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Citation Report

#	ARTICLE	IF	CITATIONS
16	Draft Genome Sequence of <i>Parabacteroides goldsteinii</i> with Putative Novel Metallo- β -Lactamases Isolated from a Blood Culture from a Human Patient. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
17	Different combinations of atomic interactions predict protein–small molecule and protein–DNA/RNA affinities with similar accuracy. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 2100-2114.	2.6	17
18	Tomato I2 Immune Receptor Can Be Engineered to Confer Partial Resistance to the Oomycete <i>Phytophthora infestans</i> in Addition to the Fungus <i>Fusarium oxysporum</i> . <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1316-1329.	2.6	80
19	Chimeric adaptor proteins translocate diverse type VI secretion system effectors in <i>Vibrio cholerae</i> . <i>EMBO Journal</i> , 2015, 34, 2198-2210.	7.8	132
20	Structural analysis of human RPC32–RPC62 complex. <i>Journal of Structural Biology</i> , 2015, 192, 313-319.	2.8	11
21	Putative DNA-dependent RNA polymerase in Mitochondrial Plasmid of <i>Paramecium caudatum</i> Stock GT704. <i>HAYATI Journal of Biosciences</i> , 2015, 22, 181-185.	0.4	0
22	Sperm competition risk drives plasticity in seminal fluid composition. <i>BMC Biology</i> , 2015, 13, 87.	3.8	69
23	Protein Structure and Function Prediction Using I-TASSER. <i>Current Protocols in Bioinformatics</i> , 2015, 52, 5.8.1-5.8.15.	25.8	367
24	Crystal structure of the <i>Legionella pneumophila</i> lem10 effector reveals a new member of the HD protein superfamily. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 2319-2325.	2.6	4
25	Identification of novel mutations by targeted exome sequencing and the genotype-phenotype assessment of patients with achromatopsia. <i>Journal of Translational Medicine</i> , 2015, 13, 334.	4.4	8
26	Analysis of the interaction between host factor Sam68 and viral elements during foot-and-mouth disease virus infections. <i>Virology Journal</i> , 2015, 12, 224.	3.4	25
27	Variation in the ribosome interacting loop of the Sec61 ϵ from <i>Giardia lamblia</i> . <i>Biology Direct</i> , 2015, 10, 56.	4.6	0
28	Comparative studies on manual and automatic backbone chemical shift assignments of 2H/13C/15N-labeled Ube2g1. <i>Journal of Analytical Science and Technology</i> , 2015, 6, .	2.1	1
29	Structural Features of the ATP-Binding Cassette (ABC) Transporter ABCA3. <i>International Journal of Molecular Sciences</i> , 2015, 16, 19631-19644.	4.1	17
30	Functional prediction of hypothetical proteins in human adenoviruses. <i>Bioinformation</i> , 2015, 11, 466-473.	0.5	5
31	Genome, Proteome and Structure of a T7-Like Bacteriophage of the Kiwifruit Canker Phytopathogen <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> . <i>Viruses</i> , 2015, 7, 3361-3379.	3.3	26
32	Structural Conservation and Functional Diversity of the Poxvirus Immune Evasion (PIE) Domain Superfamily. <i>Viruses</i> , 2015, 7, 4873-4893.	3.3	37
33	A combined bioinformatics and functional metagenomics approach to discovering lipolytic biocatalysts. <i>Frontiers in Microbiology</i> , 2015, 6, 1110.	3.5	19

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34	Identification and Partial Characterization of Potential FtsL and FtsQ Homologs of Chlamydia. <i>Frontiers in Microbiology</i> , 2015, 6, 1264.	3.5	20
35	Anatomy of protein disorder, flexibility and disease-related mutations. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 47.	3.5	16
36	A Novel Matrix Protein Hic31 from the Prismatic Layer of <i>Hyriopsis Cumingii</i> Displays a Collagen-Like Structure. <i>PLoS ONE</i> , 2015, 10, e0135123.	2.5	12
37	Growth of <i>Chitinophaga pinensis</i> on Plant Cell Wall Glycans and Characterisation of a Glycoside Hydrolase Family 27 Î²-L-Arabinopyranosidase Implicated in Arabinogalactan Utilisation. <i>PLoS ONE</i> , 2015, 10, e0139932.	2.5	24
38	<i>Toxoplasma gondii</i> Chitinase Induces Macrophage Activation. <i>PLoS ONE</i> , 2015, 10, e0144507.	2.5	10
39	How Does the VSG Coat of Bloodstream Form African Trypanosomes Interact with External Proteins?. <i>PLoS Pathogens</i> , 2015, 11, e1005259.	4.7	58
40	WD40-Repeat Proteins in Plant Cell Wall Formation: Current Evidence and Research Prospects. <i>Frontiers in Plant Science</i> , 2015, 6, 1112.	3.6	23
41	Partial protein domains: evolutionary insights and bioinformatics challenges. <i>Genome Biology</i> , 2015, 16, 100.	8.8	10
42	Structural Studies of Geosmin Synthase, a Bifunctional Sesquiterpene Synthase with Î±Î± Domain Architecture That Catalyzes a Unique Cyclizationâ€“Fragmentation Reaction Sequence. <i>Biochemistry</i> , 2015, 54, 7142-7155.	2.5	36
43	Chaperone-assisted Post-translational Transport of Plastidic Type I Signal Peptidase 1. <i>Journal of Biological Chemistry</i> , 2015, 290, 28778-28791.	3.4	24
44	A unique uracil-DNA binding protein of the uracil DNA glycosylase superfamily. <i>Nucleic Acids Research</i> , 2015, 43, 8452-8463.	14.5	34
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47	Structural analysis of haemoglobin binding by HpuA from the <i>Neisseriaceae</i> family. <i>Nature Communications</i> , 2015, 6, 10172.	12.8	42
48	Affinity Purification and Structural Features of the Yeast Vacuolar ATPase Vo Membrane Sector. <i>Journal of Biological Chemistry</i> , 2015, 290, 27959-27971.	3.4	50
49	Recombinant Expression of a Functional Myo-Inositol-1-Phosphate Synthase (MIPS) in <i>Mycobacterium smegmatis</i> . <i>Protein Journal</i> , 2015, 34, 380-390.	1.6	5
50	Structure of a lectin from the sea mussel <i>Crenomytilus grayanus</i> (CGL). <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1429-1436.	0.8	15
51	Cloning, expression, purification, characterization, crystallization and X-ray crystallographic analysis of recombinant Derâ€“...21 (rDerâ€“...21) from <i>Dermatophagoides farinae</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1396-1400.	0.8	3

