Whole-genome sequencing of 128 camels across Asia rev domestic Bactrian camels

Communications Biology

3, 1

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Citation Report

#	Article	IF	CITATIONS
1	Competitiveness and individual characteristics: a double-blind placebo-controlled study using oxytocin. Scientific Reports, 2020, 10, 11526.	1.6	1
2	Genome-wide diversity and global migration patterns in dromedaries follow ancient caravan routes. Communications Biology, 2020, 3, 387.	2.0	9
3	Exploring the Relationship among Predictability, Prediction Accuracy and Data Frequency of Financial Time Series. Entropy, 2020, 22, 1381.	1.1	4
4	Information Transfer in Linear Multivariate Processes Assessed through Penalized Regression Techniques: Validation and Application to Physiological Networks. Entropy, 2020, 22, 732.	1.1	24
5	Caffeine Compromises Proliferation of Human Hippocampal Progenitor Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 806.	1.8	11
6	Deep learning can generate traditional retinal fundus photographs using ultra-widefield images via generative adversarial networks. Computer Methods and Programs in Biomedicine, 2020, 197, 105761.	2.6	20
7	Sandy Beach Macrofauna of Yucat \tilde{A}_i n State (Mexico) and Oil Industry Development in the Gulf of Mexico: First Approach for Detecting Environmental Impacts. Frontiers in Marine Science, 2020, 7, .	1.2	12
8	Localized nanotheranostics: recent developments in cancer nanomedicine. Materials Today Advances, 2020, 8, 100087.	2.5	21
9	Nucleotide diversity of functionally different groups of immune response genes in Old World camels based on newly annotated and reference-guided assemblies. BMC Genomics, 2020, 21, 606.	1.2	15
10	DNA Methylation Reorganization of Skeletal Muscle-Specific Genes in Response to Gestational Obesity. Frontiers in Physiology, 2020, 11, 938.	1.3	10
11	Zebrafish as a model to study autophagy and its role in skeletal development and disease. Histochemistry and Cell Biology, 2020, 154, 549-564.	0.8	15
12	High-Throughput Identification of Nuclear Envelope Protein Interactions in <i>Schizosaccharomyces pombe</i> Using an Arrayed Membrane Yeast-Two Hybrid Library. G3: Genes, Genomes, Genetics, 2020, 10, 4649-4663.	0.8	9
13	A partially self-regenerating synthetic cell. Nature Communications, 2020, 11, 6340.	5.8	40
14	Optimizing open data to support one health: best practices to ensure interoperability of genomic data from bacterial pathogens. One Health Outlook, 2020, 2, 20.	1.4	50
15	Human disease-associated single nucleotide polymorphism changes the orientation of DROSHA on pri-mir-146a. Rna, 2020, 26, 1777-1786.	1.6	12
16	Genome-Wide Identification and Evaluation of New Reference Genes in Pineapple (Ananas comosus L.) during Stamen and Ovule Development. Tropical Plant Biology, 2020, 13, 371-381.	1.0	4
17	Genomic signatures of domestication in Old World camels. Communications Biology, 2020, 3, 316.	2.0	32
18	Early pregnancy loss: the default outcome for fertilized human oocytes. Journal of Assisted Reproduction and Genetics, 2020, 37, 1057-1063.	1.2	7

#	ARTICLE	IF	CITATIONS
19	Haplotype-resolved genomes provide insights into structural variation and gene content in Angus and Brahman cattle. Nature Communications, 2020, 11, 2071.	5.8	84
20	Natural product <i>C</i> -glycosyltransferases – a scarcely characterised enzymatic activity with biotechnological potential. Natural Product Reports, 2021, 38, 432-443.	5. 2	39
21	A review of UMAP in population genetics. Journal of Human Genetics, 2021, 66, 85-91.	1.1	73
22	Experimentally-validated correlation analysis reveals new anaerobic methane oxidation partnerships with consortium-level heterogeneity in diazotrophy. ISME Journal, 2021, 15, 377-396.	4.4	31
23	Circulating miRNAs in bone health and disease. Bone, 2021, 145, 115787.	1.4	36
24	Time-series transcriptomics from cold, oxic subseafloor crustal fluids reveals a motile, mixotrophic microbial community. ISME Journal, 2021, 15, 1192-1206.	4.4	27
25	Leaf photosynthetic and anatomical insights into mechanisms of acclimation in rice in response to longâ€ŧerm fluctuating light. Plant, Cell and Environment, 2021, 44, 747-761.	2.8	14
26	Transition-based complexity-entropy causality diagram: A novel method to characterize complex systems. Communications in Nonlinear Science and Numerical Simulation, 2021, 95, 105660.	1.7	5
27	From ATOM to GradiATOM: Cortical gradients support time and space processing as revealed by a meta-analysis of neuroimaging studies. NeuroImage, 2021, 224, 117407.	2.1	29
28	Nitrogenâ€fixing trees have no net effect on forest growth in the coterminous United States. Journal of Ecology, 2021, 109, 877-887.	1.9	11
29	Emerging biogenesis technologies of extracellular vesicles for tissue regenerative therapeutics. Journal of Tissue Engineering, 2021, 12, 204173142110190.	2.3	19
30	Triggering biological processes: methods and applications of photocaged peptides and proteins. Chemical Society Reviews, 2021, 50, 10403-10421.	18.7	20
31	SUMO mediated regulation of transcription factors as a mechanism for transducing environmental cues into cellular signaling in plants. Cellular and Molecular Life Sciences, 2021, 78, 2641-2664.	2.4	21
33	A Multi-graph Deep Learning Model for Predicting Drug-Disease Associations. Lecture Notes in Computer Science, 2021, , 580-590.	1.0	8
34	Simulation of choroidal neovascularization in rabbits using indirect transpupillary laser coagulation. E3S Web of Conferences, 2021, 254, 09009.	0.2	0
37	Manipulating the interactions between the lipid bilayer and triblock Janus nanoparticles: insight from dissipative particle dynamics. Molecular Systems Design and Engineering, 2021, 6, 156-162.	1.7	1
38	Overview Article: Bioreactors Designed for 3D Bioprinted Tissue and Process Parameters., 2021,,.		0
39	Tapping Diversity From the Wild: From Sampling to Implementation. Frontiers in Plant Science, 2021, 12, 626565.	1.7	23

