

SignalP 4.0: discriminating signal peptides from transmembrane proteins

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Real-time light-driven dynamics of the fluorescence emission in single green fluorescent protein molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7237-7242.	3.3	171
5	Quest for Novel Muscle Pathway Biomarkers by Proteomics in Beef Production. , 2011, , 395-405.		5
6	Genome, Functional Gene Annotation, and Nuclear Transformation of the Heterokont Oleaginous Alga <i>Nannochloropsis oceanica</i> CCMP1779. <i>PLoS Genetics</i> , 2012, 8, e1003064.	1.5	376
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10	Cell Contact-Dependent Outer Membrane Exchange in Myxobacteria: Genetic Determinants and Mechanism. <i>PLoS Genetics</i> , 2012, 8, e1002626.	1.5	99
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926	Characterization of Trypsin-Like Protease of <i>Lactobacillus plantarum</i> FNCC 0270. <i>HAYATI Journal of Biosciences</i> , 2014, 21, 87-94.	0.1	8
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928	Mass Spectrometry Based Proteomic Analysis of Salivary Glands of Urban Malaria Vector <i>Anopheles stephensi</i> . <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	13
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930	Genome Sequence of <i>Pectobacterium atrosepticum</i> Strain 21A. <i>Genome Announcements</i> , 2014, 2, .	0.8	10
931	The sialotranscriptome of <i>Amblyomma triste</i> , <i>Amblyomma parvum</i> and <i>Amblyomma cajennense</i> ticks, uncovered by 454-based RNA-seq. <i>Parasites and Vectors</i> , 2014, 7, 430.	1.0	75
932	Comparative Genomics of <i>Taphrina</i> Fungi Causing Varying Degrees of Tumorous Deformity in Plants. <i>Genome Biology and Evolution</i> , 2014, 6, 861-872.	1.1	33
933	DrsG from <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> Inhibits the Antimicrobial Peptide LL-37. <i>Infection and Immunity</i> , 2014, 82, 2337-2344.	1.0	10
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935	BB0238, a Presumed Tetratricopeptide Repeat-Containing Protein, Is Required during <i>Borrelia burgdorferi</i> Mammalian Infection. <i>Infection and Immunity</i> , 2014, 82, 4292-4306.	1.0	18
936	A Novel ESX-1 Locus Reveals that Surface-Associated ESX-1 Substrates Mediate Virulence in <i>Mycobacterium marinum</i> . <i>Journal of Bacteriology</i> , 2014, 196, 1877-1888.	1.0	42
937	GxySBA ABC Transporter of <i>Agrobacterium tumefaciens</i> and Its Role in Sugar Utilization and vir Gene Expression. <i>Journal of Bacteriology</i> , 2014, 196, 3150-3159.	1.0	12
938	Structure of the virulence-associated protein VapD from the intracellular pathogen <i>Rhodococcus equi</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2139-2151.	2.5	17
939	The structure of a tetrameric Î±-carbonic anhydrase from <i>Thermovibrio ammonificans</i> reveals a core formed around intermolecular disulfides that contribute to its thermostability. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2607-2618.	2.5	47
940	Structural basis for the recognition of muramyltripeptide by <i>Helicobacter pylori</i> Csd4, a D, L-carboxypeptidase controlling the helical cell shape. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2800-2812.	2.5	20
941	Enzyme-adenylate structure of a bacterial ATP-dependent DNA ligase with a minimized DNA-binding surface. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 3043-3056.	2.5	17
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954	Plasma proteome profiling of atherosclerotic disease manifestations reveals elevated levels of the cytoskeletal protein vinculin. Journal of Proteomics, 2014, 101, 141-153.	1.2	37
955	Expansion of the <i>Litopenaeus vannamei</i> and <i>Penaeus monodon</i> peptidomes using transcriptome shotgun assembly sequence data. General and Comparative Endocrinology, 2014, 206, 235-254.	0.8	61
956	Streptococcal superantigens: categorization and clinical associations. Trends in Molecular Medicine, 2014, 20, 48-62.	3.5	97
957	Molecular characterization and possible biological roles of allatotropin in <i>Rhodnius prolixus</i> . Peptides, 2014, 53, 159-171.	1.2	17
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973	Enzymatic properties and primary structures of hyaluronidases from two species of lionfish (Pterois) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	17
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1948	Application of a systematic exoproteogenomic profiling workflow on <i>Lactobacillus mucosae</i> LM1. , 2015, , .		0
1949	SUPPRESSOR OF APICAL DOMINANCE 1 of <i>Sporisorium reilianum</i> Modulates Inflorescence Branching Architecture in Maize and Arabidopsis. <i>Plant Physiology</i> , 2015, 169, pp.01347.2015.	2.3	29
1950	<i>Fasciola gigantica</i> cathepsin B5 is an acidic endo- and exopeptidase of the immature and mature parasite. <i>Biochimie</i> , 2015, 119, 6-15.	1.3	10
1951	In-depth characterization of trypsin-like serine peptidases in the midgut of the sugar fed <i>Culex quinquefasciatus</i> . <i>Parasites and Vectors</i> , 2015, 8, 373.	1.0	11
1952	Individual intestinal symbionts induce a distinct population of ROR γ^3 regulatory T cells. <i>Science</i> , 2015, 349, 993-997.	6.0	707

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1953	Transcriptional Regulation, Metal Binding Properties and Structure of Pden1597, an Unusual Zinc Transport Protein from <i>Paracoccus denitrificans</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 11878-11889.	1.6	21
1954	The <i>Magellania venosa</i> Biomineralizing Proteome: A Window into Brachiopod Shell Evolution. <i>Genome Biology and Evolution</i> , 2015, 7, 1349-1362.	1.1	52
1955	An ALL family protein promotes type three secretion system-1-independent invasion and pathogenesis of <i>Salmonella enterica</i> serovar Typhi. <i>Cellular Microbiology</i> , 2015, 17, 486-503.	1.1	16
1956	Adipokinetic hormone signalling system in the <i>Culex</i> disease vector, <i>Culex tritaeniorhynchus</i> . <i>Insect Molecular Biology</i> , 2015, 24, 264-276.	1.0	36
1957	Draft Genome Sequence of <i>Sporidiobolus salmonicolor</i> CBS 6832, a Red-Pigmented Basidiomycetous Yeast. <i>Genome Announcements</i> , 2015, 3, .	0.8	6
1958	<i>Chrysopa septempunctata</i> (Neuroptera: Chrysopidae) Vitellogenin Functions Through Effects on Egg Production and Hatching. <i>Journal of Economic Entomology</i> , 2015, 108, 2779-2788.	0.8	29
1959	Studies on the Chitin Binding Property of Novel Cysteine-Rich Peptides from <i>Alternanthera sessilis</i> . <i>Biochemistry</i> , 2015, 54, 6639-6649.	1.2	38
1960	ATP-binding Cassette (ABC) Transport System Solute-binding Protein-guided Identification of Novel d-Altritol and Galactitol Catabolic Pathways in <i>Agrobacterium tumefaciens</i> C58. <i>Journal of Biological Chemistry</i> , 2015, 290, 28963-28976.	1.6	29
1961	Localization and Evolution of Putative Triose Phosphate Translocators in the Diatom <i>Phaeodactylum tricornutum</i> . <i>Genome Biology and Evolution</i> , 2015, 7, 2955-2969.	1.1	53
1962	Multiple Avirulence Loci and Allele-Specific Effector Recognition Control the <i>Pm3</i> Race-Specific Resistance of Wheat to Powdery Mildew. <i>Plant Cell</i> , 2015, 27, tpc.15.00171.	3.1	135
1963	Distinctive expansion of gene families associated with plant cell wall degradation, secondary metabolism, and nutrient uptake in the genomes of grapevine trunk pathogens. <i>BMC Genomics</i> , 2015, 16, 469.	1.2	168
1964	Proteomic analysis of the rare Uracoan rattlesnake <i>Crotalus vegrandis</i> venom: Evidence of a broad arsenal of toxins. <i>Toxicon</i> , 2015, 107, 234-251.	0.8	35
1965	The Genome of Winter Moth (<i>Operophtera brumata</i>) Provides a Genomic Perspective on Sexual Dimorphism and Phenology. <i>Genome Biology and Evolution</i> , 2015, 7, 2321-2332.	1.1	70
1966	Genomic Analysis of Pure Cultures and Communities. <i>Springer Protocols</i> , 2015, , 5-27.	0.1	16
1967	Loss of the nodule-specific cysteine rich peptide, NCR169, abolishes symbiotic nitrogen fixation in the <i>Medicago truncatula</i> <i>dnf7</i> mutant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15232-15237.	3.3	154
1968	Interactions between Closely Related Bacterial Strains Are Revealed by Deep Transcriptome Sequencing. <i>Applied and Environmental Microbiology</i> , 2015, 81, 8445-8456.	1.4	40
1969	Contrasting host-pathogen interactions and genome evolution in two generalist and specialist microsporidian pathogens of mosquitoes. <i>Nature Communications</i> , 2015, 6, 7121.	5.8	90
1970	Cytosolic glutamine synthetase is important for photosynthetic efficiency and water use efficiency in potato as revealed by high-throughput sequencing QTL analysis. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2143-2153.	1.8	18