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52	Improvement of protein disorder prediction by brainstorming consensus. , 2015, , .		2
53	Antigen I/II encoded by integrative and conjugative elements of <i>Streptococcus agalactiae</i> and role in biofilm formation. <i>Microbial Pathogenesis</i> , 2015, 88, 1-9.	2.9	28
54	Identification of divergent type VI secretion effectors using a conserved chaperone domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9106-9111.	7.1	146
55	Structure of a herpesvirus nuclear egress complex subunit reveals an interaction groove that is essential for viral replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9010-9015.	7.1	52
56	A strategy for dissecting the architectures of native macromolecular assemblies. <i>Nature Methods</i> , 2015, 12, 1135-1138.	19.0	113
57	Evidence for an Ancestral Association of Human Coronavirus 229E with Bats. <i>Journal of Virology</i> , 2015, 89, 11858-11870.	3.4	204
58	The mysterious nature of bacterial surface (gliding) motility: A focal adhesion-based mechanism in <i>Myxococcus xanthus</i> . <i>Seminars in Cell and Developmental Biology</i> , 2015, 46, 143-154.	5.0	60
59	Mutational analysis of telomere complex genes in Indian population with acquired aplastic anemia. <i>Leukemia Research</i> , 2015, 39, 1263-1269.	0.8	2
60	A Förster Resonance Energy Transfer (FRET)-based System Provides Insight into the Ordered Assembly of Yeast Septin Hetero-octamers. <i>Journal of Biological Chemistry</i> , 2015, 290, 28388-28401.	3.4	35
61	Mapping Type IV Secretion Signals on the Primase Encoded by the Broad-Host-Range Plasmid R1162 (RSF1010). <i>Journal of Bacteriology</i> , 2015, 197, 3245-3254.	2.2	10
62	Novel Vaccine Candidates against <i>Brucella melitensis</i> Identified through Reverse Vaccinology Approach. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 722-729.	2.0	30
63	Long-Term Survival of <i>Borrelia burgdorferi</i> Lacking the Hibernation Promotion Factor Homolog in the Unfed Tick Vector. <i>Infection and Immunity</i> , 2015, 83, 4800-4810.	2.2	13
64	9-O-Acetylation of sialic acids is catalysed by CASD1 via a covalent acetyl-enzyme intermediate. <i>Nature Communications</i> , 2015, 6, 7673.	12.8	90
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66	Insight into the three-dimensional structure of maize chlorotic mottle virus revealed by Cryo-EM single particle analysis. <i>Virology</i> , 2015, 485, 171-178.	2.4	7
67	Identification of the <i>mcpA</i> and <i>mcpM</i> Genes, Encoding Methyl-Accepting Proteins Involved in Amino Acid and α -Malate Chemotaxis, and Involvement of McpM-Mediated Chemotaxis in Plant Infection by <i>Ralstonia pseudosolanacearum</i> (Formerly <i>Ralstonia solanacearum</i> Phylotypes I and Tj ETQq1 1 O-784314 rgt /Overd	3.1	48
68	Receptor-mediated Endocytosis 8 Utilizes an N-terminal Phosphoinositide-binding Motif to Regulate Endosomal Clathrin Dynamics. <i>Journal of Biological Chemistry</i> , 2015, 290, 21676-21689.	3.4	16
69	Probing of the reaction pathway of human UDP-xylose synthase with site-directed mutagenesis. <i>Carbohydrate Research</i> , 2015, 416, 1-6.	2.3	2

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70	Multipart Chaperone-Effector Recognition in the Type III Secretion System of <i>Chlamydia trachomatis</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 28141-28155.	3.4	16
71	XLmap: an R package to visualize and score protein structure models based on sites of protein cross-linking. <i>Bioinformatics</i> , 2016, 32, 306-308.	4.1	17
72	Molecular Interactions and Cellular Itinerary of the Yeast RAVE (Regulator of the H ⁺ -ATPase of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	3.4	28
73	Effects of different interchain linkers on biological activity of an anti-prostate cancer single-chain bispecific antibody. <i>Theoretical Biology and Medical Modelling</i> , 2015, 12, 14.	2.1	4
74	Molecular Evolutionary Analysis of a-Defensin Peptides in Vertebrates. <i>Rajshahi University Journal of Science and Engineering</i> , 0, 44, 85-93.	1.0	2
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86	Structural Stability, Transitions, and Interactions within SoxYZCD-Thiosulphate from <i>Sulfurimonas denitrificans</i> : An In Silico Molecular Outlook for Maintaining Environmental Sulphur Cycle. <i>Journal of Biophysics</i> , 2016, 2016, 1-10.	0.8	1
87	Heart of glass anchors Rasip1 at endothelial cell-cell junctions to support vascular integrity. <i>ELife</i> , 2016, 5, e11394.	6.0	43
88	Using Data Mining and Computational Approaches to Study Intermediate Filament Structure and Function. <i>Methods in Enzymology</i> , 2016, 568, 255-276.	1.0	1