3

#	Article	IF	Citations
41	Steps in metastasis: an updated review. Medical Oncology, 2021, 38, 3.	1.2	141
42	Is Senescence-Associated \hat{I}^2 -Galactosidase a Reliable in vivo Marker of Cellular Senescence During Embryonic Development?. Frontiers in Cell and Developmental Biology, 2021, 9, 623175.	1.8	53
43	Natural and Historical Overview of the Animal Wildlife-Livestock Interface. Wildlife Research Monographs, 2021, , 33-89.	0.4	1
46	In the nose or on the tongue? Contrasting motivational effects of oral and intranasal oxytocin on arousal and reward during social processing. Translational Psychiatry, 2021, 11, 94.	2.4	20
51	Key Challenges of Microbial Degradation of Keratinous Wastes. Protein Journal, 2021, 40, 361-366.	0.7	3
54	Fruitless decommissions regulatory elements to implement cell-type-specific neuronal masculinization. PLoS Genetics, 2021, 17, e1009338.	1.5	18
56	Analysis of patchclamp recordings: model-free multiscale methods and software. European Biophysics Journal, 2021, 50, 187-209.	1.2	5
57	Application of CRISPR/Cas System in the Metabolic Engineering of Small Molecules. Molecular Biotechnology, 2021, 63, 459-476.	1.3	6
60	Positive allosteric modulators of lecithin: Cholesterol acyltransferase adjust the orientation of the membrane-binding domain and alter its spatial free energy profile. PLoS Computational Biology, 2021, 17, e1008426.	1.5	2
61	DeepUWF-plus: automatic fundus identification and diagnosis system based on ultrawide-field fundus imaging. Applied Intelligence, 2021, 51, 7533-7551.	3.3	5
64	Exploring the genomic resources of seven domestic Bactrian camel populations in China through restriction site-associated DNA sequencing. PLoS ONE, 2021, 16, e0250168.	1.1	3
67	Mitochondrial DNA variation and phylogeography of Old World camels. Animal Bioscience, 2021, 34, 525-532.	0.8	3
73	Structure, function and inhibition of critical protein–protein interactions involving mixed lineage leukemia 1 and its fusion oncoproteins. Journal of Hematology and Oncology, 2021, 14, 56.	6.9	32
78	On the way toward regulatable expression systems in acetic acid bacteria: target gene expression and use cases. Applied Microbiology and Biotechnology, 2021, 105, 3423-3456.	1.7	6
79	Tankyrases as modulators of pro-tumoral functions: molecular insights and therapeutic opportunities. Journal of Experimental and Clinical Cancer Research, 2021, 40, 144.	3.5	26
80	JuÃSara (Euterpe edulis Mart.) supplementation reduces body weight gain and protects mice from metabolic complications induced by high-fat diet. Nutrire, 2021, 46, .	0.3	3
83	Molecular strategies to increase keratinase production in heterologous expression systems for industrial applications. Applied Microbiology and Biotechnology, 2021, 105, 3955-3969.	1.7	19
84	Low-dimensional learned feature spaces quantify individual and group differences in vocal repertoires. ELife, 2021, 10, .	2.8	52

#	Article	IF	CITATIONS
86	The Road Less Traveled? Unconventional Protein Secretion at Parasite–Host Interfaces. Frontiers in Cell and Developmental Biology, 2021, 9, 662711.	1.8	26
87	Constitutive expression of Camelus bactrianus prochymosin B in Pichia pastoris. Heliyon, 2021, 7, e07137.	1.4	8
88	Inner hair cell stereocilia are embedded in the tectorial membrane. Nature Communications, 2021, 12, 2604.	5.8	24
89	Improving photosynthesis to increase grain yield potential: an analysis of maize hybrids released in different years in China. Photosynthesis Research, 2021, 150, 295-311.	1.6	27
90	Base editing repairs an SGCA mutation in human primary muscle stem cells. JCI Insight, 2021, 6, .	2.3	17
92	Recent Insights into the Structure and Function of Mycobacterial Membrane Proteins Facilitated by Cryo-EM. Journal of Membrane Biology, 2021, 254, 321-341.	1.0	6
93	Role of ACE2 polymorphism in COVID-19: impact of age. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1623-1627.	1.4	7
95	Methane oxidation in the waters of a humic-rich boreal lake stimulated by photosynthesis, nitrite, Fe(III) and humics. Biogeosciences, 2021, 18, 3087-3101.	1.3	20
96	Assessment of Cardiorespiratory Interactions during Apneic Events in Sleep via Fuzzy Kernel Measures of Information Dynamics. Entropy, 2021, 23, 698.	1.1	7
101	A structural deep network embedding model for predicting associations between miRNA and disease based on molecular association network. Scientific Reports, 2021, 11, 12640.	1.6	7
102	Lack of â^†5 Desaturase Activity Impairs EPA and DHA Synthesis in Fish Cells from Red Sea Bream and Japanese Flounder. Marine Biotechnology, 2021, 23, 472-481.	1.1	5
104	Nuclear compartmentalization of TERT mRNA and TUG1 IncRNA is driven by intron retention. Nature Communications, 2021, 12, 3308.	5.8	25
105	Molecular basis of heterosis and related breeding strategies reveal its importance in vegetable breeding. Horticulture Research, 2021, 8, 120.	2.9	43
106	Impairing flow-mediated endothelial remodeling reduces extravasation of tumor cells. Scientific Reports, 2021, 11, 13144.	1.6	12
109	An overview of some potential immunotherapeutic options against COVID-19. International Immunopharmacology, 2021, 95, 107516.	1.7	7
110	Experimental Resonances in Viscoelastic Microfluidics. Frontiers in Physics, 2021, 9, .	1.0	8
111	Photo-Triggered Nanomaterials for Cancer Theranostic Applications. Nano LIFE, 2021, 11, 2130004.	0.6	4
112	Compressed sensorimotor-to-transmodal hierarchical organization in schizophrenia. Psychological Medicine, 2023, 53, 771-784.	2.7	35

#	Article	IF	CITATIONS
115	Logistics Mechanisms Involved in Maintaining Energy Homeostasis in the Brain. The Brain & Neural Networks, 2021, 28, 87-92.	0.1	O
116	Comparative analysis of three studies measuring fluorescence from engineered bacterial genetic constructs. PLoS ONE, 2021, 16, e0252263.	1.1	11
118	CRISPR/Cas based gene editing: marking a new era in medical science. Molecular Biology Reports, 2021, 48, 4879-4895.	1.0	9
121	The role of rebound spikes in the maintenance of self-sustained neural spiking activity. Nonlinear Dynamics, 2021, 105, 767-784.	2.7	2
122	Jasmonate regulates the FAMA/mediator complex subunit 8-THIOGLUCOSIDE GLUCOHYDROLASE 1 cascade and myrosinase activity. Plant Physiology, 2021, 187, 963-980.	2.3	5
123	Microtubule associated protein WAVE DAMPENED2-LIKE (WDL) controls microtubule bundling and the stability of the site of tip-growth in Marchantia polymorpha rhizoids. PLoS Genetics, 2021, 17, e1009533.	1.5	9
126	Albumin roles in developing anticancer compounds. Medicinal Chemistry Research, 2021, 30, 1469-1495.	1.1	8
128	OCRbayes: A Bayesian hierarchical modeling framework for Seahorse extracellular flux oxygen consumption rate data analysis. PLoS ONE, 2021, 16, e0253926.	1.1	1
129	Novel KCNQ4 variants in different functional domains confer genotype- and mechanism-based therapeutics in patients with nonsyndromic hearing loss. Experimental and Molecular Medicine, 2021, 53, 1192-1204.	3.2	16
131	Microbes increase thermal sensitivity in the mosquito Aedes aegypti, with the potential to change disease distributions. PLoS Neglected Tropical Diseases, 2021, 15, e0009548.	1.3	16
132	Nanoengineered photoactive theranostic agents for cancer. Nanophotonics, 2021, 10, 2973-2997.	2.9	11
133	TIME-DELAY MULTISCALE MULTIFRACTAL DETRENDED PARTIAL CROSS-CORRELATION ANALYSIS OF HIGH-FREQUENCY STOCK SERIES. Fractals, 2021, 29, 2150141.	1.8	5
134	Meta-analysis on the effect of bacterial interventions on honey bee productivity and the treatment of infection. Apidologie, 2021, 52, 960-972.	0.9	4
135	The default mode network in cognition: a topographical perspective. Nature Reviews Neuroscience, 2021, 22, 503-513.	4.9	368
137	Nutrient limitations regulate soil greenhouse gas fluxes from tropical forests: evidence from an ecosystem-scale nutrient manipulation experiment in Uganda. Soil, 2021, 7, 433-451.	2.2	8
138	The effects of ionic strength and <scp>pH</scp> on antibacterial activity of hybrid biosurfactantâ€biopolymer nanoparticles. Journal of Applied Polymer Science, 2022, 139, 51437.	1.3	5
139	A novel representation of biological nitrogen fixation and competitive dynamics between nitrogen-fixing and non-fixing plants in a land model (GFDL LM4.1-BNF). Biogeosciences, 2021, 18, 4143-4183.	1.3	6
143	PhyliCS: a Python library to explore scCNA data and quantify spatial tumor heterogeneity. BMC Bioinformatics, 2021, 22, 360.	1.2	1