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1972	Depiction of carbohydrate-active enzyme diversity in <i>Caldicellulosiruptor</i> sp. F32 at the genome level reveals insights into distinct polysaccharide degradation features. <i>Molecular BioSystems</i> , 2015, 11, 3164-3173.	2.9	17
1973	Identification and RNA Interference of the Pheromone Biosynthesis Activating Neuropeptide (PBAN) in the Common Cutworm Moth <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <i>Journal of Economic Entomology</i> , 2015, 108, 1344-1353.	0.8	19
1974	Glycine activated ion channel subunits encoded by ctenophore glutamate receptor genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6048-57.	3.3	43
1975	Immune protection of microneme 7 (EmMIC7) against <i>Eimeria maxima</i> challenge in chickens. <i>Avian Pathology</i> , 2015, 44, 392-400.	0.8	26
1976	Comparative proteomic analyses reveal that Gnt2-mediated N-glycosylation affects cell wall glycans and protein content in <i>Fusarium oxysporum</i> . <i>Journal of Proteomics</i> , 2015, 128, 189-202.	1.2	7
1977	Secretome Analysis of Lipid-Induced Insulin Resistance in Skeletal Muscle Cells by a Combined Experimental and Bioinformatics Workflow. <i>Journal of Proteome Research</i> , 2015, 14, 4885-4895.	1.8	66
1978	Comparative Genomics Including the Early-Diverging Smut Fungus <i>Cercoospora bombacis</i> Reveals Signatures of Parallel Evolution within Plant and Animal Pathogens of Fungi and Oomycetes. <i>Genome Biology and Evolution</i> , 2015, 7, 2781-2798.	1.1	16
1979	Identification, biochemical characterization, and in-vivo expression of the intracellular invertase BfrA from the pathogenic parasite <i>Leishmania major</i> . <i>Carbohydrate Research</i> , 2015, 415, 31-38.	1.1	7
1980	Isolation and Characterization of a Thionin Proprotein-processing Enzyme from Barley. <i>Journal of Biological Chemistry</i> , 2015, 290, 18056-18067.	1.6	22
1981	Dissecting the fungal biology of <i>Bipolaris papendorffii</i> : from phylogenetic to comparative genomic analysis. <i>DNA Research</i> , 2015, 22, 219-232.	1.5	29
1982	Degradation of Granular Starch by the Bacterium <i>Microbacterium aurum</i> Strain B8.A Involves a Modular α -Amylase Enzyme System with FNIII and CBM25 Domains. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6610-6620.	1.4	29
1983	A β -lactamase from cereal infecting <i>Fusarium</i> spp. catalyses the first step in the degradation of the benzoxazinone class of phytoalexins. <i>Fungal Genetics and Biology</i> , 2015, 83, 1-9.	0.9	23
1984	Quantitative Neuropeptidome Analysis Reveals Neuropeptides Are Correlated with Social Behavior Regulation of the Honeybee Workers. <i>Journal of Proteome Research</i> , 2015, 14, 4382-4393.	1.8	45
1985	Dual Organellar Targeting of Aminoacyl-tRNA Synthetases in Diatoms and Cryptophytes. <i>Genome Biology and Evolution</i> , 2015, 7, 1728-1742.	1.1	46
1986	Conservation of the Host-Interacting Proteins Tp0750 and Pallilysin among Treponemes and Restriction of Proteolytic Capacity to <i>Treponema pallidum</i> . <i>Infection and Immunity</i> , 2015, 83, 4204-4216.	1.0	15
1987	The carbon starvation response of the ectomycorrhizal fungus <i>Paxillus involutus</i> . <i>FEMS Microbiology Ecology</i> , 2015, 91, .	1.3	29
1988	Novel extracellular medium-chain-length polyhydroxyalkanoate depolymerase from <i>Streptomyces exfoliatus</i> K10 DSMZ 41693: a promising biocatalyst for the efficient degradation of natural and functionalized mcl-PHAs. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9605-9615.	1.7	21