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90	Structural snapshots of Xer recombination reveal activation by synaptic complex remodeling and DNA bending. <i>ELife</i> , 2016, 5, .	6.0	15
91	The Intervening Sequence of <i>Coxiella burnetii</i> : Characterization and Evolution. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 83.	3.9	6
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96	Comparative Genomic Analysis Reveals a Diverse Repertoire of Genes Involved in Prokaryote-Eukaryote Interactions within the <i>Pseudovibrio</i> Genus. <i>Frontiers in Microbiology</i> , 2016, 7, 387.	3.5	36
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105	Nucleotide variation in Sabin type 3 poliovirus from an Albanian infant with agammaglobulinemia and vaccine associated poliomyelitis. <i>BMC Infectious Diseases</i> , 2016, 16, 277.	2.9	19
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#	ARTICLE	IF	CITATIONS
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108	Computational recognition and analysis of hitherto uncharacterized nucleotide cyclase-like proteins in bacteria. Biology Direct, 2016, 11, 27.	4.6	3
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118	Introduction of an N-Glycosylation Site into UDP-Glucuronosyltransferase 2B3 Alters Its Sensitivity to Cytochrome P450 3A1-Dependent Modulation. Frontiers in Pharmacology, 2016, 7, 427.	3.5	10
119	BdorOBP83a-2 Mediates Responses of the Oriental Fruit Fly to Semiochemicals. Frontiers in Physiology, 2016, 7, 452.	2.8	45
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145	Compound heterozygous mutations in <i>NEK8</i> in siblings with end-stage renal disease with hepatic and cardiac anomalies. American Journal of Medical Genetics, Part A, 2016, 170, 750-753.	1.2	22
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1855	Identification of the amino acids in the Major Histocompatibility Complex class II region of Scottish Blackface sheep that are associated with resistance to nematode infection. <i>International Journal for Parasitology</i> , 2019, 49, 797-804.	3.1	4
1856	Tomato bHLH132 Transcription Factor Controls Growth and Defense and Is Activated by <i>Xanthomonas euvesicatoria</i> Effector XopD During Pathogenesis. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1614-1622.	2.6	21

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1858	LOMETS2: improved meta-threading server for fold-recognition and structure-based function annotation for distant-homology proteins. Nucleic Acids Research, 2019, 47, W429-W436.	14.5	118
1859	Conformational communication mediates the reset step in t6A biosynthesis. Nucleic Acids Research, 2019, 47, 6551-6567.	14.5	21
1860	A Vibrio cholerae BolA-Like Protein Is Required for Proper Cell Shape and Cell Envelope Integrity. MBio, 2019, 10, .	4.1	24
1861	PRRDB 2.0: a comprehensive database of pattern-recognition receptors and their ligands. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	27
1862	Identification of a crucial amino acid implicated in the hydroxylation/desaturation ratio of CpFAH12 bifunctional hydroxylase. Biotechnology and Bioengineering, 2019, 116, 2451-2462.	3.3	10
1863	Environmental conditions shape the nature of a minimal bacterial genome. Nature Communications, 2019, 10, 3100.	12.8	43
1864	Small-protein Enrichment Assay Enables the Rapid, Unbiased Analysis of Over 100 Low Abundance Factors from Human Plasma. Molecular and Cellular Proteomics, 2019, 18, 1899-1915.	3.8	37
1865	Interactome Analysis and Docking Sites of MutS Homologs Reveal New Physiological Roles in Arabidopsis thaliana. Molecules, 2019, 24, 2493.	3.8	4
1866	Structural basis of microcystinase activity for biodegrading microcystin-LR. Chemosphere, 2019, 236, 124281.	8.2	15
1867	The CydDC family of transporters. Research in Microbiology, 2019, 170, 407-416.	2.1	9
1868	Overview of a High-Throughput Pipeline for Streamlining the Production of Recombinant Proteins. Methods in Molecular Biology, 2019, 2025, 33-49.	0.9	9
1869	Comparative structure-function features of Hsp70s of Plasmodium falciparum and human origins. Biophysical Reviews, 2019, 11, 591-602.	3.2	25
1870	Resurrection of efficient Precambrian endoglucanases for lignocellulosic biomass hydrolysis. Communications Chemistry, 2019, 2, .	4.5	21
1871	The haustorial transcriptome of the cucurbit pathogen Podosphaera xanthii reveals new insights into the biotrophy and pathogenesis of powdery mildew fungi. BMC Genomics, 2019, 20, 543.	2.8	18
1872	Biochemical regulation and structural analysis of copper-transporting ATPase in a human hepatoma cell line for Wilson disease. Journal of Cellular Biochemistry, 2019, 120, 18826-18844.	2.6	1
1873	A Bacterial Phage Tail-like Structure Kills Eukaryotic Cells by Injecting a Nuclease Effector. Cell Reports, 2019, 28, 295-301.e4.	6.4	39
1874	Characterization of a novel amylosucrase gene from the metagenome of a thermal aquatic habitat, and its use in turanose production from sucrose biomass. Enzyme and Microbial Technology, 2019, 131, 109372.	3.2	15

