 72,	O
513	Genome-Wide Identification and Comparative Analysis of WOX Genes in Four Euphorbiaceae Species and Their Expression Patterns in Jatropha curcas. 13,	1
512	Assessment of Genetic Diversity of the Salangid, Neosalanx taihuensis, Based on the Mitochondrial COI Gene in Different Chinese River Basins. <b>2022</b> , 11, 968	
511	PIWI Proteins Play an Antiviral Role in Lepidopteran Cell Lines. <b>2022</b> , 14, 1442	2
510	Molecular and Morphological Characterization of Two New Species of Globisporangium from Southern China, G. pengfuense and G. tenuihyphum. <b>2022</b> , 14, 528	

509 Phylogeography of Tridentiger bifasciatus (Gobiidae) in the Northwestern Pacific. 10,

508	Aeromicrobium stalagmiti sp. nov., isolated from a lava cave. <b>2022</b> , 72,	O
507	Isolation, characterization and growth assessment of biodegrading chlorpyrifos-methyl Bacillus species isolated from Algerian soil. <b>2022</b> , 31, 135-146	
506	Halomonas salinarum sp. nov., a moderately halophilic bacterium isolated from saline soil in Yingkou, China. <b>2022</b> , 204,	
505	Three Mitochondrial Markers Reveal Genetic Diversity and Structure of Rock Carp (Procypris rabaudi) Endemic to the Upper Yangtze: Implications for Pre-release Genetic Assessment. 9,	
504	The Genetic Diversity in Thereuonema tuberculata (Wood, 1862) (Scutigeromorpha: Scutigeridae) and the Phylogenetic Relationship of Scutigeromorpha Using the Mitochondrial Genome. <b>2022</b> , 13, 620	O
503	Aliens Coming by Ships: Distribution and Origins of the Ocellated Skink Populations in Peninsular Italy. <b>2022</b> , 12, 1709	
502	Asperopiperazines A and B: Antimicrobial and Cytotoxic Dipeptides from a Tunicate-Derived Fungus Aspergillus sp. DY001. <b>2022</b> , 20, 451	O
501	Xinfangfangia pollutisoli sp. nov., Isolated from Clopyralid-Contaminated Soil. 2022, 79,	
500	Fictibacillus marinisediminis sp. nov., a nitrate-reducing bacterium isolated from marine sediment in Hupo Basin, Republic of Korea. <b>2022</b> , 204,	1
499	Biodegradation of polyurethane by Japanese carpenter bee gut-associated symbionts Xanthomonas sp. HY-71, and its potential application on bioconversion. <b>2022</b> , 102822	O
498	Phylogeography of walnut pest (Lepidoptera: Gelechioidea) reveals comprehensive influence of geographic barriers and human activities. <b>2022</b> , 101962	O
497	Evolutionary and Integrative Analysis of Gibberellin-Dioxygenase Gene Family and Their Expression Profile in Three Rosaceae Genomes (F. vesca, P. mume, and P. avium) Under Phytohormone Stress. 13,	O
496	Structurally derived universal mechanism for the catalytic cycle of the tail-anchored targeting factor Get3.	O
495	Comparative analysis of R2R3-MYB transcription factors in the flower of Iris laevigata identifies a novel gene regulating tobacco cold tolerance.	O
494	Characterization of a Novel Carrageenan-Specific Carbohydrate-Binding Module: a Promising Tool for the In Situ Investigation of Carrageenan.	O
493	Sinomicrobium kalidii sp. nov., an indole-3-acetic acid-producing endophyte from a shoot of halophyte Kalidium cuspidatum. <b>2022</b> , 72,	O
492	Identification and Comprehensive Ggenome-Wide Analysis of Glutathione S-Transferase Gene Family in Sweet Cherry (Prunus avium) and Their Expression Profiling Reveals a Likely Role in Anthocyanin Accumulation. 13,	O

491	Pedobacter mucosus sp. nov., isolated from a soil sample of glacier foreland in Austre Lovfibreen, Arctic. <b>2022</b> , 72,	О
490	Multiple reassortment and interspecies transmission events contribute to the diversity of porcine-like human rotavirus C strains detected in South Korea.	
489	Humibacter ginsenosidimutans sp. nov., with ginsenoside-converting activity isolated from activated sludge. <b>2022</b> , 72,	Ο
488	Diversity of Colletotrichum Species Causing Apple Bitter Rot and Glomerella Leaf Spot in China. <b>2022</b> , 8, 740	4
487	The ∃and ESubunit Boundary at the Stem of the Mushroom-Like B B -Type Oxygenase Component of Rieske Non-Heme Iron Oxygenases Is the Rieske-Type Ferredoxin-Binding Site.	Ο
486	Genome-Wide Characterization and Expression Analysis of GeBP Family Genes in Soybean. <b>2022</b> , 11, 1848	1
485	Diagnostics of the peach root-knot nematode, Meloidogyne floridensis using multiplex real-time PCR.	
484	Discovery of Novel Iminosugar Compounds Produced by Lactobacillus paragasseri MJM60645 and Their Anti-Biofilm Activity against Streptococcus mutans.	2
483	Vast Gene Flow among the Spanish Populations of the Pest Bactrocera oleae (Diptera, Tephritidae), Phylogeography of a Metapopulation to Be Controlled and Its Mediterranean Genetic Context. <b>2022</b> , 13, 642	
482	Shewanella azerbaijanica sp. nov. a novel aquatic species with high bioremediation abilities. <b>2022</b> , 204,	2
481	Longitalea arenae gen. nov., sp. nov. and Longitalea luteola sp. nov., two new members of the family Chitinophagaceae isolated from desert soil. <b>2022</b> , 204,	1
480	Identifying potential flavonoid biosynthesis regulator in Zanthoxylum bungeanum Maxim. by genome-wide characterization of the MYB transcription factor gene family. <b>2022</b> , 21, 1997-2018	1
479	Morphological, anatomical and molecular characterisation of the leaves of Isoberlinia doka Craib and Stapf and Isoberlinia tomentosa (Harms) Craib and Stapf. <b>2022</b> , 6,	
478	Genetic diversity of microsymbionts nodulating Trifolium pratense in subpolar and temperate climate regions. <b>2022</b> , 12,	O
477	Overexpression of a cotton nonspecific lipid transfer protein gene, GhLTP4, enhances drought tolerance by remodeling lipid profiles, regulating abscisic acid homeostasis and improving tricarboxylic acid cycle in cotton. <b>2022</b> , 201, 104991	1
476	Utilization of low-cost substrates for the production of high biomass, lipid and docosahexaenoic acid (DHA) using local native strain Aurantiochytrium sp. YB-05. <b>2022</b> , 34, 102224	
475	A new species of Myrianida (Syllidae, Polychaeta) from Belize. <b>2007</b> , 1595,	
474	Molecular analysis of internal transcribed spacer 2 of Dicrocoelium dendriticum isolated from cattle, sheep, and goat in Iran. <b>2022</b> , 18,	

473	The Multifarious Endophytic Actinobacterial Isolate, Streptomyces tubercidicus UAE1, Combined With the Seaweed Biostimulant Further Promotes Growth of Avicennia marina. 9,	O
472	Moniliella aeria sp. nov., a novel yeast isolated from the air of a Wuliangye baijiu-making workshop. <b>2022</b> , 72,	
471	Genetic diversity and population dynamic of Ziziphus jujuba var. spinosa (Bunge) Hu ex H. F. Chow in Central China. <b>2022</b> , 12,	
470	Paenibacillus oleatilyticus sp. nov., isolated from soil. <b>2022</b> , 204,	O
469	Genome-wide characterization and analysis of Golden 2-Like transcription factors related to leaf chlorophyll synthesis in diploid and triploid Eucalyptus urophylla. 13,	0
468	Taxonomy and Multi-Gene Phylogeny of Poroid Panellus (Mycenaceae, Agaricales) With the Description of Five New Species From China. 13,	
467	Wickerhamomyces sinyiensis f.a., sp. nov., a new ascomycetous yeast species in the Wickerhamomyces clade isolated in Taiwan. <b>2022</b> , 72,	
466	A Study about the Piggery Sector Sustainability, Pig Breed Diversity and Its Ecological Implications in Urban Districts of Uttarakhand.	
465	Epidemiology of soybean bud proliferation and seed pod abortion disease in Iran. 2022, 51, 383-390	
464	Biogeographic assessment of Gorgonian-associated bacteria with antipathogenic Urinary Tract Infections (UTIs) in Karimunjawa Marine National Park, Java Sea, Indonesia. 49, 137-151	
463	Contrasting mtDNA and microsatellite data of great reed warbler Acrocephalus arundinaceus breeding populations on a small geographic scale.	
462	Phylogeographic Structuring of the Kuroshio-Type Prawn Macrobrachium japonicum (Decapoda: Palaemonidae) in Taiwan and Ryukyu Islands. <b>2022</b> , 14, 617	O
461	Synthesis of Polymer Precursor 12-Oxododecenoic Acid Utilizing Recombinant Papaya Hydroperoxide Lyase in an Enzyme Cascade.	O
460	Complete mitochondrial genome of Lepidotrigla alata (Osteichthyes: Triglidae) with phylogenetic consideration. <b>2022</b> , 7, 1216-1217	
459	Population genetics and genetic variation of Ctenocephalides felis and Pulex irritans in China by analysis of nuclear and mitochondrial genes. <b>2022</b> , 15,	
458	Identification and Characterisation of the Salt Tolerant Phosphate-Solubilising Bacterial Isolates for Enhancing Soil Fertility. 101852912211171	
457	Multivalvulidan myxosporeans from marine fishes in Nha Trang Bay, Vietnam, with descriptions of Kudoa igori n. sp. and Kudoa borimiri n. sp. from mullets.	O
456	Schizothorax prenanti Heat Shock Protein 27 Gene: Cloning, Expression, and Comparison with Other Heat Shock Protein Genes after Poly (I:C) Induction. <b>2022</b> , 12, 2034	