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1990	Characterization of a new family 75 chitosanase from <i>Aspergillus</i> sp. W-2. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 362-369.	3.6	50
1991	A <i>Candida albicans</i> Strain Expressing Mammalian Interleukin-17A Results in Early Control of Fungal Growth during Disseminated Infection. <i>Infection and Immunity</i> , 2015, 83, 3684-3692.	1.0	4
1992	A survey of genes encoding H ₂ O ₂ -producing GMC oxidoreductases in 10 Polyporales genomes. <i>Mycologia</i> , 2015, 107, 1105-1119.	0.8	53
1993	Bioinformatic characterization of aspartic protease (AP) enzyme in seed plants. <i>Plant Systematics and Evolution</i> , 2015, 301, 2399-2417.	0.3	11
1994	Molecular characterization of Helja, an extracellular jacalin-related protein from <i>Helianthus annuus</i> : Insights into the relationship of this protein with unconventionally secreted lectins. <i>Journal of Plant Physiology</i> , 2015, 183, 144-153.	1.6	12
1995	Isolation and Expression Analysis of <i>CYP9A11</i> and Cytochrome P450 Reductase Gene in the Beet Armyworm (Lepidoptera: Noctuidae). <i>Journal of Insect Science</i> , 2015, 15, 122.	0.6	10
1996	The Protein BpsB Is a Poly- β -1,6-N-acetyl-d-glucosamine Deacetylase Required for Biofilm Formation in <i>Bordetella bronchiseptica</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 22827-22840.	1.6	31
1997	The allergenic protein Tha p 2 of processionary moths of the genus <i>Thaumetopoea</i> (Thaumetopoeinae.) Tj ETQq0 0,0 rgBT /Oyerlock 10	1.0	10
1998	A new Kunitz-type plasmin inhibitor from scorpion venom. <i>Toxicon</i> , 2015, 106, 7-13.	0.8	13
1999	A novel aldose-aldose oxidoreductase for co-production of D-xylonate and xylitol from D-xylose with <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9439-9447.	1.7	17
2000	Oxidation of Monolignols by Members of the Berberine Bridge Enzyme Family Suggests a Role in Plant Cell Wall Metabolism. <i>Journal of Biological Chemistry</i> , 2015, 290, 18770-18781.	1.6	83
2001	<i>Acinetobacter baumannii</i> Extracellular OXA-58 Is Primarily and Selectively Released via Outer Membrane Vesicles after Sec-Dependent Periplasmic Translocation. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7346-7354.	1.4	41
2002	Prediction of the neuropeptidomes of members of the Astacidea (Crustacea, Decapoda) using publicly accessible transcriptome shotgun assembly (TSA) sequence data. <i>General and Comparative Endocrinology</i> , 2015, 224, 38-60.	0.8	42
2003	In silico prediction of a neuropeptidome for the eusocial insect <i>Mastotermes darwiniensis</i> . <i>General and Comparative Endocrinology</i> , 2015, 224, 69-83.	0.8	23
2004	Optimization of the production and molecular characterization of cellulase-free xylanase from an alkalophilic <i>Bacillus subtilis</i> SD8 isolated from paper mill effluent. <i>Applied Biochemistry and Microbiology</i> , 2015, 51, 551-559.	0.3	7
2005	Genome-wide analysis of esterase-like genes in the striped rice stem borer, <i>Chilo suppressalis</i> . <i>Genome</i> , 2015, 58, 323-331.	0.9	5
2006	Functional characterization of the UDP-xylose biosynthesis pathway in <i>Rhodothermus marinus</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9463-9472.	1.7	5

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2008	Whole-genome sequencing suggests a chemokine gene cluster that modifies age at onset in familial Alzheimer's disease. <i>Molecular Psychiatry</i> , 2015, 20, 1294-1300.	4.1	55
2009	Conservation of the <i>Ustilago maydis</i> effector See1 in related smuts. <i>Plant Signaling and Behavior</i> , 2015, 10, e1086855.	1.2	47
2010	Overexpression of a phospholipase D β gene from <i>Ammopiptanthus nanus</i> enhances salt tolerance of phospholipase D β 1-deficient <i>Arabidopsis</i> mutant. <i>Planta</i> , 2015, 242, 1495-1509.	1.6	24
2011	Systemic RNA Interference Deficiency-1 (SID-1) Extracellular Domain Selectively Binds Long Double-stranded RNA and Is Required for RNA Transport by SID-1. <i>Journal of Biological Chemistry</i> , 2015, 290, 18904-18913.	1.6	43
2012	Identification and characterization of lipases from <i>Malassezia restricta</i> , a causative agent of dandruff. <i>FEMS Yeast Research</i> , 2015, 15, fov078.	1.1	39
2013	Loss-of-Function Mutations in the WNT Co-receptor LRP6 Cause Autosomal-Dominant Oligodontia. <i>American Journal of Human Genetics</i> , 2015, 97, 621-626.	2.6	93
2014	Gene expression during zombie ant biting behavior reflects the complexity underlying fungal parasitic behavioral manipulation. <i>BMC Genomics</i> , 2015, 16, 620.	1.2	107
2016	The Little Known Universe of Short Proteins in Insects: A Machine Learning Approach. <i>True Bugs (Heteroptera) of the Neotropics</i> , 2015, , 177-202.	1.2	3
2017	An antimicrobial peptide essential for bacterial survival in the nitrogen-fixing symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15238-15243.	3.3	128
2018	Bioinformatics pipeline for functional identification and characterization of proteins. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
2019	Molecular cloning and characterization of orange-spotted grouper (<i>Epinephelus coioides</i>) CXC chemokine ligand 12. <i>Fish and Shellfish Immunology</i> , 2015, 47, 996-1005.	1.6	10
2020	Expression profile of heat shock response factors during hookworm larval activation and parasitic development. <i>Molecular and Biochemical Parasitology</i> , 2015, 202, 1-14.	0.5	18
2021	Regulatory factors controlling muscle mass: Competition between innate immune function and anabolic signals in regulation of atrogen-1 in Atlantic salmon. <i>Molecular Immunology</i> , 2015, 67, 341-349.	1.0	12
2022	Analysis of expression and inhibitory activity of a TrcC-6 phytocystatin present in developing and germinating seeds of triticale (<i>Triticosecale</i> Wittm.). <i>Plant Physiology and Biochemistry</i> , 2015, 96, 209-216.	2.8	4
2023	A gonad-stimulating peptide of the crown-of-thorns starfish, <i>Acanthaster planci</i> . <i>Invertebrate Reproduction and Development</i> , 2015, 59, 212-217.	0.3	20
2024	Fibronectin-binding protein TDE1579 affects cytotoxicity of <i>Treponema denticola</i> . <i>Anaerobe</i> , 2015, 36, 39-48.	1.0	2
2025	Cloning and characterization of the gene for l-amino acid oxidase in hybrid tilapia. <i>Molecular Biology Reports</i> , 2015, 42, 1593-1601.	1.0	10