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1876	Genomewide identification and analysis of heat shock proteins 70/110 to reveal their potential functions in Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Ecology and Evolution</i> , 2019, 9, 6968-6985.	1.9	5
1877	Membrane-Deformation Ability of ANKHD1 Is Involved in the Early Endosome Enlargement. <i>IScience</i> , 2019, 17, 101-118.	4.1	15
1878	Repeated evolution of cytochrome P450-mediated spiroketal steroid biosynthesis in plants. <i>Nature Communications</i> , 2019, 10, 3206.	12.8	110
1879	Substrate specificity, regiospecificity, and processivity in glycoside hydrolase family 74. <i>Journal of Biological Chemistry</i> , 2019, 294, 13233-13247.	3.4	25
1880	A GntR-Like Transcription Factor HypR Regulates Expression of Genes Associated With L-Hydroxyproline Utilization in <i>Streptomyces coelicolor</i> A3(2). <i>Frontiers in Microbiology</i> , 2019, 10, 1451.	3.5	7
1881	Cryptic inoviruses revealed as pervasive in bacteria and archaea across Earth's biomes. <i>Nature Microbiology</i> , 2019, 4, 1895-1906.	13.3	206
1882	Insights into the mechanism(s) of digestion of crystalline cellulose by plant class C GH9 endoglucanases. <i>Journal of Molecular Modeling</i> , 2019, 25, 240.	1.8	5
1883	Insights about multi-targeting and synergistic neuromodulators in Ayurvedic herbs against epilepsy: integrated computational studies on drug-target and protein-protein interaction networks. <i>Scientific Reports</i> , 2019, 9, 10565.	3.3	31
1884	Neutralizing antibodies against Mayaro virus require Fc effector functions for protective activity. <i>Journal of Experimental Medicine</i> , 2019, 216, 2282-2301.	8.5	51
1885	The human 18S rRNA m6A methyltransferase METTL5 is stabilized by TRMT112. <i>Nucleic Acids Research</i> , 2019, 47, 7719-7733.	14.5	312
1886	Structural basis for the multitasking nature of the potato virus Y coat protein. <i>Science Advances</i> , 2019, 5, eaaw3808.	10.3	61
1887	N-terminal β -strand underpins biochemical specialization of an ATG8 isoform. <i>PLoS Biology</i> , 2019, 17, e3000373.	5.6	47
1888	Identification and characterization of the <i>Onchocerca volvulus</i> Excretory Secretory Product Ov28CRP, a putative GM2 activator protein. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007591.	3.0	10
1889	Analysis of seven putative Na ⁺ /H ⁺ antiporters of <i>Arthrospira platensis</i> NIES-39 using transcription profiling and in silico studies: an indication towards alkaline pH acclimation. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 1175-1183.	3.1	1
1890	CTLGA9 Interacts with ALP1 and APN Receptors To Modulate Cry11Aa Toxicity in <i>Aedes aegypti</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8896-8904.	5.2	14
1891	SopF, a phosphoinositide binding effector, promotes the stability of the nascent <i>Salmonella</i> -containing vacuole. <i>PLoS Pathogens</i> , 2019, 15, e1007959.	4.7	52
1892	In silico and in vitro evaluation of tetrahydropyridine compounds as efflux inhibitors in <i>Mycobacterium abscessus</i> . <i>Tuberculosis</i> , 2019, 118, 101853.	1.9	15