455	A small chromosomal inversion mediated by MITE transposons confers cleistogamy in Brassica napus.	
454	Multi-locus phylogeny and species delimitations of the striped-back shrew group (Eulipotyphla: Soricidae): implications for cryptic diversity, taxonomy and multiple speciation patterns. <b>2022</b> , 107619	
453	Genetic Diversity of Palm Weevils, Rhynchophorus Species (Coleoptera: Curculionidae) by Mitochondrial COI Gene Sequences Declares a New Species, R. bilineatus in Qassim, Saudi Arabia.	2
452	Origin of rice gametophytic cytoplasmic male sterility genes in Chinese populations of Oryza rufipogon through sequence features of B-atp6-orfH79.	
451	Simple Sequence Repeat Markers Reveal Genetic Diversity and Population Structure of Bolivian Wild and Cultivated Tomatoes (Solanum lycopersicum L.). <b>2022</b> , 13, 1505	
450	Tandem integration of circular plasmid contributes significantly to the expanded mitochondrial genomes of the green-tide forming alga Ulva meridionalis (Ulvophyceae, Chlorophyta). 13,	O
449	Comparative Transcriptome Analysis Reveals Gene Expression Differences in Eggplant (Solanum melongena L.) Fruits with Different Brightness. <b>2022</b> , 11, 2506	1
448	Differential expression involved in starch synthesis pathway genes reveal various starch characteristics of seed and rhizome in lotus ( Nelumbo Nucifera ).	
447	Phylogeny of Trachelomonas and Strombomonas (Euglenaceae) Based on Morphological and Molecular Data. <b>2022</b> , 14, 623	Ο
446	Two new species of the genus Microleon (Lepidoptera: Limacodidae) from China. <b>2022</b> , 5175, 137-145	
445	Probiotic Lactiplantibacillus plantarum Tana Isolated from an International Weightlifter Enhances Exercise Performance and Promotes Antifatigue Effects in Mice. <b>2022</b> , 14, 3308	1
444	An Extended Instruction Set for Bioinformatics[Multiple Sequence Alignment. <b>2022</b> , 11, 2550	
443	Isolation of a diazinon-degrading strain Sphingobium sp. DI-6 and its novel biodegradation pathway. 13,	
442	Streptomyces plumbidurans sp. nov., a Pb2+-tolerant actinomycete. <b>2022</b> , 72,	
441	New putative phenol oxidase in ascidian blood cells. <b>2022</b> , 12,	
440	Molecular Characterization of Filenchus cylindricus (Thorne & Malek, 1968) Niblack & Bernard, 1985 (Tylenchida: Tylenchidae) from Korea, with Comments on Its Morphology. <b>2022</b> , 38, 323-333	1
439	Maridesulfovibrio caeruleilacunae sp. nov. and Maridesulfovibrio oucae sp. nov . , two sulfate-reducing bacteria isolated from Yongle Blue Hole of the South China Sea.	
438	Demographic history and population genetic structure of Anisakis pegreffii in the cutlassfish Trichiurus japonicus along the coast of mainland China and Taiwan.	O

437	Population genetic diversity and structure of Rhinogobius candidianus (Gobiidae) in Taiwan: Translocation and release. <b>2022</b> , 12,	1
436	Dual inhibition of the Echinococcus multilocularis energy metabolism. 9,	Ο
435	Complete genome sequence of a novel mycovirus from Pleurotus citrinopileatus.	
434	The S. cerevisiae m6A-reader Pho92 promotes timely meiotic recombination by controlling key methylated transcripts.	1
433	First Molecular Detection of Zoonotic Chlamydia Species in Vietnamese Goats. <b>2022</b> , 11, 903	
432	Actinomadura spongiicola sp. nov., isolated from the marine sponge Leucetta chagosensis. <b>2022</b> , 72,	
431	Dyadobacter diqingensis sp. nov., isolated from Baima snow mountain of Diqing Tibetan Autonomous Prefecture in Yunnan province, south-west China. <b>2022</b> , 204,	
430	Providencia manganoxydans sp. nov., a Mn(II)-oxidizing bacterium isolated from heavy metal contaminated soils in Hunan Province, China. <b>2022</b> , 72,	
429	Strain Identification and Herbivore⊞ost Interaction of Maize Hosting Invasive Alien Pest Spodoptera frugiperda under Elevated Temperature and CO2 Levels.	
428	Siccirubricoccus soli sp. nov., a novel bacterial species isolated from Jiaozi Mountain soil.	
427	Genome-wide identification, phylogeny, and expression profiling analysis of shattering genes in rapeseed and mustard plants. <b>2022</b> , 20,	О
426	Immune monitoring of pediatric patients co-infected with Rickettsia rickettsii and Ehrlichia canis.	
425	Novel study on the prevalence of Trichinella spiralis in farmed American minks ( Neovison vison ) associated with exposure to wild rats ( Rattus norvegicus ) in China.	
424	Paenibacillus alkalitolerans sp. nov., a bacterium isolated from a salt lake of Turpan City in Xinjiang Province, north-west China.	
423	Genetic Diversity and Phylogenetic Relationships of Russian Pig Breeds Based on the Analysis of mtDNA D-Loop Polymorphism. <b>2022</b> , 58, 944-954	1
422	Phylogeny and taxonomy of Spongipellis (Polyporales, Basidiomycota) and its micromorphological similar genera. <b>2022</b> , 21,	
421	Agromyces cavernae sp. nov., a novel member of the genus Agromyces isolated from a karstic cave in Shaoguan. <b>2022</b> , 72,	
420	Tempo-spatial distribution and species composition of green algae micro-propagules in the coastal waters of Qinhuangdao, China. <b>2022</b> , 108054	

Peninsula, India. 2022, 14, 21605-21611 The complete mitochondrial genome of Simulium Jisigouense (Diptera: Simuliidae) and phylogenetic analysis of Simuliidae. 10.  The complete mitochondrial genome of Simulium Jisigouense (Diptera: Simuliidae) and phylogenetic analysis of Simuliidae. 10.  The Capping Parasphingorhabdus cellanae sp. now., isolated from the gut of a Korean limpet, Cellana toreuma. 2022, 72.  The Capping Proach to CYP2Dof/CYP2C19 gene variants.  Secenzyme N-Acyl-L-Amino Acid Amidohydrolase NA Increases Ochratoxin A Degradation Efficacy of Stenotrophomonas sp. CW117 by Enhancing Amidohydrolase ADH3 Stability.  The class III peroxidase gene family is involved in ascorbic acid induced delay of internal browning in pineapple. 13,  Genomic insights into a free-living, nitrogen-fixing but non rodulating novel species of Bradynizobium sediminis from freshwarter sediment: Three isolates with the smallest genome within the genus Bradynizobium. 2022, 45, 126533  dia identification of the extracellular metallo-endopeptidases ADAM and ADAMTS in the yellow fever mosquito Aedes aegypti. 2022, 148, 103815  Chlorate as a comammox Nitrospira specific inhibitor reveals nitrification and N2O production activity in coastal wetland. 2022, 173, 108782  Chlorate as a comammox Nitrospira specific inhibitor reveals nitrification and N2O production activity in coastal wetland. 2022, 173, 108782  Chlorate as a comammox Nitrospira specific inhibitor reveals nitrification and N2O production activity in coastal wetland. 2022, 173, 108782  Colorate as a comammox Nitrospira specific inhibitor reveals nitrification and N2O production activity in coastal wetland. 2022, 173, 108782  Chlorate as a comammox Nitrospira specific inhibitor reveals nitrification and N2O production activity in coastal wetland. 2022, 173, 108782  Consideration in the promoter region of PgACS1, a System-2 ACC synthase gene. 2022, 193, 112038  Cenome-wide comprehensive characterization and expression analysis of TLP gene family revealed its responses to ho	419	Morphological plasticity in the rice root nematode, Hirschmanniella oryzae (van Breda de Haan, 1902) Luc & Goodey, 1964 from Korea, with inferences from its ribosomal and mitochondrial DNA.	
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401	Expression of ABCA3 transporter gene in Tegillarca granosa and its association with cadmium accumulation. <b>2022</b> , 845, 146865	0
400	Bacterial Deterioration in the Limestone Minaret of Prince Muhammad and Suggested Treatment Methods, Akhmim, Egypt. <b>2022</b> , 12, 37-58	Ο
399	A New Species of Prosorhynchoides Dollfus, 1929 (Digenea: Bucephalidae) from Xenentodon Cancila Hamilton, 1822 in Mizoram, Northeast India.	0
398	Genetic diversity of Leishmania donovani isolates from cutaneous lesions of military personnel in the Mullaitivu and Kilinochchi districts of the Northern Province, Sri Lanka. <b>2022</b> , 15, 418	Ο
397	Phylogenetic exploration and haemato-biochemical significance of Anaplasma marginale infection in water buffalo (Bubalus bubalis). <b>2022</b> , 92, 549-554	0
396	Genome-wide identification and expression analysis of Elongator complex family genes in response to abiotic stresses in rice. <b>2022</b> , 48, 644-655	Ο
395	Seven Undescribed Aspergillus Species from Different Niches in Korea. <b>2022</b> , 50, 189-202	1
394	Unusual Morphological Changes of Rugositalea oryzae, A Novel Wrinkled Bacterium Isolated from The Rice Rhizosphere, Under Nutrient Stress.	Ο
393	Analysis of autapomorphic point mutations provides a key for the tangled taxonomic distinction of the closely related species, Euplotes crassus, E. minuta and E. vannus (Ciliophora, Euplotida). <b>2022</b> , 125917	0
392	Differential hydroxylation efficiency of the two non-heme carotene hydroxylases: DcBCH1, rather than DcBCH2, plays a major role in carrot taproot.	Ο
391	A new freshwater species Conticribra sinica (Thalassiosirales, Bacillariophyta) from the lower reaches of the Yangtze River, China.	O
390	Comprehensive evolutionary analysis of the TCP gene family: Further insights for its origin, expansion, and diversification. 13,	1
389	Transcription factor GhWRKY70 from Gossypium hirsutum enhances resistance to Verticillium wilt via the jasmonic acid pathway.	0
388	Genetic diversity, reassortment, and recombination of mammalian orthoreoviruses from Japanese porcine fecal samples.	1
387	Ignatzschineria rhizosphaerae sp. nov. Isolated from Rhizosphere Soil of the Halophyte Kalidium cuspidatum. <b>2022</b> , 79,	1
386	Biogeographic role of the Indonesian Seaway implicated by colonization history of purpleback flying squid, Sthenoteuthis oualaniensis (Lesson, 1830), in the Indo-Pacific Ocean. 9,	O
385	Morphological and Molecular Characterization of Calonectria foliicola Associated with Leaf Blight on Rubber Tree (Hevea brasiliensis) in Thailand. <b>2022</b> , 8, 986	2
384	Fermentative Hydrogen Production from Lignocellulose by Mesophilic Clostridium populeti FZ10 Newly Isolated from Microcrystalline Cellulose-Acclimated Compost. <b>2022</b> , 12, 9562	O