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2026	Complete genome sequence of <i>Propionibacterium freudenreichii</i> DSM 20271T. <i>Standards in Genomic Sciences</i> , 2015, 10, 83.	1.5	23
2027	The cell envelope proteome of <i>Aggregatibacter actinomycetemcomitans</i> . <i>Molecular Oral Microbiology</i> , 2015, 30, 97-110.	1.3	9
2028	Effect of chemical stress imposed by <i>Solanum nigrum</i> in calreticulin and beta-1,4- endoglucanase genes and in infectivity of <i>Pratylenchus goodeyi</i> . <i>European Journal of Plant Pathology</i> , 2015, 141, 747-759.	0.8	3
2029	Sequence conservation, phylogenetic relationships, and expression profiles of nondigestive serine proteases and serine protease homologs in <i>Manduca sexta</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 51-63.	1.2	82
2030	International Union of Basic and Clinical Pharmacology. XCII. Urotensin II, Urotensin II-Related Peptide, and Their Receptor: From Structure to Function. <i>Pharmacological Reviews</i> , 2015, 67, 214-258.	7.1	82
2031	Bacterial and algal orthologs of prostaglandin H2 synthase: novel insights into the evolution of an integral membrane protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 83-94.	1.4	4
2032	Characterization and Synthetic Potential of a Novel Diglycosidase (Rutinosidase) from <i>Aspergillus niger</i> : α -Rhamnosyl- β -D-glucosidase. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 107-117.	2.1	39
2033	Identification and molecular characterisation of a homozygous missense mutation in the ADAMTS10 gene in a patient with Weill-Marchesani syndrome. <i>European Journal of Human Genetics</i> , 2015, 23, 1186-1191.	1.4	13
2034	In planta anthocyanin degradation by a vacuolar class III peroxidase in <i>Brunfelsia calycina</i> flowers. <i>New Phytologist</i> , 2015, 205, 653-665.	3.5	93
2035	De novo assembly of the transcriptome of <i>Acanthaster planci</i> testes. <i>Molecular Ecology Resources</i> , 2015, 15, 953-966.	2.2	17
2036	Expression and evolution of hexamerins from the tobacco hornworm, <i>Manduca sexta</i> , and other Lepidoptera. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 62, 226-234.	1.2	31
2037	Identification of a Novel Matrix Protein That Promotes Biofilm Maturation in <i>Vibrio fischeri</i> . <i>Journal of Bacteriology</i> , 2015, 197, 518-528.	1.0	20
2038	The rv1184c Locus Encodes Chp2, an Acyltransferase in <i>Mycobacterium tuberculosis</i> Polyacyltrehalose Lipid Biosynthesis. <i>Journal of Bacteriology</i> , 2015, 197, 201-210.	1.0	23
2039	Molecular mechanisms for photosynthetic carbon partitioning into storage neutral lipids in <i>Nannochloropsis oceanica</i> under nitrogen-depletion conditions. <i>Algal Research</i> , 2015, 7, 66-77.	2.4	188
2040	Thermostability enhancement of an endo-1,4-galactanase from <i>Talaromyces stipitatus</i> by site-directed mutagenesis. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4245-4253.	1.7	20
2041	Two subclasses of odorant-binding proteins in <i>Syngrapha exigua</i> display structural conservation and functional divergence. <i>Insect Molecular Biology</i> , 2015, 24, 167-182.	1.0	95
2042	BcNoxD, a putative ER protein, is a new component of the NADPH oxidase complex in <i>Botrytis cinerea</i> . <i>Molecular Microbiology</i> , 2015, 95, 988-1005.	1.2	71
2043	Structural modeling and docking studies of ribose 5-phosphate isomerase from <i>Leishmania major</i> and <i>Homo sapiens</i> : A comparative analysis for Leishmaniasis treatment. <i>Journal of Molecular Graphics and Modelling</i> , 2015, 55, 134-147.	1.3	23

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2046	Discovery by proteogenomics and characterization of an RF-amide neuropeptide from cone snail venom. <i>Journal of Proteomics</i> , 2015, 114, 38-47.	1.2	31
2047	Two general-odorant binding proteins in <i>Spodoptera litura</i> are differentially tuned to sex pheromones and plant odorants. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 180, 23-31.	0.8	88
2048	Characterization of maltotriose production by hydrolyzing of soluble starch with α -amylase from <i>Microbulbifer thermotolerans</i> DAU221. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3901-3911.	1.7	13
2049	Production of functional human insulin-like growth factor binding proteins (IGFBPs) using recombinant expression in HEK293 cells. <i>Protein Expression and Purification</i> , 2015, 108, 97-105.	0.6	4
2050	Neuropeptide discovery in <i>Eucyclops serrulatus</i> (Crustacea, Copepoda): In silico prediction of the first peptidome for a member of the Cyclopoida. <i>General and Comparative Endocrinology</i> , 2015, 211, 92-105.	0.8	28
2051	Investigating the Function of an Arabinan Utilization Locus Isolated from a Termite Gut Community. <i>Applied and Environmental Microbiology</i> , 2015, 81, 31-39.	1.4	17
2052	Transferred interbacterial antagonism genes augment eukaryotic innate immune function. <i>Nature</i> , 2015, 518, 98-101.	13.7	82
2053	Bioinformatic prediction of <i>Trichoplax adhaerens</i> regulatory peptides. <i>General and Comparative Endocrinology</i> , 2015, 212, 145-155.	0.8	86
2054	<i>Botryllus schlosseri</i> allorecognition: tackling the enigma. <i>Developmental and Comparative Immunology</i> , 2015, 48, 254-265.	1.0	49
2055	Identification of glycosyl hydrolases from a metagenomic library of microflora in sugarcane bagasse collection site and their cooperative action on cellulose degradation. <i>Journal of Bioscience and Bioengineering</i> , 2015, 119, 384-391.	1.1	45
2056	The Evolution of <i>Momordica</i> Cyclic Peptides. <i>Molecular Biology and Evolution</i> , 2015, 32, 392-405.	3.5	26
2057	Shedding new light on viral photosynthesis. <i>Photosynthesis Research</i> , 2015, 126, 71-97.	1.6	76
2058	In silico characterization of the neuropeptidome of the Western black widow spider <i>Latrodectus hesperus</i> . <i>General and Comparative Endocrinology</i> , 2015, 210, 63-80.	0.8	43
2059	Bioinformatic analyses of male and female <i>Amblyomma americanum</i> tick expressed serine protease inhibitors (serpins). <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 16-30.	1.1	32
2060	Genome-wide identification and structure-function studies of proteases and protease inhibitors in <i>Cicer arietinum</i> (chickpea). <i>Computers in Biology and Medicine</i> , 2015, 56, 67-81.	3.9	7
2061	Characterization of a <i>Trichinella spiralis</i> 31kDa protein and its potential application for the serodiagnosis of trichinellosis. <i>Acta Tropica</i> , 2015, 142, 57-63.	0.9	74
2062	MomL, a Novel Marine-Derived N -Acyl Homoserine Lactonase from <i>Muricauda olearia</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 774-782.	1.4	104