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1894	<i>Craterostigma plantagineum</i> cell wall composition is remodelled during desiccation and the glycine-rich protein CpGRP1 interacts with pectins through clustered arginines. Plant Journal, 2019, 100, 661-676.	5.7	22
1895	The carbonic anhydrase of <i>Clostridium autoethanogenum</i> represents a new subclass of β^2 -carbonic anhydrases. Applied Microbiology and Biotechnology, 2019, 103, 7275-7286.	3.6	11
1896	Characterization of a new il-4/13 homologue in grass carp (<i>Ctenopharyngodon idella</i>) and its cooperation with M-CSF to promote macrophage proliferation. Fish and Shellfish Immunology, 2019, 93, 508-516.	3.6	4
1897	Human placental β^2 -hydroxysteroid dehydrogenase/steroid β^5 ,4-isomerase 1: Identity, regulation and environmental inhibitors. Toxicology, 2019, 425, 152253.	4.2	15
1898	Peptidoglycan O-Acetylation as a Virulence Factor: Its Effect on Lysozyme in the Innate Immune System. Antibiotics, 2019, 8, 94.	3.7	34
1899	Two Novel Negative-Sense RNA Viruses Infecting Grapevine Are Members of a Newly Proposed Genus within the Family Phenuiviridae. Viruses, 2019, 11, 685.	3.3	27
1900	Interpretation of medium resolution cryoEM maps of multi-protein complexes. Current Opinion in Structural Biology, 2019, 58, 166-174.	5.7	18
1901	An engineered mutant of a host phospholipid synthesis gene inhibits viral replication without compromising host fitness. Journal of Biological Chemistry, 2019, 294, 13973-13982.	3.4	6
1902	Identification of most damaging nsSNPs in human <i>CCR6</i> gene: In silico analyses. International Journal of Immunogenetics, 2019, 46, 459-471.	1.8	21
1903	Identification, characterization and benefits of an exclusion system in an integrative and conjugative element of <i>Bacillus subtilis</i> . Molecular Microbiology, 2019, 112, 1066-1082.	2.5	24
1904	Timing Is Everything: Impact of Naturally Occurring <i>Staphylococcus aureus</i> AgrC Cytoplasmic Domain Adaptive Mutations on Autoinduction. Journal of Bacteriology, 2019, 201, .	2.2	19
1905	Genome-Wide Identification and Expression Analysis of HD-ZIP I Gene Subfamily in <i>Nicotiana tabacum</i> . Genes, 2019, 10, 575.	2.4	16
1906	Lowe syndrome-linked endocytic adaptors direct membrane cycling kinetics with OCRL in <i>Dictyostelium discoideum</i> . Molecular Biology of the Cell, 2019, 30, 2268-2282.	2.1	2
1907	Rhoptry neck protein 11 has crucial roles during malaria parasite sporozoite invasion of salivary glands and hepatocytes. International Journal for Parasitology, 2019, 49, 725-735.	3.1	14
1908	Duplication and soldier-specific expression of geranylgeranyl diphosphate synthase genes in a nasute termite <i>Nasutitermes takasagoensis</i> . Insect Biochemistry and Molecular Biology, 2019, 111, 103177.	2.7	16
1909	High-resolution mapping of rachis nodes per rachis, a critical determinant of grain yield components in wheat. Theoretical and Applied Genetics, 2019, 132, 2707-2719.	3.6	40
1910	Symmetric activity of DNA polymerases at and recruitment of exonuclease ExoR and of PolA to the <i>Bacillus subtilis</i> replication forks. Nucleic Acids Research, 2019, 47, 8521-8536.	14.5	23

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1912	MFS transporter from <i>Botrytis cinerea</i> provides tolerance to glucosinolate-breakdown products and is required for pathogenicity. <i>Nature Communications</i> , 2019, 10, 2886.	12.8	76
1913	Computer-aided re-engineering of nonribosomal peptide and polyketide biosynthetic assembly lines. <i>Natural Product Reports</i> , 2019, 36, 1249-1261.	10.3	35
1914	Biochemical characteristics of maltose phosphorylase MalE from <i>Bacillus</i> sp. AHU2001 and chemoenzymatic synthesis of oligosaccharides by the enzyme. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 2097-2109.	1.3	6
1915	Three genetically distinct ferlavirus have varying effects on infected corn snakes (<i>Pantherophis</i>) Tj ETQq0 0 0 rgBTJ Overlock 10 Tf 50	2.5	7
1916	Identification and structural analysis of the tripartite β -pore forming toxin of <i>Aeromonas hydrophila</i> . <i>Nature Communications</i> , 2019, 10, 2900.	12.8	20
1917	Ancient Hybridization and Adaptive Introgression of an Invadysin Gene in Schistosome Parasites. <i>Molecular Biology and Evolution</i> , 2019, 36, 2127-2142.	8.9	56
1918	Missense Mutations in the Human Nanophthalmos Gene <i>TMEM98</i> Cause Retinal Defects in the Mouse. , 2019, 60, 2875.		16
1919	Phosphatidic acid homeostasis regulated by a type-2 phosphatidic acid phosphatase represents a novel druggable target in malaria intervention. <i>Cell Death Discovery</i> , 2019, 5, 107.	4.7	12
1920	Acquisition of bedaquiline resistance by extensively drug-resistant <i>Mycobacterium tuberculosis</i> strain of Central Asian Outbreak clade. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1295-1297.	6.0	14
1921	PhyreRisk: A Dynamic Web Application to Bridge Genomics, Proteomics and 3D Structural Data to Guide Interpretation of Human Genetic Variants. <i>Journal of Molecular Biology</i> , 2019, 431, 2460-2466.	4.2	21
1922	Proximity labeling reveals novel interactomes in live <i>Drosophila</i> tissue. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	32
1923	Introduction of a C-terminal hexa-lysine tag increases thermal stability of the LacDiNac binding adhesin (LabA) exodomain from <i>Helicobacter pylori</i> . <i>Protein Expression and Purification</i> , 2019, 163, 105446.	1.3	7
1924	Expression, purification and metal utilization of recombinant SodA from <i>Borrelia burgdorferi</i> . <i>Protein Expression and Purification</i> , 2019, 163, 105447.	1.3	2
1925	<i>Candidatus</i> <i>Phytoplasma mali</i> ™ Genome Encodes a Protein that Functions as an E3 Ubiquitin Ligase and Could Inhibit Plant Basal Defense. <i>Molecular Plant-Microbe Interactions</i> , 2019, 32, 1487-1495.	2.6	12
1926	Evolutionary Analysis of Unicellular Species in Chlamydomonadales Through Chloroplast Genome Comparison With the Colonial Volvocine Algae. <i>Frontiers in Microbiology</i> , 2019, 10, 1351.	3.5	13
1927	A theoretical and experimental approach to evaluate zein-calcium interaction in nixtamalization process. <i>Food Chemistry</i> , 2019, 297, 124995.	8.2	6
1928	Diversity and evolution of chitin synthases in oomycetes (Straminipila: Oomycota). <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106558.	2.7	14