#	ARTICLE	IF	CITATIONS
148	SARS-CoV-2: Cross-scale Insights from Ecology and Evolution. Trends in Microbiology, 2021, 29, 593-605.	3.5	12
149	A 12 kb multi-allelic copy number variation encompassing a GC gene enhancer is associated with mastitis resistance in dairy cattle. PLoS Genetics, 2021, 17, e1009331.	1.5	25
150	Temporal landscape of mutational frequencies in SARS-CoV-2 genomes of Bangladesh: possible implications from the ongoing outbreak in Bangladesh. Virus Genes, 2021, 57, 413-425.	0.7	7
152	Vocal and Electric Fish: Revisiting a Comparison of Two Teleost Models in the Neuroethology of Social Behavior. Frontiers in Neural Circuits, 2021, 15, 713105.	1.4	5
153	Inhalation monoclonal antibody therapy: a new way to treat and manage respiratory infections. Applied Microbiology and Biotechnology, 2021, 105, 6315-6332.	1.7	49
154	Comparative genome analysis of Salmonella enterica serovar Gallinarum biovars Pullorum and Gallinarum decodes strain specific genes. PLoS ONE, 2021, 16, e0255612.	1.1	11
155	Tailoring the evolution of BL21(DE3) uncovers a key role for RNA stability in gene expression toxicity. Communications Biology, 2021, 4, 963.	2.0	15
156	The somatic molecular evolution of cancer: Mutation, selection, and epistasis. Progress in Biophysics and Molecular Biology, 2021, 165, 56-65.	1.4	11
157	Toward reproducible, scalable, and robust data analysis across multiplex tissue imaging platforms. Cell Reports Methods, 2021, 1, 100053.	1.4	22
158	A Canonical Scheme of Bottom-Up and Top-Down Information Flows in the Frontoparietal Network. Frontiers in Neural Circuits, 2021, 15, 691314.	1.4	7
162	Genome-wide association studies. Nature Reviews Methods Primers, 2021, 1, .	11.8	529
164	The current knowledge concerning solid cancer and therapy. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22900.	1.4	64
166	Reproduction number, discrete forecasting model, and chaos analytics for Coronavirus Disease 2019 outbreak in India, Bangladesh, and Myanmar. Biostatistics and Epidemiology, 0, , 1-17.	0.4	1
167	Diversity analysis of antagonistic microbes against bacterial leaf and fungal sheath blight diseases of rice. Egyptian Journal of Biological Pest Control, 2021, 31, .	0.8	9
169	Exploring Changes in the Host Gut Microbiota During a Controlled Human Infection Model for Campylobacter jejuni. Frontiers in Cellular and Infection Microbiology, 2021, 11, 702047.	1.8	6
171	A Reinterpretation of Evidence for the Endothelial Glycocalyx Filtration Structure. Frontiers in Cell and Developmental Biology, 2021, 9, 734661.	1.8	3
172	Selection on lines and families of camels within Kazakh breed type of the Turkmen dromedary. IOP Conference Series: Earth and Environmental Science, 2021, 848, 012074.	0.2	0
173	The swimming trace Undichna from the latest Devonian Hangenberg Sandstone equivalent of Morocco. Swiss Journal of Palaeontology, 2021, 140, 19.	0.7	3

#	Article	IF	Citations
174	Connecting different heart diseases through intercellular communication. Biology Open, 2021, 10, .	0.6	9
175	Designing libraries for pooled CRISPR functional screens of long noncoding RNAs. Mammalian Genome, 2022, 33, 312-327.	1.0	2
176	Machine Learning Predicts the Presence of 2,4,6-Trinitrotoluene in Sediments of a Baltic Sea Munitions Dumpsite Using Microbial Community Compositions. Frontiers in Microbiology, 2021, 12, 626048.	1.5	6
181	Replicating Cortical Signatures May Open the Possibility for "Transplanting―Brain States via Brain Entrainment. Frontiers in Human Neuroscience, 2021, 15, 710003.	1.0	2
183	CloneSig can jointly infer intra-tumor heterogeneity and mutational signature activity in bulk tumor sequencing data. Nature Communications, 2021, 12, 5352.	5.8	8
185	A simple permutationâ€based test of intermodal correspondence. Human Brain Mapping, 2021, 42, 5175-5187.	1.9	16
196	The effect of estuarine system on the meiofauna and nematodes in the East Siberian Sea. Scientific Reports, 2021, 11, 19306.	1.6	1
198	The method utilized to purify the SARS-CoV-2 N protein can affect its molecular properties. International Journal of Biological Macromolecules, 2021, 188, 391-403.	3.6	6
199	Resolvin D1, therapeutic target in acute respiratory distress syndrome. European Journal of Pharmacology, 2021, 911, 174527.	1.7	16
200	An 8.22 Mb Assembly and Annotation of the Alpaca (Vicugna pacos) Y Chromosome. Genes, 2021, 12, 105.	1.0	2
203	GECO: gene expression clustering optimization app for non-linear data visualization of patterns. BMC Bioinformatics, 2021, 22, 29.	1.2	4
205	Conversion of Agro-industrial Wastes for the Manufacture of Bio-based Plastics. , 2021, , 177-204.		3
206	Engineered Tools to Study Intercellular Communication. Advanced Science, 2021, 8, 2002825.	5.6	39
207	A Highly Efficient Biomolecular Network Representation Model for Predicting Drug-Disease Associations. Lecture Notes in Computer Science, 2020, , 271-279.	1.0	5
208	A MapReduce-Based Parallel Random Forest Approach for Predicting Large-Scale Protein-Protein Interactions. Lecture Notes in Computer Science, 2020, , 400-407.	1.0	2
209	Inferring Drug-miRNA Associations by Integrating Drug SMILES and MiRNA Sequence Information. Lecture Notes in Computer Science, 2020, , 279-289.	1.0	2
210	A Novel Computational Method for Predicting LncRNA-Disease Associations from Heterogeneous Information Network with SDNE Embedding Model. Lecture Notes in Computer Science, 2020, , 505-513.	1.0	4
238	When do Janzen–Connell effects matter? A phylogenetic metaâ€analysis of conspecific negative distance and density dependence experiments. Ecology Letters, 2021, 24, 608-620.	3.0	49