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2064	A novel family 19 chitinase from the marine-derived <i>Pseudoalteromonas tunicata</i> CCUG 44952T: Heterologous expression, characterization and antifungal activity. <i>Biochemical Engineering Journal</i> , 2015, 93, 84-93.	1.8	54
2065	Isolation, molecular characterization and functional analysis of OeMT2, an olive metallothionein with a bioremediation potential. <i>Molecular Genetics and Genomics</i> , 2015, 290, 187-199.	1.0	18
2066	High Conopeptide Diversity in <i>Conus tribblei</i> Revealed Through Analysis of Venom Duct Transcriptome Using Two High-Throughput Sequencing Platforms. <i>Marine Biotechnology</i> , 2015, 17, 81-98.	1.1	50
2067	Identification and distribution of SIFamide in the nervous system of the desert locust <i>Schistocerca gregaria</i> . <i>Journal of Comparative Neurology</i> , 2015, 523, 108-125.	0.9	28
2068	Molecular characterisation of four class 2 cytokine receptor family members in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Developmental and Comparative Immunology</i> , 2015, 48, 43-54.	1.0	16
2069	Outer membrane vesicles are vehicles for the delivery of virulence factors to oyster immune cells. <i>Environmental Microbiology</i> , 2015, 17, 1152-1165.	1.8	75
2070	In-silico determination of <i>Pichia pastoris</i> signal peptides for extracellular recombinant protein production. <i>Journal of Theoretical Biology</i> , 2015, 364, 179-188.	0.8	29
2071	Mode of action of <i>Bacillus licheniformis</i> pectin methylesterase on highly methylesterified and acetylated pectins. <i>Carbohydrate Polymers</i> , 2015, 115, 540-550.	5.1	16
2072	Biochemical characterisation of chymotrypsin from the midgut gland of yellowleg shrimp, <i>Penaeus californiensis</i> . <i>Food Chemistry</i> , 2015, 173, 147-155.	4.2	16
2073	The Genome of the Saprophytic Fungus <i>Verticillium tricorpus</i> Reveals a Complex Effector Repertoire Resembling That of Its Pathogenic Relatives. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 362-373.	1.4	61
2074	Discovery of a new antiviral protein isolated <i>Lonomia obliqua</i> analysed by bioinformatics and real-time approaches. <i>Cytotechnology</i> , 2015, 67, 1011-1022.	0.7	7
2075	Molecular cloning and characterization of an Hsp70 gene from the bloom green alga <i>Chaetomorpha valida</i> (Cladophorales, Chlorophyta). <i>Journal of Applied Phycology</i> , 2015, 27, 489-497.	1.5	10
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2077	Characteristic analysis of prolactin and its receptor genes from <i>Rana chensinensis</i> and expression pattern during metamorphosis. <i>Turkish Journal of Zoology</i> , 2016, 40, 303-313.	0.4	1
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2281	Venom gland transcriptome analyses of two freshwater stingrays (Myliobatiformes): <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662 Td (Potar</i>	1.6	24
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2334	Stage-specific Proteomes from <i>Onchocerca ochengi</i> , Sister Species of the Human River Blindness Parasite, Uncover Adaptations to a Nodular Lifestyle. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2554-2575.	2.5	23
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2336	Proteomic Analysis of Mesenchymal Stem Cells. <i>Methods in Molecular Biology</i> , 2016, 1416, 509-519.	0.4	4
2337	Functional and structural analysis of <i>Pichia pastoris</i> -expressed <i>Aspergillus niger</i> 1,4- β -D-glucanase. <i>Biochemical and Biophysical Research Communications</i> , 2016, 475, 8-12.	1.0	34
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2352	Functional Analysis of an S-Layer-Associated Fibronectin-Binding Protein in <i>Lactobacillus acidophilus</i> NCFM. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2676-2685.	1.4	71
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2355	Phylogenomic analysis of <i>Candidatus</i> <i>â€™Izimaplasma</i> ™ species: free-living representatives from a <i>Tenericutes</i> clade found in methane seeps. <i>ISME Journal</i> , 2016, 10, 2679-2692.	4.4	88
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2865	An integrated proteomic and transcriptomic analysis of perivitelline fluid proteins in a freshwater gastropod laying aerial eggs. <i>Journal of Proteomics</i> , 2017, 155, 22-30.	1.2	27
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3380	Complete genome sequence of <i>Pseudomonas brassicacearum</i> strain L13-6-12, a biological control agent from the rhizosphere of potato. <i>Standards in Genomic Sciences</i> , 2017, 12, 6.	1.5	19

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3382	Molecular characterization of the CD79a and CD79b and its role against <i>Aeromonas hydrophila</i> infection in Chinese sucker (<i>Myxocyprinus asiaticus</i>). <i>Fish Physiology and Biochemistry</i> , 2017, 43, 1571-1585.	0.9	8
3383	Cestode parasites release extracellular vesicles with microRNAs and immunodiagnostic protein cargo. <i>International Journal for Parasitology</i> , 2017, 47, 675-686.	1.3	69
3384	Comparative transcriptome analysis of venom glands from <i>Cotesia vestalis</i> and <i>Diadromus collaris</i> , two endoparasitoids of the host <i>Plutella xylostella</i> . <i>Scientific Reports</i> , 2017, 7, 1298.	1.6	17
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3386	Comparative and bioinformatics analyses of pathogenic bacterial secretomes identified by mass spectrometry in <i>Burkholderia</i> species. <i>Journal of Microbiology</i> , 2017, 55, 568-582.	1.3	3
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3393	Inactivation of Cellobiose Dehydrogenases Modifies the Cellulose Degradation Mechanism of <i>Podospora anserina</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	13
3394	Molecular spectrum of TSH β subunit gene defects in central hypothyroidism in the UK and Ireland. <i>Clinical Endocrinology</i> , 2017, 86, 410-418.	1.2	28
3395	Differences in the expression profile of endo- β -(1,6)-d-galactanase in pathogenic and non-pathogenic races of <i>Colletotrichum lindemuthianum</i> grown in the presence of arabinogalactan, xylan or <i>Phaseolus vulgaris</i> cell walls. <i>Physiological and Molecular Plant Pathology</i> , 2017, 99, 75-86.	1.3	1
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3400	High-throughput sequencing of two populations of extracellular vesicles provides an mRNA signature that can be detected in the circulation of breast cancer patients. <i>RNA Biology</i> , 2017, 14, 305-316.	1.5	43
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3402	A propeptide-independent protease from <i>Tannerella</i> sp.6_1_58FAA_CT1 displays trypsin-like specificity. <i>Journal of Basic Microbiology</i> , 2017, 57, 50-56.	1.8	3
3403	Structural and functional characterisation of a class I endochitinase of the carnivorous sundew (<i>Drosera rotundifolia</i> L.). <i>Planta</i> , 2017, 245, 313-327.	1.6	14
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3412	<i>Coprinopsis cinerea</i> intracellular lactonases hydrolyze quorum sensing molecules of Gram-negative bacteria. <i>Fungal Genetics and Biology</i> , 2017, 102, 49-62.	0.9	19
3413	Characterization of the β -aminobutyric acid signaling system in the zebrafish (<i>Danio rerio</i> Hamilton) central nervous system by reverse transcription-quantitative polymerase chain reaction. <i>Neuroscience</i> , 2017, 343, 300-321.	1.1	59
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3416	Thiol oxidation of hemolymph proteins in oysters <i>Crassostrea brasiliana</i> as markers of oxidative damage induced by urban sewage exposure. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1833-1845.	2.2	9

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3418	Molecular characterization and evolution of carnivorous sundew (<i>Drosera rotundifolia</i> L.) class V Î²-1,3-glucanase. <i>Planta</i> , 2017, 245, 77-91.	1.6	6
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3435	Heterologous expression of a novel <i>Zoysia japonica</i> salt-induced glycine-rich RNA-binding protein gene, ZjGRP, caused salt sensitivity in <i>Arabidopsis</i> . <i>Plant Cell Reports</i> , 2017, 36, 179-191.	2.8	27

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3437	Cryo-protective effect of an ice-binding protein derived from Antarctic bacteria. <i>FEBS Journal</i> , 2017, 284, 163-177.	2.2	64
3438	<i>zmsbt1</i> and <i>zmsbt2</i> , two new subtilisin-like serine proteases genes expressed in early maize kernel development. <i>Planta</i> , 2017, 245, 409-424.	1.6	6
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3440	Microbial α -amylase: A biomolecular overview. <i>Process Biochemistry</i> , 2017, 53, 88-101.	1.8	66
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3451	Description of a Second Ferritin Light Chain Homologue From the Yellow Fever Mosquito (Diptera: Tj ETQq1 1 0.784314 rgBJ /Overl	0.6	3
3452	Comparative genomics of the genus <i>Desulfitobacterium</i> . <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	27
3453	Enhanced Desiccation Tolerance in Mature Cultures of the Streptophytic Green Alga <i>Zygnema circumcarinatum</i> Revealed by Transcriptomics. <i>Plant and Cell Physiology</i> , 2017, 58, 2067-2084.	1.5	95