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1930	The expression pattern of the Pho1a genes encoding plastidic starch phosphorylase correlates with the degradation of starch during fruit ripening in green-fruited and red-fruited tomato species. <i>Functional Plant Biology</i> , 2019, 46, 1146.	2.1	8
1931	Biochemical and physiological flexibility accompanies reduced cellulose biosynthesis in <i>Brachypodium cesa1S830N</i> . <i>AoB PLANTS</i> , 2019, 11, plz041.	2.3	2
1932	Specific Xylan Activity Revealed for AA9 Lytic Polysaccharide Monooxygenases of the Thermophilic Fungus <i>Malbranchea cinnamomea</i> by Functional Characterization. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	54
1933	<i>POPDC3</i> Gene Variants Associate with a New Form of Limb Girdle Muscular Dystrophy. <i>Annals of Neurology</i> , 2019, 86, 832-843.	5.3	27
1934	A piperidinol-containing molecule is active against <i>Mycobacterium tuberculosis</i> by inhibiting the mycolic acid flippase activity of MmpL3. <i>Journal of Biological Chemistry</i> , 2019, 294, 17512-17523.	3.4	32
1935	Characterization of a novel glycosylated glutathione transferase of <i>Onchocerca ochengi</i> , closest relative of the human river blindness parasite. <i>Parasitology</i> , 2019, 146, 1773-1784.	1.5	2
1936	In Silico Insights towards the Identification of NLRP3 Druggable Hot Spots. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4974.	4.1	18
1937	Molecular dynamics and docking reveal the potency of novel GTP derivatives against RNA dependent RNA polymerase of genotype 4a HCV. <i>Life Sciences</i> , 2019, 238, 116958.	4.3	42
1938	Architecture of African swine fever virus and implications for viral assembly. <i>Science</i> , 2019, 366, 640-644.	12.6	252
1939	Identification and characterisation of capidermicin, a novel bacteriocin produced by <i>Staphylococcus capitis</i> . <i>PLoS ONE</i> , 2019, 14, e0223541.	2.5	24
1940	Essentials of Bioinformatics, Volume II. , 2019, , .		1
1941	Detecting distant-homology protein structures by aligning deep neural-network based contact maps. <i>PLoS Computational Biology</i> , 2019, 15, e1007411.	3.2	45
1942	Complete genome sequence of the novel phage vB_BthS-HD29phi infecting <i>Bacillus thuringiensis</i> . <i>Archives of Virology</i> , 2019, 164, 3089-3093.	2.1	2
1943	Zinc binding proteome of a phytopathogen <i>Xanthomonas translucens</i> pv. <i>undulosa</i> . <i>Royal Society Open Science</i> , 2019, 6, 190369.	2.4	10
1944	Bioinformatic Exploration of Metal-Binding Proteome of Zoonotic Pathogen <i>Orientia tsutsugamushi</i> . <i>Frontiers in Genetics</i> , 2019, 10, 797.	2.3	12
1945	The cell cycle-regulated DNA adenine methyltransferase CcrM opens a bubble at its DNA recognition site. <i>Nature Communications</i> , 2019, 10, 4600.	12.8	26
1946	A conserved Bcd1 interaction essential for box C/D snoRNP biogenesis. <i>Journal of Biological Chemistry</i> , 2019, 294, 18360-18371.	3.4	12

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1948	Crystal structure of the transcriptional repressor DdrO: insight into the metalloprotease/repressor-controlled radiation response in Deinococcus. Nucleic Acids Research, 2019, 47, 11403-11417.	14.5	18
1949	Folding and stability of recombinant azoreductase enzyme from Chromobacterium violaceum. Enzyme and Microbial Technology, 2019, 131, 109433.	3.2	2
1950	Cas9 Allosteric Inhibition by the Anti-CRISPR Protein AcrIIA6. Molecular Cell, 2019, 76, 922-937.e7.	9.7	44
1951	Computational protein design of bacteriocins based on structural scaffold of aureocin A53. International Journal of Bioinformatics Research and Applications, 2019, 15, 129.	0.2	7
1952	The Mediator subunit OsMED15a is a transcriptional co-regulator of seed size/weightâ€modulating genes in rice. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 194432.	1.9	16
1953	A marine viral halogenase that iodinates diverse substrates. Nature Chemistry, 2019, 11, 1091-1097.	13.6	65
1954	Structure, Function, and Evolution of the Pseudomonas aeruginosa Lysine Decarboxylase LdcA. Structure, 2019, 27, 1842-1854.e4.	3.3	9
1955	Spectroscopic and Electrochemical Characterization of the Mycofactocin Biosynthetic Protein, MftC, Provides Insight into Its Redox Flipping Mechanism. Biochemistry, 2019, 58, 940-950.	2.5	25
1956	Cyclic GMPâ€AMP signalling protects bacteria against viral infection. Nature, 2019, 574, 691-695.	27.8	370
1957	The homozygous variant c.245G > A/p.G82D in PNPLA2 is associated with arrhythmogenic cardiomyopathy phenotypic manifestations. Clinical Genetics, 2019, 96, 532-540.	2.0	5
1958	A novel <i>LAMP2</i> p.G93R mutation associated with mild Danon disease presenting with familial hypertrophic cardiomyopathy. Molecular Genetics & Genomic Medicine, 2019, 7, e00941.	1.2	9
1959	Conserved HORMA domain-containing protein Hop1 stabilizes interaction between proteins of meiotic DNA break hotspots and chromosome axis. Nucleic Acids Research, 2019, 47, 10166-10180.	14.5	30
1960	SilkDB 3.0: visualizing and exploring multiple levels of data for silkworm. Nucleic Acids Research, 2020, 48, D749-D755.	14.5	59
1961	A Single SNP Turns a Social Honey Bee (Apis mellifera) Worker into a Selfish Parasite. Molecular Biology and Evolution, 2019, 36, 516-526.	8.9	22
1962	New perspectives on the plant PARP family: Arabidopsis PARP3 is inactive, and PARP1 exhibits predominant poly (ADP-ribose) polymerase activity in response to DNA damage. BMC Plant Biology, 2019, 19, 364.	3.6	24
1963	Biochemical and structural analysis of N-terminal acetyltransferases. Methods in Enzymology, 2019, 626, 271-299.	1.0	5
1964	Stereodivergent, Chemoenzymatic Synthesis of Azaphilone Natural Products. Journal of the American Chemical Society, 2019, 141, 18551-18559.	13.7	37