383	Identification and characterization of ATP-Binding Cassette Transporters in Chlamydomonas reinhardtii. <b>2022</b> , 20, 603	О
382	Effects of Traditional Ethnic Minority Food Culture on Genetic Diversity in Rice Landraces in Guizhou Province, China. <b>2022</b> , 12, 2308	O
381	Neocosmospora caricae sp. nov. and N. metavorans, two new stem and trunk canker pathogens on Ficus carica in Iran. <b>2022</b> , 21,	1
380	A Phylogenetic Perspective of Antiviral Species of the Genus Artemisia (Asteraceae-Anthemideae): A Proposal of Anti SARS-CoV-2 (COVID-19) Candidate Taxa. <b>2022</b> , 100601	2
379	Kribbellichelins A and B, Two New Antibiotics from Kribbella sp. CA-293567 with Activity against Several Human Pathogens. <b>2022</b> , 27, 6355	0
378	Species status of populations of Lethocerus indicus (Lepeletier and Serville, 1825) (Heteroptera: Belostomatidae) in Southeast Asia. <b>2022</b> , 98,	O
377	Diversity and antimicrobial activity of marine nudibranch associated bacteria against tropical human skin pathogens. 11, 421	0
376	Resurrection of the genus Subulo Smith, 1827 for the gray brocket deer, with designation of a neotype.	O
375	Study of tyramine-binding mechanism and insecticidal activity of oil extracted from Eucalyptus against Sitophilus oryzae. 10,	1
374	A Botybirnavirus Isolated from Alternaria tenuissima Confers Hypervirulence and Decreased Sensitivity of Its Host Fungus to Difenoconazole. <b>2022</b> , 14, 2093	0
373	Diversity and Exploration of Endophytic Bacilli for the Management of Head Scab (Fusarium graminearum) of Wheat. <b>2022</b> , 11, 1088	0
372	Identification of Potential IgE-Binding Epitopes Contributing to the Cross-Reactivity of the Major Cupressaceae Pectate-Lyase Pollen Allergens (Group 1). <b>2022</b> , 2, 106-118	0
371	Genome-wide identification and expression analysis of the GRAS transcription in eggplant (Solanum melongena L.). 13,	0
370	An enhancing effect attributed to a nonsynonymous mutation in SOYBEAN SEED SIZE 1 , a SPINDLY -like gene, is exploited in soybean domestication and improvement.	2
369	Rhizobium quercicola sp. nov., isolated from the leaf of Quercus variablis in China. 2022, 204,	0
368	Systematic Annotation Reveals CEP Function in Tomato Root Development and Abiotic Stress Response. <b>2022</b> , 11, 2935	O
367	Comprehensive identification and expression analyses of the SnRK gene family in Casuarina equisetifolia in response to salt stress.	О
366	KMer-Node2Vec: Learning Vector Representations of K-mers from the K-mer Graph.	О

365	A non-coding variant in 50untranslated region drove up-regulation of Pseudo-kinase EPHA10 and caused non-syndromic hearing loss in humans.	O
364	Genome wide identification and characterization of nodulation related genes in Arachis hypogaea. <b>2022</b> , 17, e0273768	0
363	Discovery of a new limestone karst-restricted odorous frog from northern Guangdong, China (Anura, Ranidae, Odorrana). 1120, 47-66	O
362	First insights into the genetic diversity of Spodoptera spp. (Lepidoptera: Noctuidae) affecting vegetable crops in Jamaica.	O
361	Characteristics of NtCCD1-3 from tobacco, and protein engineering of the CCD1 to enhance Elonone production in yeast. 13,	0
360	Three New Species of Clonostachys (Hypocreales, Ascomycota) from China. <b>2022</b> , 8, 1027	O
359	Phylogenetic placement of thermophilic ammonium-tolerant bacteria and their distribution in various composts.	0
358	Potential Applications of an Exopolysaccharide Produced by Bacillus xiamenensis RT6 Isolated from an Acidic Environment. <b>2022</b> , 14, 3918	1
357	Diverse branching forms regulated by a core auxin transport mechanism in plants.	О
356	Analysis of protein kinase C (HcPKC) gene expression and single-nucleotide polymorphisms related to inner shell color traits in Hyriopsis cumingii. <b>2022</b> , 23,	О
355	Brachyptery Analysis in Alloxysta (Hymenoptera: Figitidae): Synonymy of A. curta Ferrer-Suay and Pujade Villar as the Brachypterous Male of A. ramulifera (Thomson) in the Nearctic. <b>2022</b> , 124,	О
354	Characterization of a metagenome-derived thermostable xylanase from Tengchong hot spring.	О
353	Robiginitalea marina sp. nov., isolated from coastal sediment. <b>2022</b> , 204,	1
352	Characterization of the self-targeting Type IV CRISPR interference system in Pseudomonas oleovorans.	O
351	Anamorphic chaetosphaeriaceous fungi from China. <b>2022</b> , 116, 1-546	О
350	A new species of the genus Leptobrachella (Anura, Megophryidae) from northwestern Guangdong Province, China. 35, 165-178	O
349	Genome-Wide Analysis and Expression Profiles of the VOZ Gene Family in Quinoa (Chenopodium quinoa). <b>2022</b> , 13, 1695	1
348	Genome-wide identification of AOX family genes in Moso bamboo and functional analysis of PeAOX1b_2 in drought and salinity stress tolerance.	O

347	Antimicrobial Biosynthetic Potential and Phylogenetic Analysis of Culturable Bacteria Associated with the Sponge Ophlitaspongia sp. from the Yellow Sea, China. <b>2022</b> , 20, 588	1
346	Novel and diverse mycoviruses co-infecting a single strain of the phytopathogenic fungus Alternaria dianthicola. 12,	O
345	RNA Interference of Chitin Synthase 2 Gene in Liriomyza trifolii through Immersion in Double-Stranded RNA. <b>2022</b> , 13, 832	1
344	Molecular and morphological description of Ceratomyxa scophthalmi sp. nov. (Myxozoa) infecting Scophthalmus maeoticus and first report of Myxidium finnmarchicum in the Black Sea. <b>2022</b> , 151, 85-96	O
343	FaAKR23 Modulates Ascorbic Acid and Anthocyanin Accumulation in Strawberry (Fragaria 🛭 ananassa) Fruits. <b>2022</b> , 11, 1828	O
342	New Multidrug Efflux Systems in a Microcystin-Degrading Bacterium Blastomonas fulva and Its Genomic Feature. <b>2022</b> , 23, 10856	O
341	Highly active repeat-mediated recombination in the mitogenome of the holoparasitic plant Aeginetia indica. 13,	1
340	Two new forest pathogens in Phaeolus (Polyporales, Basidiomycota) on Chinese coniferous trees were confirmed by molecular phylogeny. 13,	1
339	Was the San QuintE Kangaroo Rat really rediscovered?.	O
338	Diplodia scrobiculata and Neofusicoccum luteum causing dieback of Pinus halepensis in Tunisia.	O
337	Duganella vulcania sp. nov., Rugamonas fusca sp. nov., Rugamonas brunnea sp. nov. and Rugamonas apoptosis sp. nov., isolated from subtropical streams, and phylogenomic analyses of the genera Janthinobacterium, Duganella, Rugamonas, Pseudoduganella and Massilia. <b>2022</b> , 72,	О
336	New Weed Hosts for Tomato Brown Rugose Fruit Virus in Wild Mediterranean Vegetation. <b>2022</b> , 11, 2287	1
335	Genomic insights into the evolutionary history and diversification of bulb traits in garlic. 2022, 23,	O
334	Characterization and antagonistic potentials of selected rhizosphere Trichoderma species against some Fusarium species. 13,	1
333	Multiple evidences reveal new species and a new record of smelly Gymnopus (Agaricales, Omphalotaceae) from China. 13,	O
332	Phylogenetic analysis and characterization of arsenic (As) transforming bacterial marker proteins following isolation of As-tolerant indigenous bacteria. <b>2022</b> , 204,	O
331	Probiotic effects of Pseudoalteromonas ruthenica: Antibacterial, immune stimulation and modulation of gut microbiota composition. <b>2022</b> ,	О
330	A high genetic diversity of Enterocytozoon bieneusi in diarrheic pigs in southern China.	O

