Classification and function of small open reading frame

Nature Reviews Molecular Cell Biology

18, 575-589

DOI: 10.1038/nrm.2017.58

Citation Report

#	Article	IF	Citations
1	Viral Infection Identifies Micropeptides Differentially Regulated in smORF-Containing lncRNAs. Genes, 2017, 8, 206.	1.0	50
2	Deep transcriptome annotation enables the discovery and functional characterization of cryptic small proteins. ELife, 2017, 6, .	2.8	93
3	Understanding biopharmaceutical production at single nucleotide resolution using ribosome footprint profiling. Current Opinion in Biotechnology, 2018, 53, 182-190.	3.3	3
4	CRISPR-Cas9; an efficient tool for precise plant genome editing. Molecular and Cellular Probes, 2018, 39, 47-52.	0.9	8
5	Recognition of the polycistronic nature of human genes is critical to understanding the genotype-phenotype relationship. Genome Research, 2018, 28, 609-624.	2.4	54
6	Identification of 22q13 genes most likely to contribute to Phelan McDermid syndrome. European Journal of Human Genetics, 2018, 26, 293-302.	1.4	54
7	An update on sORFs.org: a repository of small ORFs identified by ribosome profiling. Nucleic Acids Research, 2018, 46, D497-D502.	6.5	135
8	Comprehensive Peptide Analysis of Mouse Brain Striatum Identifies Novel sORFâ€Encoded Polypeptides. Proteomics, 2018, 18, e1700218.	1.3	30
9	Short Open Reading Frames and Their Encoded Peptides. Proteomics, 2018, 18, e1700035.	1.3	7
10	Translation of neutrally evolving peptides provides a basis for de novo gene evolution. Nature Ecology and Evolution, 2018, 2, 890-896.	3.4	112
11	Mining for Small Translated ORFs. Journal of Proteome Research, 2018, 17, 1-11.	1.8	54
12	Shavenbaby and Yorkie mediate Hippo signaling to protect adult stem cells from apoptosis. Nature Communications, 2018, 9, 5123.	5.8	27
13	Deconstructing internal ribosome entry site elements: an update of structural motifs and functional divergences. Open Biology, 2018, 8, 180155.	1.5	15
14	The translation of non-canonical open reading frames controls mucosal immunity. Nature, 2018, 564, 434-438.	13.7	159
15	ProteomeGenerator: A Framework for Comprehensive Proteomics Based on de Novo Transcriptome Assembly and High-Accuracy Peptide Mass Spectral Matching. Journal of Proteome Research, 2018, 17, 3681-3692.	1.8	24
16	The functions and unique features of long intergenic non-coding RNA. Nature Reviews Molecular Cell Biology, 2018, 19, 143-157.	16.1	968
17	The cancer-associated microprotein CASIMO1 controls cell proliferation and interacts with squalene epoxidase modulating lipid droplet formation. Oncogene, 2018, 37, 4750-4768.	2.6	111
18	Impact of Noncoding Part of the Genome on the Proteome Plasticity of the Eukaryotic Cell. Russian Journal of Bioorganic Chemistry, 2018, 44, 397-402.	0.3	2