#	Article	IF	CITATIONS
239	Evolution of ecospace occupancy by Mesozoic marine tetrapods. Palaeontology, 2021, 64, 31-49.	1.0	20
240	An early female lethal system of the New World screwworm, Cochliomyia hominivorax, for biotechnology-enhanced SIT. BMC Genetics, 2020, 21, 143.	2.7	16
241	Nanophotonics for bacterial detection and antimicrobial susceptibility testing. Nanophotonics, 2020, 9, 4447-4472.	2.9	11
242	The fossil record of camelids demonstrates a late divergence between Bactrian camel and dromedary. Acta Palaeontologica Polonica, 0, 65, .	0.4	5
243	Camelid Single-Domain Antibodies for Targeting Cancer Nanotheranostics. Nanotechnology in the Life Sciences, 2021, , 93-123.	0.4	1
244	Aspects of Molecular Genetics in Dromedary Camel. Frontiers in Genetics, 2021, 12, 723181.	1.1	7
252	Development of Thalamocortical Structural Connectivity in Typically Developing and Psychosis Spectrum Youths. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 782-792.	1.1	8
255	Reprogramming of the epigenome in neurodevelopmental disorders. Critical Reviews in Biochemistry and Molecular Biology, 2022, 57, 73-112.	2.3	10
256	Warmer water increases early body growth of northern pike (<i>Esox lucius</i>), but mortality has larger impact on decreasing body sizes. Canadian Journal of Fisheries and Aquatic Sciences, 2022, 79, 771-781.	0.7	8
258	The Influence of Above-Ground Herbivory on the Response of Arctic Soil Methanotrophs to Increasing CH4 Concentrations and Temperatures. Microorganisms, 2021, 9, 2080.	1.6	4
259	Advances in the analysis of single extracellular vesicles: A critical review. Sensors and Actuators Reports, 2021, 3, 100052.	2.3	28
270	Data-Driven Detection and Classification of Regimes in Chaotic Systems Via Hidden Markov Modeling. ASME Letters in Dynamic Systems and Control, 2021, 1, .	0.4	2
273	Cep55 regulation of PI3K/Akt signaling is required for neocortical development and ciliogenesis. PLoS Genetics, 2021, 17, e1009334.	1.5	4
275	The neural mechanisms of manual dexterity. Nature Reviews Neuroscience, 2021, 22, 741-757.	4.9	7 3
278	Cholesterol glucosylation–based survival strategy in <i>Helicobacter pylori</i> . Helicobacter, 2021, 26, e12777.	1.6	8
283	A Cu(I) complex groove binder with a high affinity towards DNA denaturation. Journal of Molecular Liquids, 2022, 345, 117904.	2.3	7
284	Dual-stream Multiple Instance Learning Network for Whole Slide Image Classification with Self-supervised Contrastive Learning., 2021, 2021, 14318-14328.		216
286	Genetic differentiation of Indian dromedary and Bactrian camel populations based on mitochondrial ATP8 and ATP6 genes. Animal Biotechnology, 2023, 34, 756-760.	0.7	1

#	Article	IF	CITATIONS
289	Anteriorâ€posterior patterning of segments in <i>Anopheles stephensi</i> offers insights into the transition from sequential to simultaneous segmentation in holometabolous insects. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2023, 340, 116-130.	0.6	1
291	Computational modelling of nerve stimulation and recording with peripheral visceral neural interfaces. Journal of Neural Engineering, 2021, 18, 066020.	1.8	11
302	Introduction of NADH-dependent nitrate assimilation in Synechococcus sp. PCC 7002 improves photosynthetic production of 2-methyl-1-butanol and isobutanol. Metabolic Engineering, 2022, 69, 87-97.	3 . 6	14
303	Transfer learning compensates limited data, batch effects and technological heterogeneity in single-cell sequencing. NAR Genomics and Bioinformatics, 2021, 3, Iqab104.	1.5	8
305	Neuroprotective effects of some epigenetic modifying drugs' on Chlamydia pneumoniae-induced neuroinflammation: A novel model. PLoS ONE, 2021, 16, e0260633.	1.1	2
306	Genetic structure of Arabian Peninsula dromedary camels revealed three geographic groups. Saudi Journal of Biological Sciences, 2022, 29, 1422-1427.	1.8	7
307	Chronic nicotine increases midbrain dopamine neuron activity and biases individual strategies towards reduced exploration in mice. Nature Communications, 2021, 12, 6945.	5.8	17
309	Awakening sleeper cells: a narrative review on bacterial magic spot synthetases as potential drug targets to overcome persistence. Current Genetics, 2022, 68, 49-60.	0.8	3
310	Optogenetics in bacteria – applications and opportunities. FEMS Microbiology Reviews, 2022, 46, .	3.9	19
313	Object detection for automatic cancer cell counting in zebrafish xenografts. PLoS ONE, 2021, 16, e0260609.	1.1	8
314	Mitochondrial regulation and white adipose tissue homeostasis. Trends in Cell Biology, 2022, 32, 351-364.	3.6	29
315	Genome-wide association study reveals a genomic region on 5AL for salinity tolerance in wheat. Theoretical and Applied Genetics, 2022, 135, 709-721.	1.8	10
316	Cross-feeding between intestinal pathobionts promotes their overgrowth during undernutrition. Nature Communications, 2021, 12, 6860.	5.8	17
320	Mutational signatures among young-onset testicular cancers. BMC Medical Genomics, 2021, 14, 280.	0.7	0
322	Folliculin impairs breast tumor growth by repressing TFE3-dependent induction of the Warburg effect and angiogenesis. Journal of Clinical Investigation, 2021, 131, .	3.9	15
324	Antibiotic treatment (Tetracycline) effect on bio-efficiency of the larvae honey bee (Apis mellifera) Tj ETQq1 1 0.	784314 rg 1.8	BT_/Overlock
325	Genome-wide analysis of mitochondrial DNA copy number reveals loci implicated in nucleotide metabolism, platelet activation, and megakaryocyte proliferation. Human Genetics, 2022, 141, 127-146.	1.8	30
326	Quantitative biophysical metrics for rapid evaluation of ovarian cancer metastatic potential. Molecular Biology of the Cell, 2022, 33, mbcE21080419.	0.9	4