329	Hypovirulence caused by mycovirus in Colletotrichum fructicola. 13,	О
328	Description of five novel thermophilic species of the genus Thermus: Thermus hydrothermalis sp. nov., Thermus neutrinimicus sp. nov., Thermus thalpophilus sp. nov., Thermus albus sp. nov., and Thermus altitudinis sp. nov., isolated from hot spring sediments. <b>2022</b> , 45, 126361	2
327	Seedling growth promotion and potential biocontrol against phytopathogenic Fusarium by native rhizospheric Pseudomonas spp. strains from Amarillo Zamorano maize landrace. <b>2022</b> , 24, 100601	О
326	Root Nodule Microsymbionts of Native Coriaria myrtifolia in Algeria. <b>2022</b> , 15, 117863612211337	O
325	Population dynamics of Citrus tristeza virus (CTV) in single aphid-transmitted sub-isolates of the South African GFMS12 isolate. 13,	О
324	Development of a Next-Generation Vaccine Platform for Porcine Epidemic Diarrhea Virus Using a Reverse Genetics System. <b>2022</b> , 14, 2319	0
323	New Species of Nectriaceae (Hypocreales) from China. <b>2022</b> , 8, 1075	О
322	Complex origins indicate a potential bridgehead introduction of an emerging amphibian invader (Eleutherodactylus planirostris) in China. 77, 23-37	0
321	Micrococcus porci sp. nov., Isolated from Feces of Black Pig (Sus scrofa). <b>2022</b> , 12, 1749	О
320	Kinopus chlorellivorus gen. nov., sp. nov. (Vampyrellida, Rhizaria), a New Algivorous Protist Predator Isolated from Large-Scale Outdoor Cultures of Chlorella sorokiniana.	O
319	The Complete Mitochondrial Genome of Eurasian Minnow (Phoxinus cf. phoxinus) from the Heilongjiang River, and Its Phylogenetic Implications. <b>2022</b> , 12, 2960	О
318	In Vitro Assessment of Probiotic and Technological Properties of Lactic Acid Bacteria Isolated from Indigenously Fermented Cereal-Based Food Products. <b>2022</b> , 8, 529	O
317	AtELP4 a subunit of the Elongator complex in Arabidopsis, mediates cell proliferation and dorsoventral polarity during leaf morphogenesis. 13,	О
316	A New Species of Titi Monkey, Genus Cheracebus Byrne et al., 2016 (Primates: Pitheciidae), from Peruvian Amazonia. <b>2022</b> , 48,	O
315	Genome-wide analysis of the KANADI gene family and its expression patterns under different nitrogen treatments in Populus trichocarpa.	О
314	Cloning of Toll-like Receptor 3 Gene from Schizothorax prenanti (SpTLR3), and Expressions of Seven SpTLRs and SpMyD88 after Lipopolysaccharide Induction. <b>2022</b> , 13, 1862	O
313	Diversity and distribution of Perkinsus spp. along the coast of China: Implications for widespread transmission of Perkinsus spp. in mollusks. 9,	О
312	Niabella agricola sp. nov., isolated from paddy soil. <b>2022</b> , 72,	O

311	Does the fish-infecting Trypanosoma micropteri belong to Trypanosoma carassii?. 69,	1
310	Characteristics of a new carotenoid cleavage dioxygenase NtCCD10 derived from Nicotiana tabacum. <b>2022</b> , 256,	O
309	Phylogeography of Himalrandia lichiangensis from the dry-hot valleys in Southwest China. 13,	O
308	Two Novel Lasiodiplodia Species from Blighted Stems of Acer truncatum and Cotinus coggygria in China. <b>2022</b> , 11, 1459	O
307	Lactococcus intestinalis sp. nov., a new lactic acid bacterium isolated from intestinal contents in Alzheimer disease mice.	О
306	Hephaestia mangrovi sp. nov., a novel endophytic bacterium isolated from Aegiceras corniculatum. <b>2022</b> , 72,	O
305	Identification of Forensically Important Carrion Beetles (Coleoptera: Staphilinidae) in China Based on COI and COII.	О
304	Genome-wide identification, expression and salt stress tolerance analysis of the GRAS transcription factor family in Betula platyphylla. 13,	O
303	Dongia deserti sp. nov., Isolated from the Gurbantunggut Desert Soil. <b>2022</b> , 79,	O
302	Paenibacillus hamazuiensis sp. nov., a bacterium isolated from Hamazui hot spring in Yunnan province, south-west China. <b>2022</b> , 204,	O
301	Diversity, Phylogenetic Relationships and Distribution of Marsh Frogs (the Pelophylax ridibundus complex) from Kazakhstan and Northwest China. <b>2022</b> , 14, 869	O
300	The Epichlolfestucae Antifungal Protein Efe-AfpA Protects Creeping Bentgrass (Agrostis stolonifera) from the Plant Pathogen Clarireedia jacksonii, the Causal Agent of Dollar Spot Disease. <b>2022</b> , 8, 1097	1
299	A new species of Impatiens and updated checklist of Balsaminaceae in Nepal. 2022, 17, e0274699	0
298	Tabrizicola rongguiensis sp. nov., isolated from the sediment of a river in Ronggui, Foshan city, China. <b>2022</b> , 72,	O
297	Haplotype of Wild Korean Boars Infected by Classical Swine Fever Virus Subgenotype 2.1d. <b>2022</b> , 12, 2670	O
296	Gordonia pseudamarae sp. nov., a home for novel actinobacteria isolated from stable foams on activated sludge wastewater treatment plants. <b>2022</b> , 72,	1
295	Impatiens yunlingensis (Balsaminaceae), a new species from Yunnan, China. 212, 13-27	O
294	Compost-derived thermophilic microorganisms producing glycoside hydrolase activities as new potential biocatalysts for sustainable processes.	O

293	Acuticoccus kalidii sp. nov., a 1-aminocyclopropane-1-carboxylate (ACC) deaminase-producing endophyte from a root of Kalidium cuspidatum. <b>2022</b> , 72,	О
292	Molecular and morphological evidence reveals a new fern species of Hymenasplenium (Aspleniaceae) from south and southwestern China. 211, 93-106	O
291	Biocontrol potential of Pseudomonas rhodesiae GC-7 against the root-knot nematode Meloidogyne graminicola through both antagonistic effects and induced plant resistance. 13,	Ο
290	Genome-Wide Analysis and Characterization of SABATH Gene Family in Phaseolus vulgaris Genotypes Subject to Melatonin under Drought and Salinity Stresses.	O
289	A cluster of two psittacosis cases among women farmers exposed to Chlamydia psittaci -infected domestic poultry in Zhejiang Province, China.	О
288	Comparative Genomic Analysis of Carbofuran-Degrading Sphingomonads Reveals the Carbofuran Catabolism Mechanism in Sphingobium sp. Strain CFD-1.	Ο
287	The complete chloroplast genome sequences of three Broussonetia species and comparative analysis within the Moraceae. 10, e14293	1
286	Seasonal distribution of Cryptosporidium spp., Giardia duodenalis and Enterocytozoon bieneusi in Tibetan sheep in Qinghai, China. <b>2022</b> , 15,	Ο
285	First Isolation and Identification of Homologous Recombination Events of Porcine Adenovirus from Wild Boar. <b>2022</b> , 14, 2400	0
284	Psychroflexus curvus sp. nov., Psychroflexus longus sp. nov. and Psychroflexus montanilacus sp. nov., isolated from salt lakes on the Tibetan Plateau. <b>2022</b> , 72,	Ο
283	Why is the beautyberry so colourful? Evolution, biogeography, and diversification of fruit colours in Callicarpa (Lamiaceae). <b>2022</b> ,	2
282	Pseudomonas oryzagri sp. nov., isolated from a rice field soil. <b>2022</b> , 72,	Ο
281	Hidden in the jungle of Vietnam: a new species of Quasipaa (Amphibia, Anura, Dicroglossidae) from Ngoc Linh Mountain. 1124, 23-42	0
280	Three New Trichoderma Species in Harzianum Clade Associated with the Contaminated Substrates of Edible Fungi. <b>2022</b> , 8, 1154	1
279	Endophytic Bosea spartocytisi sp. nov. Coexists with rhizobia in root nodules of Spartocytisus supranubius growing in soils of Teide National Park (Canary Islands). <b>2022</b> , 45, 126374	1
278	Morphological and molecular analyses Protolamellodiscus senilobatus (Monogenea: Diplectanidae), a gill parasite infecting the soldier bream Argyrops filamentosus (Sparidae). <b>2022</b> , 102417	Ο
277	Cryptic and widespread: a recipe for taxonomic misidentification in a freshwater crab species (Decapoda: Potamonautidae: Potamonautes sidneyi) as evident from species delimitation methods.	О
276	Potential of a combination of entomopathogenic fungal strains and a non-ionic surfactant to control the fall armyworm (Spodoptera frugiperda). <b>2022</b> , 25, 102001	Ο

275	Olfactory and gustatory receptor genes in fig wasps: Evolutionary insights from comparative studies. <b>2023</b> , 850, 146953	O
274	The growth-regulating factor PdbGRF1 positively regulates the salt stress response in Populus davidiana [P. bolleana. <b>2023</b> , 326, 111502	O
273	Nonclimacteric ripening characteristics of Ilen-Ju Barlguava conferred by a defect in the expression of the system-2 ACC synthase gene PgACS1. <b>2023</b> , 195, 112147	0
272	A basic investigation on evolution of CL-L1 in vertebrates and its bioactivities in black rockfish (Sebastes schlegelii). <b>2023</b> , 563, 738923	O
271	A new species of Prosorhynchoides Dollfus, 1929 (Digenea: Bucephalidae) from Xenentodon cancila Hamilton, 1822 in Mizoram, Northeast India. <b>2023</b> , 92, 102690	0
270	FIGURES, MAPS, AND TABLES. <b>2002</b> , xvi-xvi	O
269	PREFACE. <b>2002</b> , vii-x	0
268	Dedication. <b>2002</b> , vi-vi	O
267	GLOSSARY. <b>2002</b> , 330-330	0
266	Copyright Page. <b>2002</b> , v-v	O
265	1LLUSTRATIONS. 2002, xiv-xv	0
264	Isolation, Identification and Extracellular Enzymatic Activity of Culturable Extremely Halophilic Archaea and Bacteria of IncheBoroun Wetland. 56, 40-51	O
263	Population genetic assessment of digantocalamus malpenensis K.M. Wong (Poaceae: Bambusoideae: Bambuseae) and implications for bamboo silviculture.	O
262	Behavioural and phylogeographic observations on Epipomponia nawai (Dyer, 1904): an East Asian moth (Lepidoptera; Epipyropidae) whose larvae are ectoparasitic on cicadas (Hemiptera; Cicadidae; Sonatini). <b>2022</b> , 102007	O
261	Sulfitobacter albidus sp. nov., isolated from marine sediment of Jeju Island. 2022, 204,	0
260	Investigation of B-atp6-orfH79 distributing in Chinese populations of Oryza rufipogon and analysis of its chimeric structure.	O
259	Structural and evolutionary insights into the multidomain galectin from the red abalone Haliotis rufescens with specificity for sulfated glycans. <b>2022</b> ,	0
258	Allosteric Boost by TAB1 on the TAK1 Kinase Favorably Sculpts the Thermodynamic Landscape of Activation.	O