#	Article	IF	Citations
19	A Role for Epitope Networking in Immunomodulation by Helminths. Frontiers in Immunology, 2018, 9, 1763.	2.2	6
20	FSPP: A Tool for Genome-Wide Prediction of smORF-Encoded Peptides and Their Functions. Frontiers in Genetics, 2018, 9, 96.	1.1	17
21	Molecular characterization of the first saltwater crocodilepox virus genome sequences from the worldâ€™s largest living member of the Crocodylia. Scientific Reports, 2018, 8, 5623.	1.6	27
22	Non-coding transcript variants of protein-coding genes â€“ what are they good for?. RNA Biology, 2018, 15, 1-7.	1.5	49
23	Distinct types of short open reading frames are translated in plant cells. Genome Research, 2019, 29, 1464-1477.	2.4	43
24	Large-Scale Analyses of Human Microbiomes Reveal Thousands of Small, Novel Genes. Cell, 2019, 178, 1245-1259.e14.	13.5	163
25	MOTSâ€c: A Mitochondrialâ€Encoded Regulator of the Nucleus. BioEssays, 2019, 41, e1900046.	1.2	19
26	Regulation of the ER stress response by a mitochondrial microprotein. Nature Communications, 2019, 10, 4883.	5.8	115
27	Systematic search for structural motifs of peptide binding to double-stranded DNA. Nucleic Acids Research, 2019, 47, 10553-10563.	6.5	26
28	Full-length transcriptome reconstruction reveals a large diversity of RNA and protein isoforms in rat hippocampus. Nature Communications, 2019, 10, 5009.	5.8	43
29	MiPepid: MicroPeptide identification tool using machine learning. BMC Bioinformatics, 2019, 20, 559.	1.2	51
30	Multiple Roles of the Polycistronic Gene Tarsal-less/Mille-Pattes/Polished-Rice During Embryogenesis of the Kissing Bug Rhodnius prolixus. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	5
31	ncRNA-Encoded Peptides or Proteins and Cancer. Molecular Therapy, 2019, 27, 1718-1725.	3.7	202
32	Fungi of Antarctica. , 2019, , .		49
33	Genomics of Antarctic Fungi: A New Frontier. , 2019, , 319-338.		0
34	The Translational Landscape of the Human Heart. Cell, 2019, 178, 242-260.e29.	13.5	407
35	Long non-coding RNAs in genitourinary malignancies: a whole new world. Nature Reviews Urology, 2019, 16, 484-504.	1.9	80
36	Complete assembly of the Leishmania donovani (HU3 strain) genome and transcriptome annotation. Scientific Reports, 2019, 9, 6127.	1.6	18

#	Article	IF	Citations
37	A Hidden ORF Reveals an Immune Protector. Biochemistry, 2019, 58, 1022-1023.	1.2	1
38	Small open reading frames and cellular stress responses. Molecular Omics, 2019, 15, 108-116.	1.4	54
39	Computational Analysis of Breast Cancer Sequences using Next Generation Sequencing Methods in Julia. Procedia Computer Science, 2019, 165, 582-590.	1.2	0
40	Proteomic Detection and Validation of Translated Small Open Reading Frames. Current Protocols in Chemical Biology, 2019, 11, e77.	1.7	26
41	Peptides encoded by noncoding genes: challenges and perspectives. Signal Transduction and Targeted Therapy, 2019, 4, 57.	7.1	22
42	Translation of Small Open Reading Frames: Roles in Regulation and Evolutionary Innovation. Trends in Genetics, 2019, 35, 186-198.	2.9	74
43	The multiverse nature of epithelial to mesenchymal transition. Seminars in Cancer Biology, 2019, 58, 1-10.	4.3	90
44	Ribosomal Peptides and Small Proteins on the Rise. ChemBioChem, 2019, 20, 1479-1486.	1.3	14
45	RPFdb v2.0: an updated database for genome-wide information of translated mRNA generated from ribosome profiling. Nucleic Acids Research, 2019, 47, D230-D234.	6.5	43
46	Using the sORFs.Org Database. Current Protocols in Bioinformatics, 2019, 65, e68.	25.8	9
47	MiTPeptideDB: a proteogenomic resource for the discovery of novel peptides. Bioinformatics, 2020, 36, 205-211.	1.8	7
48	Alternative ORFs and small ORFs: shedding light on the dark proteome. Nucleic Acids Research, 2020, 48, 1029-1042.	6.5	205
49	Accurate annotation of human protein-coding small open reading frames. Nature Chemical Biology, 2020, 16, 458-468.	3.9	136
50	Optimized Sample Preparation Workflow for Improved Identification of Ghost Proteins. Analytical Chemistry, 2020, 92, 1122-1129.	3.2	32
51	Some like it translated: small ORFs in the 5â€²UTR. Experimental Cell Research, 2020, 396, 112229.	1.2	31
52	Influence of Blood Collection Methods and Long-Term Plasma Storage on Quorum-Sensing Peptide Stability. ACS Omega, 2020, 5, 16120-16127.	1.6	8
53	Complementarity of Different SDSâ€PAGE Gel Staining Methods for the Identification of Short Open Reading Frameâ€Encoded Peptides. Proteomics, 2020, 20, e2000084.	1.3	16
54	Translational control of coronaviruses. Nucleic Acids Research, 2020, 48, 12502-12522.	6.5	43