#	Article	IF	CITATIONS
327	Impact of Heavy Metal Toxicity on the Gut Microbiota and Its Relationship with Metabolites andÂFuture Probiotics Strategy: a Review. Biological Trace Element Research, 2022, 200, 5328-5350.	1.9	35
328	Neuroimaging with light field microscopy: a mini review of imaging systems. European Physical Journal: Special Topics, 2022, 231, 749-761.	1.2	11
331	Comprehensive diffusion MRI dataset for in vivo human brain microstructure mapping using 300 mT/m gradients. Scientific Data, 2022, 9, 7.	2.4	16
332	Computerâ€extracted features of nuclear morphology in hematoxylin and eosin images distinguish <scp>s</scp> tage <scp>II</scp> and <scp>IV</scp> colon tumors. Journal of Pathology, 2022, 257, 17-28.	2.1	4
333	Unravelling Formaldehyde Metabolism in Bacteria: Road towards Synthetic Methylotrophy. Microorganisms, 2022, 10, 220.	1.6	13
334	Co-expression of cancer-testis antigens of MAGE-A6 and MAGE-A11 is associated with tumor aggressiveness in patients with bladder cancer. Scientific Reports, 2022, 12, 599.	1.6	7
336	Generating lineage-resolved, complete metagenome-assembled genomes from complex microbial communities. Nature Biotechnology, 2022, 40, 711-719.	9.4	99
337	Homogeneity of Arabian Peninsula dromedary camel populations with signals of geographic distinction based on whole genome sequence data. Scientific Reports, 2022, 12, 130.	1.6	5
338	An effective drug-disease associations prediction model based on graphic representation learning over multi-biomolecular network. BMC Bioinformatics, 2022, 23, 9.	1.2	9
339	Gene regulation network analyses of pistil development in papaya. BMC Genomics, 2022, 23, 8.	1.2	8
341	Quantifying and correcting slide-to-slide variation in multiplexed immunofluorescence images. Bioinformatics, 2022, 38, 1700-1707.	1.8	16
342	A new transgene mouse model using an extravesicular EGFP tag enables affinity isolation of cell-specific extracellular vesicles. Scientific Reports, 2022, 12, 496.	1.6	10
344	Structure of a bacterial Rhs effector exported by the type VI secretion system. PLoS Pathogens, 2022, 18, e1010182.	2.1	24
345	The role of methanotrophy in the microbial carbon metabolism of temperate lakes. Nature Communications, 2022, 13, 43.	5.8	9
346	Advances in Delivery Mechanisms of CRISPR Gene-Editing Reagents in Plants. Frontiers in Genome Editing, 2022, 4, 830178.	2.7	29
347	QTL mapping and genomic analyses of earliness and fruit ripening traits in a melon recombinant inbred lines population supported by <i>de novo </i> assembly of their parental genomes. Horticulture Research, 2022, 9, .	2.9	12
348	A chromosome-level genome assembly of an alpine plant <i>Crucihimalaya lasiocarpa</i> provides insights into high-altitude adaptation. DNA Research, 2022, 29, .	1.5	13
349	Cucurbitaceae genome evolution, gene function, and molecular breeding. Horticulture Research, 2022, 9, .	2.9	34

#	Article	IF	CITATIONS
350	Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment. Optics Letters, 2022, 47, 325.	1.7	4
352	Coral–microbe interactions: their importance to reef function and survival. Emerging Topics in Life Sciences, 2022, 6, 33-44.	1.1	4
354	Improvement of Soybean; A Way Forward Transition from Genetic Engineering to New Plant Breeding Technologies. Molecular Biotechnology, 2023, 65, 162-180.	1.3	24
356	Reconstruction of 100-year dynamics in Daphnia spawning activity revealed by sedimentary DNA. Scientific Reports, 2022, 12, 1741.	1.6	2
357	Vascular feature as a modulator of the aging brain. Cerebral Cortex, 2022, 32, 5609-5621.	1.6	3
358	A DNA and mitochondria dual-targeted photosensitizer for two-photon-excited bioimaging and photodynamic therapy. Biomaterials Science, 2022, 10, 1742-1751.	2.6	8
359	HSA-Binding Prodrugs-Based Nanoparticles Endowed with Chemo and Photo-Toxicity against Breast Cancer. Cancers, 2022, 14, 877.	1.7	7
361	Review of Microdevices for Hemozoin-Based Malaria Detection. Biosensors, 2022, 12, 110.	2.3	14
362	Insecticide resistance in Australian Spodoptera frugiperda (J.E. Smith) and development of testing procedures for resistance surveillance. PLoS ONE, 2022, 17, e0263677.	1.1	19
363	Aberrant expression of WNK lysine deficient protein kinase 1 is associated with poor prognosis of colon adenocarcinoma. Irish Journal of Medical Science, 2023, 192, 57-64.	0.8	2
364	Effect of Human Synovial Fluid From Osteoarthritis Patients and Healthy Individuals on Lymphatic Contractile Activity. Journal of Biomechanical Engineering, 2022, 144, .	0.6	4
367	Momordica balsamina: phytochemistry and pharmacological potential of a gifted species. Phytochemistry Reviews, 2022, 21, 617-646.	3.1	9
369	Perspectives in machine learning for wildlife conservation. Nature Communications, 2022, 13, 792.	5.8	176
370	Dynamic assembly of the mRNA m6A methyltransferase complex is regulated by METTL3 phase separation. PLoS Biology, 2022, 20, e3001535.	2.6	22
372	Mitochondrial DNA diversity divulges high levels of haplotype diversity and lack of genetic structure in the Indian camels. Gene, 2022, 820, 146279.	1.0	6
375	Comparative Analysis of Packages and Algorithms for the Analysis of Spatially Resolved Transcriptomics Data., 2022,, 165-186.		2
376	Chromosome splitting of Plasmodium berghei using the CRISPR/Cas9 system. PLoS ONE, 2022, 17, e0260176.	1,1	1
377	Immunoregulatory Intestinal Microbiota and COVID-19 in Patients with Type Two Diabetes: A Double-Edged Sword. Viruses, 2022, 14, 477.	1.5	18

#	Article	IF	CITATIONS
378	Amyloid- \hat{l}^2 42 stimulated hippocampal lactate release is coupled to glutamate uptake. Scientific Reports, 2022, 12, 2775.	1.6	4
380	Single and Multiple Stimuli-Responsive Polymer Particles for Controlled Drug Delivery. Pharmaceutics, 2022, 14, 421.	2.0	21
381	Potsdam Eye-Movement Corpus for Scene Memorization and Search With Color and Spatial-Frequency Filtering. Frontiers in Psychology, 2022, 13, 850482.	1.1	0
382	The Evolution of Pharmacological Activities Bouea macrophylla Griffith In Vivo and In Vitro Study: A Review. Pharmaceuticals, 2022, 15, 238.	1.7	5
385	<scp><i>MPZ</i></scp> gene variant site in Chinese patients with <scp>Charcot–Marie–Tooth</scp> disease. Molecular Genetics & Genomic Medicine, 2022, 10, e1890.	0.6	1
386	A High-Throughput Phenotypic Screen of the â€~Pandemic Response Box' Identifies a Quinoline Derivative with Significant Anthelmintic Activity. Pharmaceuticals, 2022, 15, 257.	1.7	14
387	Isolating and cryopreserving pig skin cells for single-cell RNA sequencing study. PLoS ONE, 2022, 17, e0263869.	1.1	6
390	Manipulation of Meiotic Recombination to Hasten Crop Improvement. Biology, 2022, 11, 369.	1.3	6
391	Detection of Bacterial \hat{l}_{\pm} -l-Fucosidases with an Ortho-Quinone Methide-Based Probe and Mapping of the Probe-Protein Adducts. Molecules, 2022, 27, 1615.	1.7	9
392	The era of Cas12 and Cas13 CRISPR-based disease diagnosis. Critical Reviews in Microbiology, 2022, 48, 714-729.	2.7	17
393	Statistical and machine learning methods for spatially resolved transcriptomics data analysis. Genome Biology, 2022, 23, 83.	3.8	66
395	Non-Linear Frequency Dependence of Neurovascular Coupling in the Cerebellar Cortex Implies Vasodilation–Vasoconstriction Competition. Cells, 2022, 11, 1047.	1.8	10
396	Performance analysis of deep neural networks through transfer learning in retinal detachment diagnosis using fundus images. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, 1.	0.8	9
397	Epistasis at the SARS-CoV-2 Receptor-Binding Domain Interface and the Propitiously Boring Implications for Vaccine Escape. MBio, 2022, 13, e0013522.	1.8	35
398	Biosynthesis of Rutin Trihydrate Loaded Silica Nanoparticles and Investigation of Its Antioxidant, Antidiabetic and Cytotoxic Potentials. Journal of Inorganic and Organometallic Polymers and Materials, 0 , 1 .	1.9	2
400	Simulated visual hallucinations in virtual reality enhance cognitive flexibility. Scientific Reports, 2022, 12, 4027.	1.6	18
401	Spatiotemporal variability in Swedish lake ecosystems. PLoS ONE, 2022, 17, e0265571.	1.1	2
402	ATP synthase FOF1 structure, function, and structure-based drug design. Cellular and Molecular Life Sciences, 2022, 79, 179.	2.4	13