257	Four New Species and New Records of Orbilia from China Based on Molecular and Morphological Data. <b>2022</b> , 8, 1188	О
256	Biotechnology methods for succession of bacterial communities in polychlorinated biphenyls (PCBs) contaminated soils and isolation novel PCBs-degrading bacteria. <b>2022</b> , 12,	Ο
255	Low Genetic Polymorphism in the Immunogenic Sequences of Rhipicephalus microplus Clade C. <b>2022</b> , 10, 1909	0
254	A key virulence effector from cyst nematodes targets host autophagy to promote nematode parasitism.	Ο
253	Genetic divergence at species boundaries of the dolphinfish (Coryphaena hippurus) in the Tropical Eastern Pacific. 10, e14389	О
252	A New Species of Myxobolus (Cnidaria: Myxosporea: Myxobolidae) from the Fins of the Western Creek Chubsucker, Erimyzon claviformis (Cypriniformes: Catostomidae), from Arkansas. <b>2022</b> , 108,	Ο
251	Native Rhizobia Improve Plant Growth, Fix N2, and Reduce Greenhouse Emissions of Sunnhemp More than Commercial Rhizobia Inoculants in Florida Citrus Orchards. <b>2022</b> , 11, 3011	Ο
250	Immune Monitoring of Paediatric Patients Infected with Rickettsia rickettsii, Ehrlichia canis and Coinfected. <b>2022</b> , 11, 1351	Ο
249	Correlation between microbial communities and key odourants in fermented capsicum inoculated with Pediococcus pentosaceus and Cyberlindnera rhodanensis.	О
248	Plant growth promoting and antimicrobial functionalities of rhizosphere Pseudomonas species in flooded rice soils of coastal Odisha.	Ο
247	Distribution and Identification of Ulva aragoensis (Ulvaceae, Chlorophyta), a Constituent Species of Green Tides in the Southern Yellow Sea, Based on Molecular Data. <b>2022</b> , 10, 1767	Ο
246	Insights into the structure and composition of mineralized hard cocoons constructed by the oriental moth, Monema (Cnidocampa) flavescens Walker. <b>2022</b> , 103878	Ο
245	Identification and Characterization of the HD-Zip Gene Family and Dimerization Analysis of HB7 and HB12 in Brassica napus L <b>2022</b> , 13, 2139	Ο
244	Development of a Novel HTLV-1 Protease: Human Fcll Recombinant Fusion Molecule in the CHO Eukaryotic Expression System.	Ο
243	Responses of ABCB and ABCC transporters to the toxic dinoflagellate Prorocentrum lima in the mussel Perna viridis. <b>2023</b> , 254, 106368	1
242	Molecular cloning and characterization of NLRX1 from orange-spotted grouper (Epinephelus coioides) as a mediator of ROS production through its LRR domains. <b>2023</b> , 565, 739146	O
241	Pocket structures of surface protrusions shared among serologically distinct nervous necrosis viruses (NNVs) were predicted in silico to bind to sialylated N-glycans, a host cellular receptor. <b>2023</b> , 565, 739157	0
240	Phylogenetic analysis of the genus Miscanthus and its relative genera (Poaceae) in China. <b>2023</b> , 192, 116113	Ο

239	Functional characterization of IL-18 receptor subunits, IL-18Rand IL-18Rand its natural inhibitor, IL-18 binding protein (IL-18BP) in rainbow trout Oncorhynchus mykiss. <b>2023</b> , 140, 104610	0
238	Characterization and expression analysis of the interferon regulatory factor (IRF) gene family in zig-zag eel (Mastacembelus armatus) against Aeromonas veronii infection. <b>2023</b> , 140, 104622	Ο
237	Description of Pseudogemmobacter faecipullorum sp. nov., isolated from poultry manure. <b>2022</b> , 369,	0
236	Discovery, Genomic Sequence Characterization and Phylogenetic Analysis of Novel RNA Viruses in the Turfgrass Pathogenic Colletotrichum spp. in Japan. <b>2022</b> , 14, 2572	Ο
235	Molecular characterization and phylogenetic relationships in Asiatic Vigna using ITS and cpDNA loci.	0
234	Application of microalgae Chlamydomonas applanata M9V and Chlorella vulgaris S3 for wheat growth promotion and as urea alternatives. 13,	Ο
233	Heterologous expression of MiMLDP, a major lipid droplet protein of the microalga Myrmecia incisa, in Saccharomyces cerevisiae promotes more triacylglycerol storage principally by enlarging lipid droplet size.	0
232	Brittle culm 3, encoding a cellulose synthase subunit 5, is required for cell wall biosynthesis in barley (Hordeum vulgare L.). 13,	Ο
231	Fructobacillus apis sp. nov., isolated from the gut of honeybee (Apis mellifera). 2022, 72,	0
230	Characterization and response of two potato receptor-like kinases to cyst nematode infection. <b>2022</b> , 17,	Ο
229	Systemic Infection of Mycobacterium abscessus in a Free-Ranging Wild Eurasian Eagle Owl (Bubo bubo). <b>2022</b> , 58,	0
228	Phosphorus-Solubilizing Capacity of Mortierella Species Isolated from Rhizosphere Soil of a Poplar Plantation. <b>2022</b> , 10, 2361	O
227	Haemosporidian parasites in the ash-breasted Sierra finch (Geospizopsis plebejus): insights from an Andean dry forest population. <b>2023</b> , 150, 115-128	0
226	Rock island melody remastered: two new species in the Afroedura bogerti Loveridge, 1944 group from Angola and Namibia. <b>2022</b> , 98, 435-453	1
225	Transcriptome Profiling and TCP Family Analysis of Broomcorn Millet (Panicum miliaceum L.) Seedlings Under Hyperosmotic Stress.	0
224	Distribution characteristics of green algal micro-propagules in the East China Sea in winter and their relationship with green tide macroalgae in the Yellow Sea. <b>2022</b> , 190, 102308	Ο
223	Characterization of a novel mycotombus-like virus from the plant pathogenic fungus Phoma matteucciicola.	0
222	Succinivibrio faecicola sp. nov., isolated from cow faeces. <b>2022</b> , 72,	Ο

221	Spiribacter halobius sp. nov., a novel halophilic Gammaproteobacterium with a relatively large genome. 9,	О
220	Halomonas binhaiensis sp. nov., isolated from saline-alkali soil. <b>2022</b> , 72,	O
219	Proposal to reclassify Aquiflexum aquatile into a novel genus as Cognataquiflexum aquatile gen. nov., comb. nov., and description of Cognataquiflexum nitidum sp. nov. and Cognataquiflexum rubidum sp. nov., isolated from freshwater lakes on the Tibetan Plateau. <b>2022</b> , 72,	О
218	Exophiala yunnanensis and Exophiala yuxiensis (Chaetothyriales, Herpotrichiellaceae), two new species of soil-inhabiting Exophiala from Yunnan Province, China. 94, 109-124	O
217	Molecular characterizations of TLR1 and TLR2 in Qihe crucian carp (Carassius auratus) and responses to stimulations of Aeromonas hydrophila and TLR ligands.	О
216	Genome-Wide Identification and Expression Analysis of SWEET Family Genes in Sweet Potato and Its Two Diploid Relatives. <b>2022</b> , 23, 15848	O
215	Lysobacter lactosilyticus sp. nov., a Novel EGalactosidase Producing Bacterial Strain Isolated from Farmland Soil Applied with Amino Acid Fertilizer. <b>2023</b> , 80,	О
214	Brevibacillus daliensis sp. nov., Isolated From Soil in Machangqing Nature Reserve. <b>2023</b> , 80,	O
213	Diversity of Endophytic Fungi in Annual Shoots of Prunus mandshurica (Rosaceae) in the South of Amur Region, Russia. <b>2022</b> , 14, 1124	0
212	Allium sulaimanicum: A new Allium species and section from Pakistan. 13,	O
211	Origin and evolutionary history of Populus (Salicaceae): Further insights based on time divergence and biogeographic analysis. 13,	О
210	Genetic Diversity Evaluation and Conservation of Topmouth Culter (Culter alburnus) Germplasm in Five River Basins in China. <b>2023</b> , 12, 12	O
209	Susceptibility of fig cultivars to Diaporthe canker in Iran.	1
208	Diversity of Trichoderma species associated with soil in the Zoige alpine wetland of Southwest China. <b>2022</b> , 12,	1
207	Torulaspora jiuxiensis sp. nov., a novel yeast species isolated from rotting wood. <b>2022</b> , 72,	0
206	Improvement of Zn (II) and Cd (II) Biosorption by Priestia megaterium PRJNA526404 Isolated from Agricultural Waste Water. <b>2022</b> , 10, 2510	0
205	Genetic Diversity, Haplotype Relationships, and kdr Mutation of Malaria Anopheles Vectors in the Most Plasmodium knowlesi-Endemic Area of Thailand. <b>2022</b> , 7, 412	О
204	Genome-wide comparison and identification of myosin gene family in Arabidopsis thaliana and Helianthus annuus. <b>2022</b> , 8, e12070	O