#	Article	IF	Citations
55	Universal Single-Residue Terminal Labels for Fluorescent Live Cell Imaging of Microproteins. Journal of the American Chemical Society, 2020, 142, 20080-20087.	6.6	14
56	Epigenetic Regulation by Non-Coding RNAs in the Avian Immune System. Life, 2020, 10, 148.	1.1	4
57	Small Open Reading Frames: How Important Are They for Molecular Evolution?. Frontiers in Genetics, 2020, 11, 574737.	1.1	13
58	Construction of High-Quality Rice Ribosome Footprint Library. Frontiers in Plant Science, 2020, 11, 572237.	1.7	5
59	smORFunction: a tool for predicting functions of small open reading frames and microproteins. BMC Bioinformatics, 2020, 21, 455.	1.2	12
60	Peptides derived from small mitochondrial open reading frames: Genomic, biological, and therapeutic implications. Experimental Cell Research, 2020, 393, 112056.	1.2	50
61	Developmental regulation of canonical and small ORF translation from mRNAs. Genome Biology, 2020, 21, 128.	3.8	32
62	Characterising the loss-of-function impact of 5â€™ untranslated region variants in 15,708 individuals. Nature Communications, 2020, 11, 2523.	5.8	99
63	Polycysteineâ€encoding leaderless short ORFs function as cysteineâ€responsive attenuators of operonic gene expression in mycobacteria. Molecular Microbiology, 2020, 114, 93-108.	1.2	21
64	Ancient evolutionary signals of protein-coding sequences allow the discovery of new genes in the Drosophila melanogaster genome. BMC Genomics, 2020, 21, 210.	1.2	3
65	The functions of short ORFs and their microproteins. Nature Reviews Molecular Cell Biology, 2020, 21, 252-253.	16.1	2
66	Mitochondrial peptide BRAWNIN is essential for vertebrate respiratory complex III assembly. Nature Communications, 2020, 11, 1312.	5.8	87
67	The hunt for sORFs: A multidisciplinary strategy. Experimental Cell Research, 2020, 391, 111923.	1.2	26
68	Using AnABlast for intergenic sORF prediction in the Caenorhabditis elegans genome. Bioinformatics, 2020, 36, 4827-4832.	1.8	6
69	Mitochondrial ATPase inhibitor factor 1, MjATPIF1, is beneficial for WSSV replication in kuruma shrimp (Marsupenaeus japonicus). Fish and Shellfish Immunology, 2020, 98, 245-254.	1.6	2
70	UBB pseudogene 4 encodes functional ubiquitin variants. Nature Communications, 2020, 11, 1306.	5.8	34
71	Alternative proteins are functional regulators in cell reprogramming by PKA activation. Nucleic Acids Research, 2020, 48, 7864-7882.	6.5	24
72	DeepCPP: a deep neural network based on nucleotide bias information and minimum distribution similarity feature selection for RNA coding potential prediction. Briefings in Bioinformatics, 2021, 22, 2073-2084.	3.2	36