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1965	Designing a less immunogenic nattokinase from <i>Bacillus subtilis</i> subsp. <i>natto</i> : a computational mutagenesis. <i>Journal of Molecular Modeling</i> , 2019, 25, 337.	1.8	5
1966	Cryo-EM structure of the complete <i>E. coli</i> DNA gyrase nucleoprotein complex. <i>Nature Communications</i> , 2019, 10, 4935.	12.8	68
1967	The genetic landscape of the human solute carrier (SLC) transporter superfamily. <i>Human Genetics</i> , 2019, 138, 1359-1377.	3.8	79
1968	The subcellular localization of bHLH transcription factor TCF4 is mediated by multiple nuclear localization and nuclear export signals. <i>Scientific Reports</i> , 2019, 9, 15629.	3.3	5
1969	Differences in protein structural regions that impact functional specificity in GT2 family Î ² -glucan synthases. <i>PLoS ONE</i> , 2019, 14, e0224442.	2.5	17
1970	Switching the Ligand Specificity of the Biosensor XylS from <i>meta</i> to <i>para</i> -Toluic Acid through Directed Evolution Exploiting a Dual Selection System. <i>ACS Synthetic Biology</i> , 2019, 8, 2679-2689.	3.8	12
1971	Differential Inhibition of Human and Trypanosome Ubiquitin E1S by TAK-243 Offers Possibilities for Parasite Selective Inhibitors. <i>Scientific Reports</i> , 2019, 9, 16195.	3.3	9
1972	RareLSD: a manually curated database of lysosomal enzymes associated with rare diseases. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	4
1973	AidB, a Novel Thermostable N -Acylhomoserine Lactonase from the Bacterium <i>Bosea</i> sp. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	28
1974	Genome-Wide Variation in Potyviruses. <i>Frontiers in Plant Science</i> , 2019, 10, 1439.	3.6	80
1975	[18F] Clofarabine for PET Imaging of Hepatocellular Carcinoma. <i>Cancers</i> , 2019, 11, 1748.	3.7	4
1976	Research Article & In silico characterization and phylogenetic analysis of a mannose-specific lectin in <i>Allium</i> species. <i>Genetics and Molecular Research</i> , 2019, 18, .	0.2	4
1977	Transcriptome-Based Identification and Molecular Evolution of the Cytochrome P450 Genes and Expression Profiling under Dimethoate Treatment in Amur Stickleback (<i>Pungitius sinensis</i>). <i>Animals</i> , 2019, 9, 873.	2.3	6
1978	Computational Nanoscopy of Tight Junctions at the Bloodâ€”Brain Barrier Interface. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5583.	4.1	18
1979	Anti-CRISPR AcrIIA5 Potently Inhibits All Cas9 Homologs Used for Genome Editing. <i>Cell Reports</i> , 2019, 29, 1739-1746.e5.	6.4	35
1980	The Immunomodulatory Effect of IrSPI, a Tick Salivary Gland Serine Protease Inhibitor Involved in <i>Ixodes ricinus</i> Tick Feeding. <i>Vaccines</i> , 2019, 7, 148.	4.4	16
1981	HIV-1 Vif Triggers Cell Cycle Arrest by Degrading Cellular PPP2R5 Phospho-regulators. <i>Cell Reports</i> , 2019, 29, 1057-1065.e4.	6.4	28
1982	Clinical, genetic, and molecular characterization of hyperphosphatasia with mental retardation: a case report and literature review. <i>Diagnostic Pathology</i> , 2019, 14, 123.	2.0	7