203	A new contribution to Megasporoporia sensu lato: Six new species and three new combinations. 13,	1
202	Identification of Peanut AhMYB44 Transcription Factors and Their Multiple Roles in Drought Stress Responses. <b>2022</b> , 11, 3522	O
201	Low level of DNA variation in blast resistance Pi-ta gene of wild, weedy rice and Thai jasmine rice Khao Dawk Mali 105.	0
200	Piper caninum extract and Brevibacillus agri mixture suppresses rice leaf spot pathogen; Nigrospora oryzae and improves the production of red rice (Oryza sativa L). 6,	o
199	Devosia oryzisoli sp. nov., a novel moderately halotolerant bacterium isolated from the roots of rice plants and genome mining revealed the biosynthesis potential as plant growth promoter.	0
198	Genes of NAD+-Dependent Formate Dehydrogenases in Taxonomy of Aerobic Methylotrophic Bacteria of the Genus Ancylobacter. <b>2022</b> , 91, 834-838	O
197	Cedecea sulfonylureivorans sp. nov., a novel chlorimuron-ethyldegrading bacterium isolated from an herbicides-degrading consortium. <b>2023</b> , 205,	0
196	Cryptic Lineage and Genetic Structure of Acanthopagrus pacificus Populations in a Natural World Heritage Site Revealed by Population Genetic Analysis. <b>2022</b> , 14, 1117	o
195	Morphological characterization and pathogenicity of Colletotrichum aenigma and C. siamense causing anthracnose on Euonymus japonicus in Beijing, China.	O
194	Evaluation of Native Bacterial Isolates for Control of Cucumber Powdery Mildew under Greenhouse Conditions. <b>2022</b> , 8, 1143	o
193	The B-type response regulator GmRR11d mediates systemic inhibition of symbiotic nodulation. <b>2022</b> , 13,	1
192	Comprehensive identification and expression analyses of the SnRK gene family in Casuarina equisetifolia in response to salt stress. <b>2022</b> , 22,	O
191	Genetic Diversity of Four Populations of Silver Carp (Hypophthalmichthys molitrix) Based on Mitochondrial Sequences.	0
190	Delphinieae flowers originated from the rewiring of interactions between duplicated and diversified floral organ identity and symmetry genes.	o
189	Paraconexibacter antarcticus sp. nov., a novel actinobacterium isolated from Antarctic tundra soil. <b>2022</b> , 72,	0
188	Morphological and genetic analysis of Ceratomyxa saurida Zhao et al. 2015 and Ceratomyxa mai sp. nov. (Myxozoa: Ceratomyxidae) from the East China Sea. <b>2023</b> , 73,	O
187	Characterization of the First Alternavirus Identified in Fusarium avenaceum, the Causal Agent of Potato Dry Rot. <b>2023</b> , 15, 145	О
186	Caproiciproducens faecalis sp. nov., Isolated from Cow Faeces. <b>2023</b> , 80,	O

185	Analysis of the Mitogenomes of Two Helotid Species Provides New Insights into the Phylogenetic Relationship of the Basal Cucujoidea (Insecta: Coleoptera). <b>2023</b> , 12, 135	0
184	Genetic evidence for Colletotrichum gloeosporioides transmission between the invasive plant Ageratina adenophora and co-occurring neighbor plants.	О
183	Diversification of Sinorhizobium populations associated with Medicago polymorpha and Medicago lupulina in purple soil of China. 13,	0
182	Cytospora paraplurivora sp. nov. isolated from orchards with fruit tree decline syndrome in Ontario, Canada. <b>2023</b> , 18, e0279490	О
181	Alternaria alternata, the Causal Agent of a New Needle Blight Disease on Pinus bungeana. 2023, 9, 71	1
180	Structural Basis for the IgE-Binding Cross-Reacting Epitopic Peptides of Cup s 3, a PR-5 Thaumatin-like Protein Allergen from Common Cypress (Cupressus sempervirens) Pollen. <b>2023</b> , 3, 11-24	О
179	Characterization of an endo-1,3-fucanase from marine bacterium Wenyingzhuangia aestuarii: The first member of a novel glycoside hydrolase family GH174. <b>2023</b> , 120591	O
178	Genetic Diversity and Cryptic Species Identification of Genus Triplophysa from River Swat in Malakand Division, Khyber Pakhtunkhwa, Pakistan. <b>2023</b> , 2023, 1-8	О
177	Novel insights into the reproductive strategies of wild Chinese sturgeon (Acipenser sinensis) populations based on the kinship analysis. <b>2023</b> , 100134	1
176	Commelina danxiaensis (Commelinaceae), a new species from Guangdong, China. 218, 117-126	O
175	Structural characterization on a lagarase Aga86A_Wa from Wenyingzhuangia aestuarii reveals the prevalent methyl-galactose accommodation capacity of GH86 enzymes at subsite <b>1.2023</b> , 120594	O
174	RGS4 impacts carbohydrate and siderophore metabolism in Trichoderma reesei.	O
173	High prevalence of hepatitis A and E viruses in environmental and clinical samples from West Argentina. <b>2023</b> , 102738	O
172	Cystic echinococcosis in cattle (Bos taurus) from rural communities of Limpopo National Park, Gaza province, Mozambique: a One Health perspective.	О
171	Insights into the divergent evolution of the oceanic squid Sthenoteuthis oualaniensis (Lesson, 1830) (Cephalopoda: Ommastrephidae) from the Indian Ocean.	O
170	Genetic basis underlying Lassa fever endemics in the Mano River region, West Africa. 2023, 579, 128-136	О
169	Species delimitation in Ceratozamia (Zamiaceae) from Southwestern Mexico, in light of reproductive and climatic diversification.	O
168	First Mitogenome of Endangered Enteromius thysi (Actinopterygii: Cypriniformes: Cyprinidae) from Africa: Characterization and Phylogeny. <b>2023</b> , 8, 25	1

167	Mitochondrial DNA and Distribution Modelling Evidenced the Lost Genetic Diversity and Wild-Residence of Star Tortoise, Geochelone elegans (Testudines: Testudinidae) in India. <b>2023</b> , 13, 150	0
166	Isolation and Molecular Confirmation of an indole-negative <i>Klebsiella oxytoca</i> isolated from a patient with cystitis. <b>2022</b> ,	O
165	Genome-scale metabolic reconstruction of 7,302 human microorganisms for personalized medicine.	1
164	Mahabalella pernambucana, a new hyphomycete from Brazil with notes on its phylogenetic positioning. 37,	O
163	Integrative taxonomy for the traditional coccidians (Chromista: Miozoa: Eimeriidae) from island canaries (Aves: Passeriformes: Fringillidae): Worldwide distribution, morphological and molecular characterization, revaluations and establishment of junior synonyms.	0
162	Morphological characterization and genetic diversity of a new microsporidium, Neoflabelliforma dubium n. sp. from the adipose tissue of Diaphanosoma dubium (Crustacea: Sididae). 13,	O
161	Genomic analysis of an ultrasmall freshwater green alga, Medakamo hakoo. 2023, 6,	0
160	Genome-Wide Identification and Functional Characterization of Stress Related Glyoxalase Genes in Brassica napus L <b>2023</b> , 24, 2130	O
159	Vibrio sinus sp. nov., a marine bacterium isolated from coastal seawater. <b>2023</b> , 73,	O
158	Vibrio amylolyticus sp. nov. and Vibrio gelatinilyticus sp. nov., two marine bacteria isolated from surface seawater of Qingdao. <b>2023</b> , 73,	O
157	Diversity and Antimicrobial Activities of Actinobacteria Isolated from Mining Soils in Midelt Region, Morocco. <b>2023</b> , 2023, 1-19	0
156	A Wider and Deeper Peptide-Binding Groove for the Class I Molecules from B15 Compared with B19 Chickens Correlates with Relative Resistance to Marek Disease.	O
155	Calnexin, More Than Just a Molecular Chaperone. <b>2023</b> , 12, 403	0
154	A new isolate of Mesorhabditis monhystera (BEschli, 1873) Dougherty, 1955 (Rhabditida: Rhabditidae): re-evaluated with molecular data and scanning electron microscopic observations. <b>2023</b> , 97,	O
153	Actinomadura terrae sp. nov. and Actinomadura litoris OS3-89, isolated from rhizosphere soil of cactus. <b>2023</b> , 73,	O
152	DNA Barcoding of Morphologically Characterized Mosquitoes Belonging to the Genus Mansonia from the Atlantic Forest and Brazilian Savanna. <b>2023</b> , 14, 109	0
151	Bacillus litorisediminis sp. nov., a Thermophilic Bacterium Isolated from Mangrove Sediment. <b>2023</b> , 80,	О
150	Compost-derived thermophilic microorganisms producing glycoside hydrolase activities as new potential biocatalysts for sustainable processes. <b>2023</b> , 10,	O

149	Complete genome sequence of a novel mycovirus from Pleurotus citrinopileatus. 2023, 168,	О
148	Two new species of Hymenochaetaceae from tropical Asia and America. 12,	O
147	Characterization of the REVEILLE family in Rosaceae and role of PbLHY in flowering time regulation. <b>2023</b> , 24,	0
146	Complete genome sequence of a novel fusarivirus from Rhizoctonia solani AG-3 PT strain 3P-2-2. <b>2023</b> , 168,	o
145	Phylogeography and introgression between Pinus kesiya and P. yunnanensis in Southeast Asia.	O
144	Morphological and molecular characterization of Hysterothylacium spp. parasitizing Pomatomus saltatrix and Pagrus pagrus of the State of SB Paulo, Brazil. <b>2023</b> , 95,	O
143	Field isolates of Monilinia fructicola Change resistance pattern to greater sensitivity to thiophanate-methyl in recent populations.	0
142	Investigation of B-atp6-orfH79 distributing in Chinese populations of Oryza rufipogon and analysis of its chimeric structure. <b>2023</b> , 23,	O
141	Recent status and distribution pattern of cotton leaf curl disease in Northwest India: an alarming situation in future cotton cultivation. <b>2017</b> , 87,	2
140	Genome Iwide Analysis and Characterization of Eucalyptus grandis TCP Transcription Factors.	O
139	Global expansion of a solitary-social tropical spitting spider shaped by multiple long-distance dispersals. <b>2023</b> , 2023,	O
138	Quality analysis of genomic DNA and authentication of fisheries products based on distinct methods of DNA extraction. <b>2023</b> , 18, e0282369	o
137	Genome-wide identification and expression pattern analysis of R2R3-MYB transcription factor gene family involved in puerarin biosynthesis and response to hormone in Pueraria lobata var. thomsonii. <b>2023</b> , 23,	О
136	Frateuria soli sp. nov. and Frateuria edaphi sp. nov., isolated from greenhouse soil. 2023, 73,	O
135	Comparative analysis of genetic diversity, growth performance, disease resistance and expression of growth and immune related genes among five different stocks of Labeo rohita (Hamilton, 1822). <b>2023</b> , 567, 739277	О
134	Evolutionary History and Taxonomic Reclassification of the Critically Endangered Daggernose Shark, a Species Endemic to the Western Atlantic. <b>2023</b> , 2023, 1-16	O
133	Production and Characterisation of an Exopolysaccharide by Bacillus amyloliquefaciens: Biotechnological Applications. <b>2023</b> , 15, 1550	0
132	Phosphate-solubilizing fungi in riparian sediment of Xiangxi Bay (China) and implications of phosphorus pollution control.	O