#	Article	IF	Citations
73	Comprehensive genome analysis and comparisons of the swine pathogen, Chlamydia suis reveals unique ORFs and candidate host-specificity factors. Pathogens and Disease, 2021, 79, .	0.8	5
74	Identification and analysis of small proteins and short open reading frame encoded peptides in Hep3B cell. Journal of Proteomics, 2021, 230, 103965.	1.2	17
75	sORF-Encoded Polypeptide SEP1 Is a Novel Virulence Factor of Phytophthora Pathogens. Molecular Plant-Microbe Interactions, 2021, 34, 157-167.	1.4	7
76	FexRNA: Exploratory Data Analysis and Feature Selection of Non-Coding RNA. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2795-2801.	1.9	5
77	Multidimensional separation schemes enhance the identification and molecular characterization of low molecular weight proteomes and short open reading frame-encoded peptides in top-down proteomics. Journal of Proteomics, 2021, 230, 103988.	1.2	27
78	Potentiation of B2 receptor signaling by AltB2R, a newly identified alternative protein encoded in the human bradykinin B2 receptor gene. Journal of Biological Chemistry, 2021, 296, 100329.	1.6	9
79	Deeply Mining a Universe of Peptides Encoded by Long Noncoding RNAs. Molecular and Cellular Proteomics, 2021, 20, 100109.	2.5	24
80	Alt-RPL36 downregulates the PI3K-AKT-mTOR signaling pathway by interacting with TMEM24. Nature Communications, 2021, 12, 508.	5.8	32
81	Identifying Receptors for Neuropeptides and Peptide Hormones: Challenges and Recent Progress. ACS Chemical Biology, 2021, 16, 251-263.	1.6	16
83	Revisiting sORFs: overcoming challenges to identify and characterize functional microproteins. FEBS Journal, 2022, 289, 53-74.	2.2	57
85	Impact of uORFs in mediating regulation of translation in stress conditions. BMC Molecular and Cell Biology, 2021, 22, 29.	1.0	16
86	Microproteins: from behind the scenes to the spotlight. Genome Instability & Disease, 2021, 2, 225-239.	0.5	5
87	ORFLine: a bioinformatic pipeline to prioritize small open reading frames identifies candidate secreted small proteins from lymphocytes. Bioinformatics, 2021, 37, 3152-3159.	1.8	7
88	Improved Identification of Small Open Reading Frames Encoded Peptides by Top-Down Proteomic Approaches and De Novo Sequencing. International Journal of Molecular Sciences, 2021, 22, 5476.	1.8	16
89	Minireview: Novel Micropeptide Discovery by Proteomics and Deep Sequencing Methods. Frontiers in Genetics, 2021, 12, 651485.	1.1	13
90	Genome-Wide Identification and Characterization of Small Peptides in Maize. Frontiers in Plant Science, 2021, 12, 695439.	1.7	16
92	MetamORF: a repository of unique short open reading frames identified by both experimental and computational approaches for gene and metagene analyses. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	19
93	Bottomâ€up and topâ€down proteomic approaches for the identification, characterization, and quantification of the low molecular weight proteome with focus on short open reading frameâ€encoded peptides. Proteomics, 2021, 21, e2100008.	1.3	32

#	Article	IF	Citations
94	Understanding small ORF diversity through a comprehensive transcription feature classification. DNA Research, 2021, 28, .	1.5	17
96	Aging: All roads lead to mitochondria. Seminars in Cell and Developmental Biology, 2021, 116, 160-168.	2.3	37
97	Pegasus, a small extracellular peptide enhancing short-range diffusion of Wingless. Nature Communications, 2021, 12, 5660.	5.8	5
99	A vast pool of lineage-specific microproteins encoded by long non-coding RNAs in plants. Nucleic Acids Research, 2021, 49, 10328-10346.	6.5	33
100	Discovery of a small protein-encoding cis-regulatory overlapping gene of the tumor suppressor gene Scribble in humans. Communications Biology, 2021, 4, 1098.	2.0	4
101	SmProt: A Reliable Repository with Comprehensive Annotation of Small Proteins Identified from Ribosome Profiling. Genomics, Proteomics and Bioinformatics, 2021, 19, 602-610.	3.0	28
102	RNA-Based Technologies for Engineering Plant Virus Resistance. Plants, 2021, 10, 82.	1.6	30
103	Thiamethoxam exposure deregulates short ORF gene expression in the honey bee and compromises immune response to bacteria. Scientific Reports, 2021, 11, 1489.	1.6	13
105	Large-Scale Discovery of Non-conventional Peptides in Maize and Arabidopsis through an Integrated Peptidogenomic Pipeline. Molecular Plant, 2020, 13, 1078-1093.	3.9	58
113	Translation of small downstream ORFs enhances translation of canonical main open reading frames. EMBO Journal, 2020, 39, e104763.	3.5	79
114	A Hidden Human Proteome Signature Characterizes the Epithelial Mesenchymal Transition Program. Current Pharmaceutical Design, 2020, 26, 372-375.	0.9	12
115	The mlpt/Ubr3/Svb module comprises an ancient developmental switch for embryonic patterning. ELife, 2019, 8, .	2.8	19
117	Genome-wide phenotypic RNAi screen in theDrosophilawing: global parameters. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	6
124	MicroRNA and long nonâ€“coding RNA in neuropathic pain. Pain Research, 2019, 34, 219-227.	0.1	1
128	Poorly Conserved P15 Proteins of Cileviruses Retain Elements of Common Ancestry and Putative Functionality: A Theoretical Assessment on the Evolution of Cilevirus Genomes. Frontiers in Plant Science, 2021, 12, 771983.	1.7	3
130	The stability of HIV-2 Vpx and Vpr proteins is regulated by the presence or absence of zinc-binding sites and poly-proline motifs with distinct roles. Journal of General Virology, 2020, 101, 997-1007.	1.3	0
135	Microproteins in skeletal muscle: hidden keys in muscle physiology. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 100-113.	2.9	9
136	Computers and preventative diagnosis. A survey with bioinformatics examples of mitochondrial small open reading frame peptides as portents of a new generation of powerful biomarkers. Computers in Biology and Medicine, 2022, 140, 105116.	3.9	4