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3456	Transcriptome Sequencing Reveals Novel Candidate Genes for <i>Cardinium hertigii</i> -Caused Cytoplasmic Incompatibility and Host-Cell Interaction. <i>MSystems</i> , 2017, 2, .	1.7	35
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3458	Comparative transcriptome analysis and identification of candidate effectors in two related rust species (<i>Gymnosporangium yamadae</i> and <i>Gymnosporangium asiaticum</i>). <i>BMC Genomics</i> , 2017, 18, 651.	1.2	20
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3466	Identification and tissue distribution of carboxylesterase (CXE) genes in <i>Athetis lepigone</i> (Lepidoptera: Tj ETQq0 0,0 rgBT /Overlock 10 0,45		7
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3469	Identification and characterization of serovar-independent immunogens in <i>Actinobacillus pleuropneumoniae</i> . <i>Veterinary Research</i> , 2017, 48, 74.	1.1	19
3470	<i>Neisseria lactamica</i> Y92�1009 complete genome sequence. <i>Standards in Genomic Sciences</i> , 2017, 12, 41.	1.5	6
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3476	Molecular cloning, characterization and evolutionary analysis of leptin gene in Chinese giant salamander, <i>Andrias davidianus</i> . <i>Open Life Sciences</i> , 2017, 12, 406-417.	0.6	0
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3478	A molecular portrait of maternal sepsis from Byzantine Troy. <i>ELife</i> , 2017, 6, .	2.8	46
3479	Identification of Potential Critical Virulent Sites Based on Hemagglutinin of Influenza A Virus in Past Pandemic Strains. , 2017, . .		6
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3481	The Sec Pathways and Exportomes of <i>Mycobacterium tuberculosis</i> . , 2017, , 607-625.		1
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3494	Characterization and Functional Analysis of the Poplar Pectate Lyase-Like Gene PtPL1-18 Reveal Its Role in the Development of Vascular Tissues. <i>Frontiers in Plant Science</i> , 2017, 8, 1123.	1.7	18
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3559	The Protease Inhibitor Cl2c Gene Induced by Bird Cherry-Oat Aphid in Barley Inhibits Green Peach Aphid Fecundity in Transgenic Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1317.	1.8	13
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3644	Fine-Scale Recombination Maps of Fungal Plant Pathogens Reveal Dynamic Recombination Landscapes and Intragenic Hotspots. <i>Genetics</i> , 2018, 208, 1209-1229.	1.2	61
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3650	Genome-resolved metagenomics identifies genetic mobility, metabolic interactions, and unexpected diversity in perchlorate-reducing communities. <i>ISME Journal</i> , 2018, 12, 1568-1581.	4.4	82
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3658	Genome-reconstruction for eukaryotes from complex natural microbial communities. <i>Genome Research</i> , 2018, 28, 569-580.	2.4	163
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3668	Transcriptomic Analysis of Xylan Oligosaccharide Utilization Systems in <i>Pediococcus acidilactici</i> Strain BCC-1. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4725-4733.	2.4	21
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3681	Thermochemical wastewater valorization via enhanced microbial toxicity tolerance. <i>Energy and Environmental Science</i> , 2018, 11, 1625-1638.	15.6	77
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3683	Chloroacetaldehyde dehydrogenase from <i>Ancylobacter aquaticus</i> UV5: Cloning, expression, characterization and molecular modeling. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1117-1126.	3.6	4
3684	TodoFirGene: Developing Transcriptome Resources for Genetic Analysis of <i>Abies sachalinensis</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 1276-1284.	1.5	17
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3686	First characterization of fucosidases in spiders. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21462.	0.6	7
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3725	Systems analysis of the glycoside hydrolase family 18 enzymes from <i>Cellvibrio japonicus</i> characterizes essential chitin degradation functions. <i>Journal of Biological Chemistry</i> , 2018, 293, 3849-3859.	1.6	33
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3740	Giant fish-killing water bug reveals ancient and dynamic venom evolution in Heteroptera. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3215-3229.	2.4	31
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3743	Identification of candidate effector genes of <i>Pratylenchus penetrans</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 1887-1907.	2.0	36
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3745	Characterization of a recombinant <i>Bacteroides fragilis</i> sialidase expressed in <i>Escherichia coli</i> . <i>Anaerobe</i> , 2018, 50, 69-75.	1.0	11
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3759	The complex physiology of <i>Cellvibrio japonicus</i> xylan degradation relies on a single cytoplasmic β -xylosidase for xylooligosaccharide utilization. <i>Molecular Microbiology</i> , 2018, 107, 610-622.	1.2	23