#	Article	IF	CITATIONS
405	Link between stimulus otoacoustic emissions fine structure peaks and standing wave resonances in a cochlear model. Journal of the Acoustical Society of America, 2022, 151, 1875-1894.	0.5	2
407	Ischemia In Vivo Induces Cardiolipin Oxidation in Rat Kidney Mitochondria. Biology, 2022, 11, 541.	1.3	3
408	Isolation and identification of a feather degrading Bacillus tropicus strain Gxun-17 from marine environment and its enzyme characteristics. BMC Biotechnology, 2022, 22, 11.	1.7	11
410	Bone Cell Exosomes and Emerging Strategies in Bone Engineering. Biomedicines, 2022, 10, 767.	1.4	11
411	Nuclear-Mitochondrial Interactions. Biomolecules, 2022, 12, 427.	1.8	30
412	Cellular mechanism of action of 2-nitroimidazoles as hypoxia-selective therapeutic agents. Redox Biology, 2022, 52, 102300.	3.9	9
413	Overall structure of fully assembled cyanobacterial KaiABC circadian clock complex by an integrated experimental-computational approach. Communications Biology, 2022, 5, 184.	2.0	5
414	Single-Cell RNA Sequencing with Spatial Transcriptomics of Cancer Tissues. International Journal of Molecular Sciences, 2022, 23, 3042.	1.8	28
416	SmdA is a Novel Cell Morphology Determinant in Staphylococcus aureus. MBio, 2022, 13, e0340421.	1.8	6
417	Breaking Yield Ceiling in Wheat: Progress and Future Prospects. , 0, , .		10
418	The NSAID glafenine rescues class 2 CFTR mutants via cyclooxygenase 2 inhibition of the arachidonic acid pathway. Scientific Reports, 2022, 12, 4595.	1.6	6
419	Mice exhibit stochastic and efficient action switching during probabilistic decision making. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113961119.	3.3	15
421	Improvement of episodic memory retention by a memory reactivation intervention across the lifespan: from younger adults to amnesic patients. Translational Psychiatry, 2022, 12, 144.	2.4	2
422	Medical Surgical Video Recognition and Retrieval Based on Novel Unified Approximation. Journal of Medical Imaging and Health Informatics, 2021, 11, 2733-2746.	0.2	3
423	Metabolism of tissue macrophages in homeostasis and pathology. Cellular and Molecular Immunology, 2022, 19, 384-408.	4.8	117
424	Transcription bursting and epigenetic plasticity: an updated view., 2021, 1,.		1
427	Sleep as a random walk: a super-statistical analysis of EEG data across sleep stages. Communications Biology, 2021, 4, 1385.	2.0	12
428	Reproducing Brain Functions and Evaluating Its Structure for Creating the Brain. The Brain & Neural Networks, 2021, 28, 183-191.	0.1	0

#	Article	IF	CITATIONS
431	Laser-stimulated fluorescence reveals unseen details in fossils from the Upper Jurassic Solnhofen Limestones. Royal Society Open Science, 2021, 8, 211601.	1.1	4
433	InDeep: 3D fully convolutional neural networks to assist <i>in silico</i> drug design on protein–protein interactions. Bioinformatics, 2022, 38, 1261-1268.	1.8	12
436	Robust attitude control of the three-dimensional unknown chaotic satellite system. Transactions of the Institute of Measurement and Control, 2022, 44, 1484-1504.	1.1	1
437	Prediction of the Immune Phenotypes of Bladder Cancer Patients for Precision Oncology. IEEE Open Journal of Engineering in Medicine and Biology, 2022, 3, 47-57.	1.7	2
438	Comparative Analysis of the Polymorphism of the Casein Genes in Camels Bred in Kazakhstan. Diversity, 2022, 14, 285.	0.7	4
439	<i>In vitro</i> reconstitution of substrate S-acylation by the zDHHC family of protein acyltransferases. Open Biology, 2022, 12, 210390.	1.5	3
440	Hidden information on protein function in censuses of proteome foldedness. Nature Communications, 2022, 13, 1992.	5.8	7
441	Membrane marker selection for segmenting single cell spatial proteomics data. Nature Communications, 2022, 13, 1999.	5.8	11
442	From fixed-dried to wet-fixed to live– comparative super-resolution microscopy of liver sinusoidal endothelial cell fenestrations. Nanophotonics, 2022, .	2.9	3
443	Perseus plugin "Metis―for metabolic-pathway-centered quantitative multi-omics data analysis for static and time-series experimental designs. Cell Reports Methods, 2022, 2, 100198.	1.4	0
444	Integrated omics reveal novel functions and underlying mechanisms of the receptor kinase FERONIA in <i>Arabidopsis thaliana</i> . Plant Cell, 2022, 34, 2594-2614.	3.1	18
445	Complex bio rhythms. European Physical Journal: Special Topics, 2022, 231, 815-818.	1.2	3
448	Time-Frequency Representations of Brain Oscillations: Which One Is Better?. Frontiers in Neuroinformatics, 2022, 16, 871904.	1.3	6
449	The macrophage: a key player in the pathophysiology of peripheral neuropathies. Journal of Neuroinflammation, 2022, 19, 97.	3.1	28
450	Phytoene Synthase: The Key Rate-Limiting Enzyme of Carotenoid Biosynthesis in Plants. Frontiers in Plant Science, 2022, 13, 884720.	1.7	28
452	Exploiting recent trends for the synthesis and surface functionalization of mesoporous silica nanoparticles towards biomedical applications. International Journal of Pharmaceutics: X, 2022, 4, 100116.	1.2	17
453	Treatment of river water using modular gravity-driven ultrafiltration (GDU) for individual contingency water supply. Water Science and Technology: Water Supply, 0, , .	1.0	1
462	Biological methylation: redefining the link between genotype and phenotype. Animal Biotechnology, 2023, 34, 3174-3186.	0.7	1