#	Article	IF	Citations
137	Small Open Reading Frames, How to Find Them and Determine Their Function. Frontiers in Genetics, 2021, 12, 796060.	1.1	10
138	Genomic and functional conservation of lncRNAs: lessons from flies. Mammalian Genome, 2022, 33, 328-342.	1.0	18
140	Towards unveiling the nature of short SERPINA1 transcripts: Avoiding the main ORF control to translate alpha1-antitrypsin C-terminal peptides. International Journal of Biological Macromolecules, 2022, 203, 703-717.	3.6	1
141	ÂµProteInSâ€"a proteogenomics pipeline for finding novel bacterial microproteins encoded by small ORFs. Bioinformatics, 2022, 38, 2612-2614.	1.8	3
142	Small open reading frames in plant research: from prediction to functional characterization. 3 Biotech, 2022, 12, 76.	1.1	8
143	Systematic Identification of Microproteins during the Development of Drosophila melanogaster. Journal of Proteome Research, 2022, 21, 1114-1123.	1.8	4
144	Common and Rare 5â€²UTR Variants Altering Upstream Open Reading Frames in Cardiovascular Genomics. Frontiers in Cardiovascular Medicine, 2022, 9, 841032.	1.1	9
145	The Facts and Family Secrets of Plasmids That Replicate via the Rolling-Circle Mechanism. Microbiology and Molecular Biology Reviews, 2022, 86, e0022220.	2.9	10
146	Short open reading frames (sORFs) and microproteins: an update on their identification and validation measures. Journal of Biomedical Science, 2022, 29, 19.	2.6	21
147	Proteomicsâ€driven identification of short open reading frameâ€encoded peptides. Proteomics, 2022, 22, e2100312.	1.3	5
148	Peptidome: Chaos or Inevitability. International Journal of Molecular Sciences, 2021, 22, 13128.	1.8	7
149	Targeted Long-Read Sequencing Decodes the Transcriptional Atlas of the Founding RAS Gene Family Members. International Journal of Molecular Sciences, 2021, 22, 13298.	1.8	2
150	The Small Open Reading Frameâ€Encoded Peptides: Advances in Methodologies and Functional Studies. ChemBioChem, 2022, 23, .	1.3	4
165	Cancer-related micropeptides encoded by ncRNAs: Promising drug targets and prognostic biomarkers. Cancer Letters, 2022, 547, 215723.	3.2	17
166	TRPC5OS induces tumorigenesis by increasing ENO1-mediated glucose uptake in breast cancer. Translational Oncology, 2022, 22, 101447.	1.7	3
167	<i>TP53BP1</i>, a New Dual-Coding Gene, Uses Promoter Switching and Translational Reinitiation to Express a smORF Protein that Interacts With the Proteasome. SSRN Electronic Journal, 0, , .	0.4	0
168	Mass spectrometry in the discovery of peptides involved in intercellular communication: From targeted to untargeted peptidomics approaches. Mass Spectrometry Reviews, 2023, 42, 2404-2425.	2.8	8
169	LINC01013 Is a Determinant of Fibroblast Activation and Encodes a Novel Fibroblast-Activating Micropeptide. Journal of Cardiovascular Translational Research, 2023, 16, 77-85.	1.1	7