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1983	In silico selection of functionally important proteins from the mialome of <i>Ornithodoros erraticus</i> ticks and assessment of their protective efficacy as vaccine targets. <i>Parasites and Vectors</i> , 2019, 12, 508.	2.5	15
1984	Characterization of a new sg-5 variant with reduced biosynthesis of group A saponins in soybean (<i>Glycine max</i> (L.) Merr.). <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	5
1985	Computationally Guided Discovery and Experimental Validation of Indole-3-acetic Acid Synthesis Pathways. <i>ACS Chemical Biology</i> , 2019, 14, 2867-2875.	3.4	8
1986	Antitumor activity of an engineered decoy receptor targeting CLCF1- α -CNTFR signaling in lung adenocarcinoma. <i>Nature Medicine</i> , 2019, 25, 1783-1795.	30.7	43
1987	Structural characterization of the RH1-LZI tandem of JIP3/4 highlights RH1 domains as a cytoskeletal motor-binding motif. <i>Scientific Reports</i> , 2019, 9, 16036.	3.3	22
1988	Identification of putative adhesins and carbohydrate ligands of <i>Lactobacillus paracasei</i> using a combinatorial in silico and glycomics microarray profiling approach. <i>Integrative Biology (United Tj ETQq1 1 0.784314 rgBT /@verlock 10</i>		
1989	Proteomic characterisation of the <i>Chlamydia abortus</i> outer membrane complex (COMC) using combined rapid monolithic column liquid chromatography and fast MS/MS scanning. <i>PLoS ONE</i> , 2019, 14, e0224070.	2.5	5
1990	Biosynthesis of a Tricyclo[6.2.2.0 ^{2,7}]dodecane System by a Berberine Bridge Enzyme- α -Like Aldolase. <i>Chemistry - A European Journal</i> , 2019, 25, 15062-15066.	3.3	7
1991	New Insight into the Mechanism of Anaerobic Heme Degradation. <i>Biochemistry</i> , 2019, 58, 4641-4654.	2.5	17
1992	Structural transitions during the scaffolding-driven assembly of a viral capsid. <i>Nature Communications</i> , 2019, 10, 4840.	12.8	21
1993	An onboard checking mechanism ensures effector delivery of the type VI secretion system in <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23292-23298.	7.1	45
1994	RNA-Seq of <i>in planta</i> -expressed <i>Magnaporthe oryzae</i> genes identifies MoSVP as a highly expressed gene required for pathogenicity at the initial stage of infection. <i>Molecular Plant Pathology</i> , 2019, 20, 1682-1695.	4.2	20
1995	Complex Oxidation of Apocytochromes <i>c</i> during Bacterial Cytochrome <i>c</i> Maturation. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	16
1996	Mouse Gut Microbiome-Encoded β -Glucuronidases Identified Using Metagenome Analysis Guided by Protein Structure. <i>MSystems</i> , 2019, 4, .	3.8	34
1997	Decoding of novel missense TSC2 gene variants using in-silico methods. <i>BMC Medical Genetics</i> , 2019, 20, 164.	2.1	4
1998	Disruption of PHF21A causes syndromic intellectual disability with craniofacial anomalies, epilepsy, hypotonia, and neurobehavioral problems including autism. <i>Molecular Autism</i> , 2019, 10, 35.	4.9	30
1999	Modular Diversity of the BLUF Proteins and Their Potential for the Development of Diverse Optogenetic Tools. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3924.	2.5	4
2000	In Vivo Functional Study of Disease-associated Rare Human Variants Using <i>Drosophila</i> . <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	34

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2002	Disorder Mediated Oligomerization of <i>DISC1</i> Proteins Revealed by Coarse-Grained Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2019, 123, 9567-9575.	2.6	5
2003	The global distribution and evolutionary history of the pT26 α 2 archaeal plasmid family. <i>Environmental Microbiology</i> , 2019, 21, 4685-4705.	3.8	4
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2005	NGS Analysis for Molecular Diagnosis of Retinitis Pigmentosa (RP): Detection of a Novel Variant in PRPH2 Gene. <i>Genes</i> , 2019, 10, 792.	2.4	10
2006	Photostimulus-Responsive Large-Area Two-Dimensional Covalent Organic Framework Films. <i>Angewandte Chemie</i> , 2019, 131, 16247-16250.	2.0	18
2007	Lipopeptide-Based Nanosome-Mediated Delivery of Hyperaccurate CRISPR/Cas9 Ribonucleoprotein for Gene Editing. <i>Small</i> , 2019, 15, e1903172.	10.0	10
2008	Structural and Biochemical Characterization of the YaxAB Pore-forming Toxin from <i>Yersinia Enterocolitica</i> . <i>Springer Theses</i> , 2019, , .	0.1	0
2009	Differences in the sucrose synthase gene <i>SUS1</i> expression pattern between <i>Solanum lycopersicum</i> and wild tomato species. <i>Theoretical and Experimental Plant Physiology</i> , 2019, 31, 455-462.	2.4	4
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2011	Differential interaction strategies of hepatitis c virus genotypes during entry - An in silico investigation of envelope glycoprotein E2 - CD81 interaction. <i>Infection, Genetics and Evolution</i> , 2019, 69, 48-60.	2.3	1
2013	The N-terminal D1 domain of <i>Treponema pallidum</i> flagellin binding to TLR5 is required but not sufficient in activation of TLR5. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7490-7504.	3.6	12
2014	The flagellotropic bacteriophage YSD1 targets <i>Salmonella</i> Typhi with a Chi-like protein tail fibre. <i>Molecular Microbiology</i> , 2019, 112, 1831-1846.	2.5	24
2015	Structure-Function Analysis of the Phosphoesterase Component of the Nucleic Acid End-Healing Enzyme <i>Runella slithyformis</i> HD-Pnk. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	0
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2018	Silicon Uptake and Localisation in Date Palm (<i>Phoenix dactylifera</i>) - A Unique Association With Sclerenchyma. <i>Frontiers in Plant Science</i> , 2019, 10, 988.	3.6	37
2019	Structure and mechanism of mitochondrial proton-translocating transhydrogenase. <i>Nature</i> , 2019, 573, 291-295.	27.8	55

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2028	The Application of Convolutional Neural Network in Security Code Recognition. <i>Journal of Physics: Conference Series</i> , 2019, 1187, 042064.	0.4	1
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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