#	Article	IF	Citations
463	Quantitative phenotyping and evaluation for lettuce leaves of multiple semantic components. Plant Methods, 2022, 18, 54.	1.9	9
464	Compressive behaviour of anisotropic mycelium-based composites. Scientific Reports, 2022, 12, 6846.	1.6	16
465	Post-translational Modifications of the p53 Protein and the Impact in Alzheimer's Disease: A Review of the Literature. Frontiers in Aging Neuroscience, 2022, 14, 835288.	1.7	11
466	Comparative Analysis of L-Fucose Utilization and Its Impact on Growth and Survival of Campylobacter Isolates. Frontiers in Microbiology, 2022, 13, 872207.	1.5	1
468	Root Transcriptional and Metabolic Dynamics Induced by the Plant Growth Promoting Rhizobacterium (PGPR) Bacillus subtilis Mbi600 on Cucumber Plants. Plants, 2022, 11, 1218.	1.6	17
469	DeepGaze III: Modeling free-viewing human scanpaths with deep learning. Journal of Vision, 2022, 22, 7.	0.1	20
470	Concurrent TMS-fMRI: Technical Challenges, Developments, and Overview of Previous Studies. Frontiers in Psychiatry, 2022, 13, 825205.	1.3	17
473	Evolution and dispersal of mitochondrial DNA haplogroup U5 in Northern Europe: insights from an unsupervised learning approach to phylogeography. BMC Genomics, 2022, 23, 354.	1.2	3
474	Globally elevated excitation–inhibition ratio in children with autism spectrum disorder and below-average intelligence. Molecular Autism, 2022, 13, 20.	2.6	20
475	mRNA Subtype of Cancer-Associated Fibroblasts Significantly Affects Key Characteristics of Head and Neck Cancer Cells. Cancers, 2022, 14, 2286.	1.7	4
476	SCSilicon: a tool for synthetic single-cell DNA sequencing data generation. BMC Genomics, 2022, 23, 359.	1.2	1
477	Non-destructive monitoring of 3D cell cultures: new technologies and applications. PeerJ, 2022, 10, e13338.	0.9	4
478	A framework for multiplex imaging optimization and reproducible analysis. Communications Biology, 2022, 5, 438.	2.0	17
479	Transdermal delivery for gene therapy. Drug Delivery and Translational Research, 2022, 12, 2613-2633.	3.0	10
480	Differential expression analysis of genes and long non-coding RNAs associated with KRAS mutation in colorectal cancer cells. Scientific Reports, 2022, 12, 7965.	1.6	8
482	On The Biophysical Complexity of Brain Dynamics: An Outlook. Dynamics, 2022, 2, 114-148.	0.5	5
483	Multipurpose monitoring system for edible insect breeding based on machine learning. Scientific Reports, 2022, 12, 7892.	1.6	6
485	High-resolution detection of quantitative trait loci for seven important yield-related traits in wheat (Triticum aestivum L.) using a high-density SLAF-seq genetic map. BMC Genomic Data, 2022, 23, 37.	0.7	6

#	Article	IF	CITATIONS
486	PTEN differentially regulates endocytosis, migration, and proliferation in the enteric protozoan parasite Entamoeba histolytica. PLoS Pathogens, 2022, 18, e1010147.	2.1	1
487	Reproducibility of the Standard Model of diffusion in white matter on clinical MRI systems. NeuroImage, 2022, 257, 119290.	2.1	15
488	Untargeted Metabolomic Approach to Determine the Regulatory Pathways on Salicylic Acid-Mediated Stress Response in Aphanamixis polystachya Seedlings. Molecules, 2022, 27, 2966.	1.7	0
489	Sleep and cardiac signal processing using improved multivariate partial compensated transfer entropy based on non-uniform embedding. Chaos, Solitons and Fractals, 2022, 159, 112061.	2.5	1
490	Serotonergic psychedelic drugs LSD and psilocybin reduce the hierarchical differentiation of unimodal and transmodal cortex. NeuroImage, 2022, 256, 119220.	2.1	39
491	Oxytocin, the panacea for long-COVID? a review. Hormone Molecular Biology and Clinical Investigation, 2022, .	0.3	4
492	Emergence and spread of ancestral <i>Yersinia pestis</i> in Late-Neolithic and Bronze-Age Eurasia, <i>ca</i> . 5,000 to 1,500 y B.P Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2204044119.	3.3	2
493	Hyperphosphorylated tau self-assembles into amorphous aggregates eliciting TLR4-dependent responses. Nature Communications, 2022, 13, 2692.	5.8	21
503	Surface-enhanced Raman spectroscopy enabled evaluation of bacterial inactivation. Water Research, 2022, 220, 118668.	5.3	16
508	Quorum Sensing in the Rhizosphere. Rhizosphere Biology, 2022, , 99-134.	0.4	1
509	CRISPR/Cas9 Genome Editing in the New World Screwworm and Australian Sheep Blowfly. Methods in Molecular Biology, 2022, , 173-201.	0.4	3
511	Identification of selection signatures in Iranian dromedary and Bactrian camels using whole genome sequencing data. Scientific Reports, 2022, 12, .	1.6	6
512	Evolution of sexual systems, sex chromosomes and sex-linked gene transcription in flatworms and roundworms. Nature Communications, 2022, 13 , .	5.8	6
516	Assessing the benthic quality status of three fine sand tropical beaches from the Andaman Islands through the application of marine biotic indices. Environmental Monitoring and Assessment, 2022, 194, .	1.3	3
517	Computational epigenetic landscape analysis reveals association of CACNA1G-AS1, F11-AS1, NNT-AS1, and MSC-AS1 lncRNAs in prostate cancer progression through aberrant methylation. Scientific Reports, 2022, 12, .	1.6	4
518	Sex differences in the mortality rate for coronavirus disease 2019 compared to other causes of death: an analysis of population-wide data from 63 countries. European Journal of Epidemiology, 2022, 37, 797-806.	2.5	8
519	What's in a name? Common name misuse potentially confounds the conservation of the wild camel <i>Camelus ferus</i> . Oryx, 0, , 1-5.	0.5	1
521	Recent developments in essentiality of trivalent chromium and toxicity of hexavalent chromium: Implications on human health and remediation strategies. Journal of Hazardous Materials Advances, 2022, 7, 100113.	1.2	36