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3761	<i>Paenibacillus</i> sp. A59 GH10 and GH11 Extracellular Endoxylanases: Application in Biomass Bioconversion. <i>Bioenergy Research</i> , 2018, 11, 174-190.	2.2	24
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3764	Characterization of the <i>Theileria parva</i> sporozoite proteome. <i>International Journal for Parasitology</i> , 2018, 48, 265-273.	1.3	24
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3879	Predicted microbial secretomes and their target substrates in marine sediment. <i>Nature Microbiology</i> , 2018, 3, 32-37.	5.9	85
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3881	APPRIS 2017: principal isoforms for multiple gene sets. <i>Nucleic Acids Research</i> , 2018, 46, D213-D217.	6.5	134
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3901	Fungal glucuronoyl esterases: Genome mining based enzyme discovery and biochemical characterization. <i>New Biotechnology</i> , 2018, 40, 282-287.	2.4	29
3902	Characterization and overexpression of a glycosyl hydrolase family 16 beta-agarase YM01-1 from marine bacterium <i>Catenovulum agarivorans</i> YM01 T. <i>Protein Expression and Purification</i> , 2018, 143, 1-8.	0.6	20
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3905	Viral persistence, liver disease, and host response in a hepatitis C-like virus rat model. <i>Hepatology</i> , 2018, 68, 435-448.	3.6	59
3906	Gene structure and comparative and phylogenetic analyses of <i>Catla catla</i> CYP1A full-length cDNA and its responsiveness to benzo(a)pyrene and copper sulphate at early developmental stages. <i>Fish Physiology and Biochemistry</i> , 2018, 44, 95-108.	0.9	2
3907	LCFA Uptake and FAT/CD36: molecular cloning, tissue expression and mRNA expression responses to dietary oil sources in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Journal of Applied Animal Research</i> , 2018, 46, 572-582.	0.4	6
3908	Mp1p homologues as virulence factors in <i>Aspergillus fumigatus</i> . <i>Medical Mycology</i> , 2018, 56, 350-360.	0.3	5
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3911	Implementing a web-based introductory bioinformatics course for non-bioinformaticians that incorporates practical exercises. <i>Biochemistry and Molecular Biology Education</i> , 2018, 46, 31-38.	0.5	7
3912	Two members of unassigned type of short-chain dehydrogenase/reductase superfamily (SDR) isolated from <i>Persicaria minor</i> show response towards ABA and drought stress. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2018, 27, 260-271.	0.9	3
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3914	Identification and characterization of chemosensory gene families in the bark beetle, <i>Tomicus yunnanensis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2018, 25, 73-85.	0.4	28
3915	Astakines in arthropods—phylogeny and gene structure. <i>Developmental and Comparative Immunology</i> , 2018, 81, 141-151.	1.0	10
3916	Sex determination and differentiation genes in a functional hermaphrodite scallop, <i>Nodipecten subnodosus</i> . <i>Marine Genomics</i> , 2018, 37, 161-175.	0.4	16
3917	Fungal feruloyl esterases: Functional validation of genome mining based enzyme discovery including uncharacterized subfamilies. <i>New Biotechnology</i> , 2018, 41, 9-14.	2.4	33
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3919	Biochemical and structural insights into a thermostable cellobiohydrolase from <i>Myceliophthora thermophila</i> . <i>FEBS Journal</i> , 2018, 285, 559-579.	2.2	26
3920	<i>Autographa californica</i> Multiple Nucleopolyhedrovirus <i>ac75</i> Is Required for the Nuclear Egress of Nucleocapsids and Intranuclear Microvesicle Formation. <i>Journal of Virology</i> , 2018, 92, .	1.5	17
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3934	Arabidopsis Novel Glycine-Rich Plasma Membrane PSS1 Protein Enhances Disease Resistance in Transgenic Soybean Plants. Plant Physiology, 2018, 176, 865-878.	2.3	17
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3953	Insights from the Genomes of Microbes Thriving in Uranium-Enriched Sediments. Microbial Ecology, 2018, 75, 970-984.	1.4	17
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3978	An immunomagnetic cell separation system based on a retroviral vector containing a chimeric, recombinant human-murine CD4 gene. <i>Central-European Journal of Immunology</i> , 2018, 43, 353-357.	0.4	1
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3987	Genetic analysis of signal peptides in amphibian antimicrobial secretions. <i>Journal of Genetics</i> , 2018, 97, 1205-1212.	0.4	7
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3990	Comprehensive Analysis of Carbohydrate-Active Enzymes from the Filamentous Fungus <i>Scytalidium candidum</i> 3C. <i>Biochemistry (Moscow)</i> , 2018, 83, 1399-1410.	0.7	0
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3996	Proteomic Analysis of Plasmodesmata From Populus Cell Suspension Cultures in Relation With Callose Biosynthesis. <i>Frontiers in Plant Science</i> , 2018, 9, 1681.	1.7	32
3997	Re-programming of <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> gene expression during early stages of infection of kiwifruit. <i>BMC Genomics</i> , 2018, 19, 822.	1.2	42
3998	Identification and characterization of Loa loa antigens responsible for cross-reactivity with rapid diagnostic tests for lymphatic filariasis. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006963.	1.3	21
3999	CmZNF384-like gene in hypoxia-tolerant Indian catfish, <i>Clarias magur</i> (Hamilton 1822) in hypometabolic states associated with acute hypoxia and summer aestivation. <i>Agri Gene</i> , 2018, 10, 1-11.	1.9	4
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4008	Genome Sequence Analysis of Two <i>Pseudomonas putida</i> Strains to Identify a 17-Hydroxylase Putatively Involved in Sparteine Degradation. <i>Current Microbiology</i> , 2018, 75, 1649-1654.	1.0	1
4009	A bacteria-derived tail anchor localizes to peroxisomes in yeast and mammalian cells. <i>Scientific Reports</i> , 2018, 8, 16374.	1.6	7
4010	Characterization of Two <i>Trichinella spiralis</i> Adult-Specific DNase II and Their Capacity to Induce Protective Immunity. <i>Frontiers in Microbiology</i> , 2018, 9, 2504.	1.5	49
4011	Complete genome sequence of the nitrogen-fixing bacterium <i>Azospirillum humicireducens</i> type strain SgZ-5T. <i>Standards in Genomic Sciences</i> , 2018, 13, 28.	1.5	6

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4013	The Sheaths of <i>Methanospirillum</i> Are Made of a New Type of Amyloid Protein. <i>Frontiers in Microbiology</i> , 2018, 9, 2729.	1.5	13
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4016	Prediction of pathogenesis-related secreted proteins from <i>Stemphylium lycopersici</i> . <i>BMC Microbiology</i> , 2018, 18, 191.	1.3	21
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4019	Partial gene identification and protein analysis of β -galactosidase from bird cherry-oat aphid. <i>Oriental Insects</i> , 2018, 52, 389-405.	0.1	0
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4021	Soluble expression of recombinant midgut zymogen (native propeptide) proteases from the <i>Aedes aegypti</i> Mosquito Utilizing <i>E. coli</i> as a host. <i>BMC Biochemistry</i> , 2018, 19, 12.	4.4	2
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4025	Complete genome of <i>Rhizobium leguminosarum</i> Norway, an ineffective <i>Lotus</i> micro-symbiont. <i>Standards in Genomic Sciences</i> , 2018, 13, 36.	1.5	17
4026	Formation of functional, non-amyloidogenic fibres by recombinant <i>Bacillus subtilis</i> TasA. <i>Molecular Microbiology</i> , 2018, 110, 897-913.	1.2	37
4027	Characterization of a New Cyclohexylamine Oxidase From <i>Acinetobacter</i> sp. YT-02. <i>Frontiers in Microbiology</i> , 2018, 9, 2848.	1.5	3
4028	Secretome profile of <i>Cellulomonas</i> sp. B6 growing on lignocellulosic substrates. <i>Journal of Applied Microbiology</i> , 2019, 126, 811-825.	1.4	12
4029	The extracellular loop of Man-PTS subunit IID is responsible for the sensitivity of <i>Lactococcus garvieae</i> to garvicins A, B and C. <i>Scientific Reports</i> , 2018, 8, 15790.	1.6	29

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4031	<i>Daphnia galeata</i> responds to the exposure to an ichthyosporean gut parasite by down-regulation of immunity and lipid metabolism. <i>BMC Genomics</i> , 2018, 19, 932.	1.2	9
4032	The triheme cytochrome PpcF from <i>Geobacter metallireducens</i> exhibits distinct redox properties. <i>FEBS Open Bio</i> , 2018, 8, 1897-1910.	1.0	7
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4427	Fungal Genomics. <i>Methods in Molecular Biology</i> , 2018, .	0.4	3

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4435	Introduction of novel thermostable $\hat{I}\pm$ -amylases from genus <i>Anoxybacillus</i> and proposing to group the Bacillaceae related $\hat{I}\pm$ -amylases under five individual GH13 subfamilies. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 95.	1.7	8
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4457	Genome-wide analysis of the invertase gene family from maize. <i>Plant Molecular Biology</i> , 2018, 97, 385-406.	2.0	34
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4950	In silico analyses of molecular interactions between groundnut bud necrosis virus and its vector, <i>Thrips palmi</i> . <i>VirusDisease</i> , 2019, 30, 245-251.	1.0	14
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5080	Missiles of Mass Disruption: Composition and Glandular Origin of Venom Used as a Projectile Defensive Weapon by the Assassin Bug <i>Platymeris rhadamanthus</i> . <i>Toxins</i> , 2019, 11, 673.	1.5	16
5081	Glutaredoxin 2 from big belly seahorse (<i>Hippocampus abdominalis</i>) and its potential involvement in cellular redox homeostasis and host immune responses. <i>Fish and Shellfish Immunology</i> , 2019, 95, 411-421.	1.6	7