#	Article	IF	Citations
170	Novel insights into noncanonical open reading frames in cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2022, 1877, 188755.	3.3	6
171	A high-resolution map of human RNA translation. Molecular Cell, 2022, 82, 2885-2899.e8.	4.5	37
172	Genome-wide regulation of KSHV RNA splicing by viral RNA-binding protein ORF57. PLoS Pathogens, 2022, 18, e1010311.	2.1	5
173	Identification of Microproteins in Saccharomyces cerevisiae under Different Stress Conditions. Journal of Proteome Research, 0, , .	1.8	2
175	Mapping subcellular localizations of unannotated microproteins and alternative proteins with MicroID. Molecular Cell, 2022, 82, 2900-2911.e7.	4.5	23
176	Identification and analysis of smORFs in Chlamydomonas reinhardtii. Genomics, 2022, 114, 110444.	1.3	3
177	Short open reading frame genes in innate immunity: from discovery to characterization. Trends in Immunology, 2022, 43, 741-756.	2.9	9
178	csORF-finder: an effective ensemble learning framework for accurate identification of multi-species coding short open reading frames. Briefings in Bioinformatics, 2022, 23, .	3.2	9
179	Mitochondrial peptide Mtln contributes to oxidative metabolism in mice. Biochimie, 2023, 204, 136-139.	1.3	9
180	Uncovering Pseudogenes and Intergenic Protein-coding Sequences in TriTrypsâ€™ Genomes. Genome Biology and Evolution, 2022, 14, .	1.1	2
181	Pervasive translation of small open reading frames in plant long non-coding RNAs. Frontiers in Plant Science, 0, 13, .	1.7	4
182	Translation and natural selection of micropeptides from long non-canonical RNAs. Nature Communications, 2022, 13, .	5.8	20
183	A Whole New Comprehension about ncRNA-Encoded Peptides/Proteins in Cancers. Cancers, 2022, 14, 5196.	1.7	1
184	Casting CRISPR-Cas13d to fish for microprotein functions in animal development. IScience, 2022, 25, 105547.	1.9	3
185	The sORF-Encoded Peptides, ATP Synthase Subunits, Facilitate WSSV Duplication in Shrimp. Viruses, 2022, 14, 2449.	1.5	2
186	Two neuronal peptides encoded from a single transcript regulate mitochondrial complex III in Drosophila. ELife, 0, 11, .	2.8	6
187	A genomic approach to analyze the cold adaptation of yeasts isolated from Italian Alps. Frontiers in Microbiology, 0, 13, .	1.5	0
188	Peptidomics as a tool to analyze endogenous peptides in milk and milk-related peptides. Food Bioscience, 2022, 50, 102199.	2.0	6

#	Article	IF	Citations
189	The alternative proteome in neurobiology. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	3
190	Prophage-encoded small protein YqaH counteracts the activities of the replication initiator DnaA in Bacillus subtilis. Microbiology (United Kingdom), 2022, 168, .	0.7	0
191	A large-scale benchmark study of tools for the classification of protein-coding and non-coding RNAs. Nucleic Acids Research, 2022, 50, 12094-12111.	6.5	2
192	De novo birth of functional microproteins in the human lineage. Cell Reports, 2022, 41, 111808.	2.9	31
193	Discovering misannotated lncRNAs using deep learning training dynamics. Bioinformatics, 2023, 39, .	1.8	3
194	Systematic identification of smORFs in domestic silkworm (Bombyx mori). PeerJ, 0, 11, e14682.	0.9	0
195	De novo gene increases brain size. Nature Ecology and Evolution, 0, , .	3.4	3
196	The Essentials on microRNA-Encoded Peptides from Plants to Animals. Biomolecules, 2023, 13, 206.	1.8	5
197	Making sense of mRNA translational â€œnoiseâ€• Seminars in Cell and Developmental Biology, 2024, 154, 114-122.	2.3	0
200	ProsmORF-pred: a machine learning-based method for the identification of small ORFs in prokaryotic genomes. Briefings in Bioinformatics, 2023, 24, .	3.2	1
202	Purriato is a conserved small open reading frame gene that interacts with the CASA pathway to regulate muscle homeostasis and epithelial tissue growth in Drosophila. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	0
205	Identification of novel smORFs and microprotein acting in response to rehydration of Nostoc flagelliforme. Proteomics, 2023, 23, .	1.3	1
206	Mitoregulin Contributes to Creatine Shuttling and Cardiolipin Protection in Mice Muscle. International Journal of Molecular Sciences, 2023, 24, 7589.	1.8	2
218	Peptidomics Methods Applied to the Study of Flower Development. Methods in Molecular Biology, 2023, , 509-536.	0.4	0
219	Methods for Analysis of Interactome of Microproteins Encoded by Short Open Reading Frames. Russian Journal of Bioorganic Chemistry, 2023, 49, 717-730.	0.3	0
227	Principles, challenges, and advances in ribosome profiling: from bulk to low-input and single-cell analysis. , 2023, 1, .		1
241	A multi-granularity information-enhanced pre-training method for predicting the coding potential of sORFs in plant lncRNAs. , 2023, , .		0