131	Isolation and Screening of Polyhydroxybutyrate (PHB) Producing Bacteria from Soils.	O
130	Collinsella urealyticum sp. nov., a urease-positive bacterial strain isolated from swine faeces. <b>2023</b> , 205,	O
129	Genome-wide identification, classification and expression analysis of the JmjC domain-containing histone demethylase gene family in Moso bamboo (Phyllostachys edulis). <b>2023</b> , 157, 335-345	O
128	Single cell oil of oleaginous marine microbes from Saudi Arabian mangroves as a potential feedstock for biodiesel production. <b>2023</b> , 35, 102615	O
127	Ganoderma lucidum ethanol extract promotes weight loss and improves depressive-like behaviors in male and female Swiss mice. <b>2023</b> , 265, 114155	О
126	Tomato SlSTK is involved in glucose response and regulated by the ubiquitin ligase SlSINA4. <b>2023</b> , 331, 111672	O
125	Molecular phylogeny reveals distinct population of Xenopeltis unicolor (Squamata: Xenopeltidae) in Andaman and Nicobar Islands, India. <b>2023</b> , 27, 100172	О
124	Molecular characterization and expression analyses of five genes involved in the MyD88-dependent pathway of yellow catfish (Pelteobagrus fulvidraco) responding to challenge of Aeromonas hydrophila. <b>2023</b> , 108712	O
123	Ectobacillus ponti sp. nov., a novel bacterium isolated from Pearl River Estuary. 2023, 73,	O
122	Expression and functional analyses for estrogen receptor and estrogen related receptor of Yesso scallop, Patinopecten yessoensis. <b>2023</b> , 231, 106302	O
121	Ca 2+ deficiency triggers panicle degeneration in rice mediated by Ca 2+ /H + exchanger OsCAX1a. <b>2023</b> , 46, 1610-1628	O
120	The RALF Signaling Pathway Regulates Cell Wall Integrity during Pollen Tube Growth in Maize.	O
119	Parabacteroides faecalis sp. nov. Isolated from Swine Faeces. <b>2023</b> , 80,	O
118	Genetic diversity of Contracaecum rudolphii sp. A (Nematoda: Anisakidae) parasitizing the European Shag Phalacrocorax aristotelis desmarestii from the Spanish Mediterranean coast. 10,	O
117	Arthrobacter hankyongi sp. nov., Isolated From Wet Land. <b>2023</b> , 80,	0
116	Genomic identification of cotton SAC genes branded ovule and stress-related key genes in Gossypium hirsutum. 14,	O
115	Two new corticioid species of Phanerochaetaceae (Polyporales, Basidiomycota) from Southwest China. 13,	1
114	A New Species of Neoscytalidium hylocereum sp. nov. Causing Canker on Red-Fleshed Dragon Fruit (Hylocereus polyrhizus) in Southern Thailand. <b>2023</b> , 9, 197	O

113	Impacts of Sourdough Technology on the Availability of Celiac Peptides from Wheat ⊞and EGliadins: In Silico Approach. <b>2023</b> , 3, 39-57	O
112	Diversity of Mycoviruses Present in Strains of Binucleate Rhizoctonia and Multinucleate Rhizoctonia, Causal Agents for Potato Stem Canker or Black Scurf. <b>2023</b> , 9, 214	O
111	Identification and Analysis of Phosphatidylethanolamine-Binding Protein Family Genes in the Hangzhou White Chrysanthemum (Chrysanthemum morifolium Ramat). <b>2023</b> , 13, 374	O
110	Fine Mapping of a Pleiotropic Locus (BnUD1) Responsible for the Up-Curling Leaves and Downward-Pointing Siliques in Brassica napus. <b>2023</b> , 24, 3069	O
109	Muricauda spongiicola sp. nov., isolated from the sponge Callyspongia elongata. 2023, 73,	O
108	A single nucleotide substitution in the MATE transporter gene regulates plastochron and many noded dwarf phenotype in barley (Hordeum vulgare L.). <b>2023</b> ,	0
107	The Bcl-2-associated athanogene gene family in tobacco (Nicotiana tabacum) and the function of NtBAG5 in leaf senescence. 14,	0
106	Genetic diversity study of Chrysoperla carnea (Neuroptera: Chrysopidae) populations via molecular markers. <b>2022</b> , 54, 1295-1312	0
105	Production and physicochemical properties of fungal chitosans with efficacy to inhibit mycelial growth activity of pathogenic fungi. <b>2023</b> , 525, 108762	0
104	Overexpression of CcFALDH from spider plant (Chlorophytum comosum) enhances the formaldehyde removing capacity of transgenic gloxinia (Sinningia speciosa) 1. <b>2023</b> , 223, 115466	0
103	Hypoviral-regulated HSP90 co-chaperone p23 (CpCop23) determines the colony morphology, virulence, and viral response of chestnut blight fungus Cryphonectria parasitica. <b>2023</b> , 24, 413-424	0
102	Planthopper salivary sheath protein LsSP1 contributes to manipulation of rice plant defenses. <b>2023</b> , 14,	0
101	Mitochondriomics of Clarias Fishes (Siluriformes: Clariidae) with a New Assembly of Clarias camerunensis: Insights into the Genetic Characterization and Diversification. <b>2023</b> , 13, 482	O
100	Biodiversity of Fungi Inhabiting European Blueberry in North-Western Russia and in Finland. <b>2022</b> , 507, 441-455	O
99	Lactococcus intestinalis sp. nov., a new lactic acid bacterium isolated from intestinal contents in Alzheimer disease mice.	0
98	Prevalence and genetic diversity in bovine parechovirus infecting Japanese cattle. 2023, 168,	0
97	Bacteroides rhinocerotis sp. nov., isolated from the fresh feces of rhinoceros in Beijing Zoo.	О
96	Barnettozyma menglunensis f.a., sp. nov., a novel yeast species isolated from rotting wood. <b>2023</b> , 73,	O

95	Molecular characterization, developmental biology, and life table of ladybird beetle, Micraspis discolor and its predatory potential against Aphis gossypii. 1-11	O
94	Evaluation of efficacy and mechanism of Bacillus velezensis CB13 for controlling peanut stem rot caused by Sclerotium rolfsii. 14,	O
93	Gut bacteria of woodboring Streltzoviella insularis and their involvement in pinoresinol degradation of ash tree (Fraxinus spp.) host.	O
92	A New Species of the Genus Achalinus (Squamata: Xenodermidae) from the Dabie Mountains, Anhui, China. <b>2023</b> , 13, 708	O
91	Giardiasis in children and dogs, and the first report of assemblage E in dogs from northeastern Brazil. <b>2023</b> , 32,	O
90	Genome-Wide Analysis of SIMILAR TO RCD ONE (SRO) Family Revealed Their Roles in Abiotic Stress in Poplar. <b>2023</b> , 24, 4146	O
89	The complete mitochondrial genome of Triplax ainonia Lewis, 1877 (Coleoptera: Erotylidae). <b>2023</b> , 8, 297-300	O
88	Synthesis of 12-aminododecenoic acid by coupling transaminase to oxylipin pathway enzymes. <b>2023</b> , 107, 2209-2221	O
87	Azospirillum Aestuarii sp. nov., a Novel Nitrogen-Fixting and Aerobic Denitrifying Bacteria Isolated from an Estuary of a Freshwater River. <b>2023</b> , 80,	O
86	Amblyopinae Mitogenomes Provide Novel Insights into the Paraphyletic Origin of Their Adaptation to Mudflat Habitats. <b>2023</b> , 24, 4362	O
85	Incidence and Epidemiology of Citrus Viroids in Greece: Role of Host and Cultivar in Epidemiological Characteristics. <b>2023</b> , 15, 605	1
84	Arthrobacter mangrovi sp. nov., an actinobacterium isolated from the rhizosphere of a mangrove. <b>2023</b> , 73,	O
83	Protein sequence analysis. <b>2023</b> , 217-223	O
82	GENETIC DIVERSITY OF THE EAST EUROPEAN VOLE (MICROTUS ROSSIAEMERIDIONALIS) IN BELARUS. <b>2022</b> , 33, 119-128	O
81	Improvement of Laccase Production by Thielavia terrestris Co3Bag1. Enhancing the Bio-Catalytic Performance of the Native Thermophilic TtLacA via Immobilization in Copper Alginate Gel Beads. <b>2023</b> , 9, 308	O
80	Do Deep Mitochondrial DNA Divergences within Intertidal Gastropods Reveal Phylogeographic Signals from Earlier Glacial Cycles?. <b>2023</b> , 15, 346	O
79	Prevalence and Subtype Distribution of Blastocystis in Tibetan Sheep in Qinghai Province, Northwestern China. <b>2023</b> , 174, 125948	O
78	Genome-wide survey of HMA gene family and its characterization in wheat (Triticum aestivum). 11, e14920	O

77	Corynebacterium guaraldiae sp. nov.: a new species of Corynebacterium from human infections.	О
76	Genome-Wide Identification and Expression Analysis of the HSF Gene Family in Poplar. 2023, 14, 510	O
75	A contribution to Porogramme (Polyporaceae, Agaricomycetes) and related genera. 2023, 14,	О
74	Genetic diversity of Toll-like receptor 9 in swamp eels ( Monopterus albus ).	O
73	Two Novel Species of Mesophoma gen. nov. from China. <b>2023</b> , 80,	О
72	Genome-wide analysis of bromodomain gene family in Arabidopsis and rice. 14,	O
71	Characterization of a novel mycotombus-like virus from the plant-pathogenic fungus Phoma matteucciicola. <b>2023</b> , 168,	О
70	Intraspecific genetic diversity of the fish-infecting microsporidian parasite Pseudokabatana alburnus (Microsporidia). 14,	O
69	Genome-wide identification of bHLH transcription factors and their response to salt stress in Cyclocarya paliurus. 14,	О
68	Barcoding of white-spotted stink bug, Eysarcoris ventralis (Westwood) (Hemiptera: Pentatomidae) attacking Egyptian barley and its population density.	O
67	Suppression of Fusarium Wilt in Watermelon by Bacillus amyloliquefaciens DHA55 through Extracellular Production of Antifungal Lipopeptides. <b>2023</b> , 9, 336	O
66	A new species of Gracixalus (Anura, Rhacophoridae) from northwestern Vietnam. 1153, 15-35	O
65	The Overwintering Capability of Ulva prolifera Spores and Gametes in the Yellow Sea, China. <b>2023</b> , 22, 509-516	О
64	Thioredoxin-2 Regulates SqrR-Mediated Polysulfide-Responsive Transcription via Reduction of a Polysulfide Link in SqrR. <b>2023</b> , 12, 699	O
63	Detection of hop stunt viroid variants from naturally infected kumquat and limequat trees in Mazandaran Province, Iran.	0
62	The chalara-like anamorphs of Leotiomycetes. <b>2023</b> , 119, 213-490	O
61	Molecular phylogeny and morphology reveal four new species of Thelephora (Thelephorales, Basidiomycota) from subtropical China, closely related to T. ganbajun. 14,	О
60	Plastome-based backbone phylogeny of East Asian Phedimus (Subgenus Aizoon: Crassulaceae), with special emphasis on Korean endemics. 14,	O