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5083	Putative circumsporozoite protein (CSP) of <i>Plasmodium vivax</i> is considerably distinct from the well-known CSP and plays a role in the protein ubiquitination pathway. <i>Gene</i> , 2019, 4, 100024.	2.3	1
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5085	Comparative genomics of <i>Alternaria</i> species provides insights into the pathogenic lifestyle of <i>Alternaria brassicae</i> – a pathogen of the Brassicaceae family. <i>BMC Genomics</i> , 2019, 20, 1036.	1.2	28
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5087	Transcriptome-wide association study identifies putative elicitors/suppressor of <i>Puccinia graminis</i> f. sp. <i>tritici</i> that modulate barley rpg4-mediated stem rust resistance. <i>BMC Genomics</i> , 2019, 20, 985.	1.2	6
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5096	Heterologous expression and functional characterization of a GH10 endoxylanase from <i>Aspergillus fumigatus</i> var. <i>niveus</i> with potential biotechnological application. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 24, e00382.	2.1	14
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5113	Comparative analysis of five <i>Mucor</i> species transcriptomes. <i>Genomics</i> , 2019, 111, 1306-1314.	1.3	14
5114	Complete genome sequence of <i>Shewanella benthica</i> DB21MT-2, an obligate piezophilic bacterium isolated from the deepest Mariana Trench sediment. <i>Marine Genomics</i> , 2019, 44, 52-56.	0.4	12
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5117	Comparative <i>in silico</i> study of the differences in the structure and ligand interaction properties of three alpha-expansin proteins from <i>Fragaria chiloensis</i> fruit. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3245-3258.	2.0	17

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5121	Genome-Wide Analysis of <i>Mycoplasma dispar</i> Provides Insights into Putative Virulence Factors and Phylogenetic Relationships. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 317-325.	0.8	7
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5141	Distribution and characterization of N-acylhomoserine lactone (AHL)-degrading activity and AHL lactonase gene (<i>qsds</i>) in <i>Sphingopyxis</i> . <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 411-417.	1.1	5
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5153	Functional annotation of operome from <i>Methanothermobacter thermautotrophicus</i> \hat{H} : An insight to metabolic gap filling. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 350-362.	3.6	14

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5160	Prediction of the <i>Diplocarpon rosae</i> secretome reveals candidate genes for effectors and virulence factors. <i>Fungal Biology</i> , 2019, 123, 231-239.	1.1	16
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5179	Genomic characterisation of the new <i>Dickeya fangzhongdai</i> species regrouping plant pathogens and environmental isolates. <i>BMC Genomics</i> , 2019, 20, 34.	1.2	19
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5181	<i>Phytophthora infestans</i> RNA virus 2, a novel RNA virus from <i>Phytophthora infestans</i> , does not belong to any known virus group. <i>Archives of Virology</i> , 2019, 164, 567-572.	0.9	17
5182	Identification, characterization and expression analysis of <i>Anopheles stephensi</i> double peroxidase. <i>Acta Tropica</i> , 2019, 190, 210-219.	0.9	5
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5184	Analyses of genome-scale variation reveal divergence of two <i>Sinallaria</i> species (Brassicaceae) with continuous but limited gene flow. <i>Journal of Systematics and Evolution</i> , 2019, 57, 268-277.	1.6	9
5185	Redefining Tissue Crosstalk via Shotgun Proteomic Analyses of Plasma Extracellular Vesicles. <i>Proteomics</i> , 2019, 19, e1800154.	1.3	16
5186	Synthesis and testing of novel alternative oxidase (AOX) inhibitors with antifungal activity against <i>Moniliophthora perniciosa</i> (Stahel), the causal agent of witches' broom disease of cocoa, and other phytopathogens. <i>Pest Management Science</i> , 2019, 75, 1295-1303.	1.7	12
5187	Quantitative Proteomics of the 2016 WHO <i>Neisseria gonorrhoeae</i> Reference Strains Surveys Vaccine Candidates and Antimicrobial Resistance Determinants. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 127-150.	2.5	35
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5189	Transcriptome-wide identification, functional characterization, and expression analysis of two novel invertebrate-type Toll-like receptors from disk abalone (<i>Haliotis discus discus</i>). <i>Fish and Shellfish Immunology</i> , 2019, 84, 802-815.	1.6	24

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5191	An esterase AppH for the hydrolysis of 2-(4-aryloxyphenoxy) propionate herbicides in <i>Sphingobium</i> sp. strain C3. <i>International Biodeterioration and Biodegradation</i> , 2019, 136, 34-40.	1.9	14
5192	Transcriptomic and proteomic insight into the mechanism of cyclooctasulfurâ€ versus thiosulfateâ€ oxidation by the chemolithoautotroph <i>Sulfurimonas denitrificans</i> . <i>Environmental Microbiology</i> , 2019, 21, 244-258.	1.8	16
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5195	<i>Paenibacillus amylolyticus</i> 27C64 has a diverse set of carbohydrate-active enzymes and complete pectin deconstruction system. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1-11.	1.4	9
5196	In silico modeling of <i>Plasmodium falciparum</i> chloroquine resistance transporter protein and biochemical studies suggest its key contribution to chloroquine resistance. <i>Acta Tropica</i> , 2019, 189, 84-93.	0.9	5
5197	Hemocyanin genes as indicators of habitat shifts in Panpulmonata?. <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 99-103.	1.2	10
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5199	Molecular Characterization and Immunogenicity Analysis of 4D8 Protective Antigen of <i>Hyalomma anatolicum</i> Ticks Collected from Western India. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 1291-1308.	0.9	1
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5783	Complete Genome Sequence of <i>Pediococcus pentosaceus</i> Strain GDIAS 001. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	0
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5803	Comparative Genomic Analysis of Closely Related <i>Acetobacter pasteurianus</i> Strains Provides Evidence of Horizontal Gene Transfer and Reveals Factors Necessary for Thermotolerance. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	17
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5821	A novel cystatin derived from <i>Trichinella spiralis</i> suppresses macrophage-mediated inflammatory responses. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008192.	1.3	29
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5826	The ever-expanding tcp conjugation locus of pCW3 from <i>Clostridium perfringens</i> . <i>Plasmid</i> , 2021, 113, 102516.	0.4	8
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5839	Genomic screening and molecular dynamics simulations of <sc>cyanovirinâ€N</sc> homologs from cyanobacteria phylum. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 322-329.	1.5	1
5840	A newly discovered teleost disulfide isomerase, thioredoxin domain containing 5 (TXNDC5), from big-belly seahorse (<i>Hippocampus abdominalis</i>): Insights into its molecular and functional properties and immune regulatory functions. <i>Developmental and Comparative Immunology</i> , 2021, 114, 103827.	1.0	3

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5979	De novo assembly, annotation and gene expression profiles of gonads of <i>Cytorace-3</i> , a hybrid lineage of <i>Drosophila nasuta nasuta</i> and <i>D. n. albomicans</i> . <i>Genomics and Informatics</i> , 2021, 19, e8.	0.4	2
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5982	Yield and antiyield genes in common bean (<sc><i>Phaseolus vulgaris</i></sc> L.)., 2021, 3, e91.		3
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6022	Multi-omics analysis provides insights into lignocellulosic biomass degradation by <i>Laetiporus sulphureus</i> ATCC 52600. <i>Biotechnology for Biofuels</i> , 2021, 14, 96.	6.2	15

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7105	Structural Analysis of the Outer Membrane Lipoprotein BBA14 (OrfD) and the Corresponding Paralogous Gene Family 143 (PFam143) from <i>Borrelia burgdorferi</i> . <i>Pathogens</i> , 2022, 11, 154.	1.2	2
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7111	Silkworm Sericins: Compounds of Different Properties Produced in Different Stages and Silk Gland Parts. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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