59	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. <b>2023</b> , 15, 425	О
58	The transcription factor GhWRKY70 from gossypium hirsutum enhances resistance to verticillium wilt via the jasmonic acid pathway. <b>2023</b> , 23,	O
57	Diverse branching forms regulated by a core auxin transport mechanism in plants. 2023, 150,	O
56	Microbacterium tenebrionis sp. nov. and Microbacterium allomyrinae sp. nov., isolated from larvae of Tenebrio molitor L. and Allomyrina dichotoma, respectively. <b>2023</b> , 73,	O
55	Paenibacillus mangrovi sp. nov., a novel endophytic bacterium isolated from bark of Kandelia candel. <b>2023</b> , 73,	O
54	Description of Alkalimarinus coralli sp. nov., isolated from tissue of the coral Pocillopora damicornis. <b>2023</b> , 73,	O
53	Aquiflexum gelatinilyticum sp. nov., isolated from river water. <b>2023</b> , 73,	O
52	Salinibacterium sedimenticola sp. nov., Isolated from Tidal Flat Sediment. <b>2023</b> , 80,	O
51	Baseline Analysis of Endophytic Fungal Associates of Solenopsis invicta Buren from Mounds across Five Counties of Guangdong Province, China. <b>2023</b> , 9, 377	O
50	SCARECROW maintains the stem cell niche in Arabidopsis roots by ensuring telomere integrity.	O
49	Genetic Diversity of Dengue Vector Aedes albopictus Collected from South Korea, Japan, and Laos. <b>2023</b> , 14, 297	0
48	Identification, molecular characterization and risk factors ofTheileriainfection among sheep: a first comprehensive report from North India. 1-13	O
47	Genetic Characterization and Insular Habitat Enveloping of Endangered Leaf-Nosed Bat, Hipposideros nicobarulae (Mammalia: Chiroptera) in India: Phylogenetic Inference and Conservation Implication. <b>2023</b> , 14, 765	О
46	Genome-Wide Identification and Functional Analysis of the Roles of SAUR Gene Family Members in the Promotion of Cucumber Root Expansion. <b>2023</b> , 24, 5940	O
45	Chestnut Brown Rot and Gnomoniopsis smithogilvyi: Characterization of the Causal Agent in Portugal. <b>2023</b> , 9, 401	О
44	Qipengyuania spongiae sp. nov., isolated from marine sponge Cinachyrella kuekenthali. <b>2023</b> , 73,	O
43	Comparative Analysis of Chloroplast Genome of Desmodium stryacifolium with Closely Related Legume Genome from the Phaseoloid Clade. <b>2023</b> , 24, 6072	O
42	Complete Genome Sequence of Streptomyces sp. HP-A2021, a Promising Bacterium for Natural Product Discovery.	O

41	Possible species discrimination of a blotched nerite Nerita albicilla with their distribution pattern and demographic history in the Indo-Pacific. <b>2023</b> , 13,	О
40	Lasiodiplodiaspecies associated with mango (Mangifera indicaL.) decline in Burkina Faso and influence of climatic factors on the disease distribution.	O
39	Genome-wide identification of the TIFY family reveals JAZ subfamily function in response to hormone treatment in Betula platyphylla. <b>2023</b> , 23,	О
38	Genetic Diversity of Asian Vigna Species (Subgenus Ceratotropis; Genus Vigna) in India Based on ITS2 Sequences Data.	О
37	Morpho-molecular characterisation of angular leaf spot pathogen and identification of new sources of resistance in North-western Himalayan common beans.	0
36	Phenotypic variations among Laudakia stellio populations in Anatolia: Colour, colour pattern, and phylogeny (Reptilia: Agamidae). 1-19	o
35	Bacteriolytic activity in saliva of the hematophagous Triatoma infestans (Reduviidae) and novel characterization and expression site of a third lysozyme.	О
34	Euphorbia helioscopia a Putative Plant Reservoir of Pathogenic Curtobacterium flaccumfaciens. <b>2023</b> , 80,	О
33	Sulfurospirillum tamanensis sp. nov., a Facultatively Anaerobic Alkaliphilic Bacterium from a Terrestrial Mud Volcano. <b>2023</b> , 92, 21-29	О
32	Meretrix taiwanica (Bivalvia: Veneridae), a previously misidentified new species in Taiwan. 1-10	О
31	Whole-genome identification and salt- and ABA-induced expression trends of the Nicotiana tabacum CKX gene family.	0
30	Bacteroides rhinocerotis sp. nov., isolated from the fresh feces of rhinoceros in Beijing Zoo. <b>2023</b> , 205,	O
29	Identification of Orbivirus Non-Structural Protein 5 (NS5), Its Role and Interaction with RNA/DNA in Infected Cells. <b>2023</b> , 24, 6845	О
28	Spencerozyma pingqiaoensis sp. nov., a yeast species isolated from the external surface of rice leaves in China. <b>2023</b> , 73,	O
27	Limimaricola litoreus sp. nov., isolated from intertidal sand of the Yellow Sea. <b>2023</b> , 73,	О
26	MORPHOLOGICAL AND MOLECULAR CHARACTERIZATION OF Isostichopus sp. IN THE COLOMBIAN CARIBBEAN SEA. <b>2018</b> , 29, 33-48	О
25	Paenibacillus dendrobii sp. nov., an indole-3-acetic acid-producing endophytic bacterium isolated from Dendrobium nobile. <b>2023</b> , 73,	О
24	Understanding the systematic implications of Pollinium morphology of Aeridinae (Orchidaceae).	О

23	Plant recognition by Trichoderma harzianumelicits upregulation of a novel secondary metabolite cluster required for colonization.	0
22	Fusarium diversity from the Golden Gate Highlands National Park. 14,	O
21	Paraflavisolibacter caeni gen. nov., sp. nov., a novel taxon within the family Chitinophagaceae isolated from sludge. <b>2023</b> , 73,	O
20	Cassava MeRS40 is required for the regulation of plant salt tolerance. <b>2023</b> ,	O
19	A discussion on the relationship of Capila omeia (Leech, 1894) and C. pseudomeia Fan & Samp; Wang, 2004 syn. n. (Hesperiidae, Pyrginae). <b>2023</b> , 5264, 587-592	0
18	Increased Clinical Signs and Mortality in IFNAR(M)Mice Immunised with the Bluetongue Virus Outer-Capsid Proteins VP2 or VP5, after Challenge with an Attenuated Heterologous Serotype. <b>2023</b> , 12, 602	O
17	Novel insights into chloroplast genome evolution in the green macroalgal genus Ulva (Ulvophyceae, Chlorophyta). 14,	O
16	Phylogenetic analyses based on molecular and morphological data reveal a new species of Strigea Abildgaard, 1790 (Digenea: Strigeidae) and taxonomic changes in strigeids infecting Neotropical birds of prey. <b>2023</b> , 97,	O
15	Characterization of the complete mitochondrial genome of Culex vishnui (Diptera: Culicidae), one of the major vectors of Japanese encephalitis virus.	0
14	Unbiased analyses of ITS folding motifs in a taxonomically confusing lineage: Anagnostidinema visiae sp. nov. (CYANOBACTERIA).	0
13	Aridibaculum aurantiacum gen. nov., sp. nov., isolated from the Kumtag Desert soil. 2023, 73,	0
12	Disruption of CHORISMATE SYNTHASE1 leads to yellow-green variegation in soybean leaves.	O
11	Solitalea agri sp. nov., a new member of the genus Solitalea isolated from rhizospheric soil of a jujube tree. <b>2023</b> , 73,	O
10	Unrecognized diversity, genetic structuring, and phylogeography of the genus Triplophysa (Cypriniformes: Nemacheilidae) sheds light on two opposite colonization routes during Quaternary glaciation that occurred in the Qilian Mountains. <b>2023</b> , 13,	O
9	Structure based virtual screening, molecular dynamic simulation to identify the oxadiazole derivatives as inhibitors of Enterococcus D-Ala-D-Ser ligase for combating vancomycin resistance. <b>2023</b> , 106965	0
8	A biotroph sets the stage for a necrotroph to play: Landidatus Phytoplasma solanilinfection of sugar beet facilitated Macrophomina phaseolina root rot. 14,	O
7	Screening for Multifarious Plant Growth Promoting and Biocontrol Attributes in Bacillus Strains Isolated from Indo Gangetic Soil for Enhancing Growth of Rice Crops. <b>2023</b> , 11, 1085	0
6	Trichoderma asperellum Extract Isolated from Brazil Nuts (Bertholletia excelsa BONPL): In Vivo and In Silico Studies on Melanogenesis in Zebrafish. <b>2023</b> , 11, 1089	O

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5	Identification and pathogenicity analysis of leaf brown spot of Juglans regia in China. 2023, 13,	Ο
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3	Identification of Spodoptera frugiperda (Lepidoptera: Noctuidae) and its two host strains in China by PCR-RFLP.	Ο
2	Landscape determinants of genetic structure for Schizopygopsis younghusbandi in the Yarlung Tsangpo River drainage, Tibetan Plateau. <b>2023</b> , 151, 110309	O
1	Lasiodiplodia species associated with mango (Mangifera indica L.) decline in Burkina Faso and influence of climatic factors on the disease distribution. <b>2023</b> , 126, 102041	O