#	ARTICLE	IF	CITATIONS
522	Roles of RNA silencing in viral and non-viral plant immunity and in the crosstalk between disease resistance systems. Nature Reviews Molecular Cell Biology, 2022, 23, 645-662.	16.1	83
523	Probing TDP-43 condensation using an in silico designed aptamer. Nature Communications, 2022, 13, .	5.8	16
524	Genome-wide meta-analysis of iron status biomarkers and the effect of iron on all-cause mortality in HUNT. Communications Biology, 2022, 5, .	2.0	11
527	Environment-mediated mutagenetic interference on genetic stabilization and circadian rhythm in plants. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	2
528	High peatland methane emissions following permafrost thaw: enhanced acetoclastic methanogenesis during early successional stages. Biogeosciences, 2022, 19, 3051-3071.	1.3	3
529	Development of mechanical soil stability in an initial homogeneous loam and sand planted with two maize (Zea mays L.) genotypes with contrasting root hair attributes under in-situ field conditions. Plant and Soil, 2022, 478, 143-162.	1.8	5
530	An analysis of proteogenomics and how and when transcriptome-informed reduction of protein databases can enhance eukaryotic proteomics. Genome Biology, 2022, 23, .	3.8	11
532	Dynamic networks of physiologic interactions of brain waves and rhythms in muscle activity. Human Movement Science, 2022, 84, 102971.	0.6	8
535	Mutualistic interplay between bacteriophages and bacteria in the human gut. Nature Reviews Microbiology, 2022, 20, 737-749.	13.6	47
536	Photosystem stoichiometry adjustment is a photoreceptor-mediated process in Arabidopsis. Scientific Reports, 2022, 12, .	1.6	4
537	Progress towards a targeted biorefinery of Chromochloris zofingiensis: a review. Biomass Conversion and Biorefinery, 0, , .	2.9	2
538	Niche partitioning between planktivorous fish in the pelagic Baltic Sea assessed by DNA metabarcoding, qPCR and microscopy. Scientific Reports, 2022, 12, .	1.6	3
539	A practical guide to scanning light-field microscopy with digital adaptive optics. Nature Protocols, 2022, 17, 1953-1979.	5.5	4
542	Dynamic and stationary brain connectivity during movie watching as revealed by functional MRI. Brain Structure and Function, 2022, 227, 2299-2312.	1.2	3
545	In-vivo data-driven parcellation of Heschl's gyrus using structural connectivity. Scientific Reports, 2022, 12, .	1.6	2
547	Microbial autotrophic biorefineries: Perspectives for biopolymer production. Polymer Journal, 2022, 54, 1139-1151.	1.3	8
548	Landscape of Global Gene Expression Reveals Distinctive Tissue Characteristics in Bactrian Camels (Camelus bactrianus). Agriculture (Switzerland), 2022, 12, 958.	1.4	0
549	Sleep patterns and psychosocial health of parents of preterm and full-born infants: a prospective, comparative, longitudinal feasibility study. BMC Pregnancy and Childbirth, 2022, 22, .	0.9	О

#	Article	IF	CITATIONS
551	Antenna movements as a function of odorants' biological value in honeybees (Apis mellifera L.). Scientific Reports, 2022, 12, .	1.6	6
552	Towards 3D basic theories of plant forms. Communications Biology, 2022, 5, .	2.0	3
553	Recent Advances in the Production, Analysis, and Application of Galacto-Oligosaccharides. Food Reviews International, 2023, 39, 5814-5843.	4.3	8
554	Sculpting Ruptureâ€Free Nuclear Shapes in Fibrous Environments. Advanced Science, 2022, 9, .	5.6	14
555	Impaired hippocampal neurogenesis in vitro is modulated by dietary-related endogenous factors and associated with depression in a longitudinal ageing cohort study. Molecular Psychiatry, 2022, 27, 3425-3440.	4.1	6
556	Root exudate composition reflects drought severity gradient in blue grama (Bouteloua gracilis). Scientific Reports, 2022, 12, .	1.6	16
557	Recent trends in bioartificial muscle engineering and their applications in cultured meat, biorobotic systems and biohybrid implants. Communications Biology, 2022, 5, .	2.0	12
558	Response mechanism of Vibrio parahaemolyticus at high pressure revealed by transcriptomic analysis. Applied Microbiology and Biotechnology, 2022, 106, 5615-5628.	1.7	3
560	Ecuaciones para estimar biomasa de candelilla (Euphorbia antisyphilitica Zucc) en Chihuahua, México. Revista Mexicana De Ciencias Forestales, 2022, 13, 173-200.	0.1	1
561	Structural network alterations in focal and generalized epilepsy assessed in a worldwide ENIGMA study follow axes of epilepsy risk gene expression. Nature Communications, 2022, 13, .	5.8	29
562	Protease-activated receptors in health and disease. Physiological Reviews, 2023, 103, 717-785.	13.1	21
570	The exquisitely preserved integument of Psittacosaurus and the scaly skin of ceratopsian dinosaurs. Communications Biology, 2022, 5, .	2.0	5
571	A common deletion at BAK1 reduces enhancer activity and confers risk of intracranial germ cell tumors. Nature Communications, 2022, 13, .	5.8	7
573	Integrated multi-omics reveals cellular and molecular interactions governing the invasive niche of basal cell carcinoma. Nature Communications, 2022, 13, .	5.8	19
574	Development of Rotaxanes as E-Field Sensitive Superstructures in Plasmonic Nano-Antennas. Organic Materials, 0, , .	1.0	1
575	Push–pull plants in wheat intercropping system to manage Spodoptera frugiperda. Journal of Pest Science, 2023, 96, 1579-1593.	1.9	4
577	Is the camel conquering the world?. Animal Frontiers, 2022, 12, 8-16.	0.8	11
578	Acute administration of ketone beta-hydroxybutyrate downregulates 7T proton magnetic resonance spectroscopy-derived levels of anterior and posterior cingulate GABA and glutamate in healthy adults. Neuropsychopharmacology, 2023, 48, 797-805.	2.8	10

#	Article	IF	CITATIONS
583	How do emerging long-read sequencing technologies function in transforming the plant pathology research landscape? Plant Molecular Biology, 2022, 110, 469-484.	2.0	6
587	Review of genetic diversity in Bactrian camel (<i>Camelus bactrianus</i>). Animal Frontiers, 2022, 12, 20-29.	0.8	7
590	Zika vector competence data reveals risks of outbreaks: the contribution of the European ZIKAlliance project. Nature Communications, 2022, 13 , .	5.8	8
595	Exploration of Streptococcus core genome to reveal druggable targets and novel therapeutics against S. pneumoniae. PLoS ONE, 2022, 17, e0272945.	1.1	3
596	Assessment of a combination of plasma anti-histone autoantibodies and PLA2/PE ratio as potential biomarkers to clinically predict autism spectrum disorders. Scientific Reports, 2022, 12, .	1.6	0
597	Extraterrestrial Life Signature Detection Microscopy: Search and Analysis of Cells and Organics on Mars and Other Solar System Bodies. Space Science Reviews, 2022, 218, .	3.7	2
600	Resistance to the isocitrate dehydrogenase 1 mutant inhibitor ivosidenib can be overcome by alternative dimer-interface binding inhibitors. Nature Communications, 2022, 13 , .	5.8	18
601	Changes in dynamic transitions between integrated and segregated states underlie visual hallucinations in Parkinson's disease. Communications Biology, 2022, 5, .	2.0	6
602	Structural and mutational analysis of MazE6-operator DNA complex provide insights into autoregulation of toxin-antitoxin systems. Communications Biology, 2022, 5, .	2.0	3
604	Chapter 5. Geometric Cues for Directing Cell Fate. Biomaterials Science Series, 2022, , 85-109.	0.1	0
605	Metabolomics: A Powerful Tool to Understand the Schizophrenia Biology. Advances in Experimental Medicine and Biology, 2022, , 105-119.	0.8	0
606	An Ensemble Feature Selection Framework for the Early Non-invasive Prediction of Parkinson's Disease from Imbalanced Microarray Data. Communications in Computer and Information Science, 2022, , 1-11.	0.4	0
607	Predicting Spatio-Temporal Human Brain Response Using fMRI. Lecture Notes in Computer Science, 2022, , 336-345.	1.0	0
608	Hybrid Convolutional, Recurrent andÂAttention-Based Architectures ofÂDeep Neural Networks forÂClassification ofÂHuman-Computer Interaction byÂElectroencephalography. Lecture Notes in Computer Science, 2022, , 453-468.	1.0	0
609	Sustained delivery of gemcitabine <i>via in situ</i> injectable mussel-inspired hydrogels for the local therapy of pancreatic cancer. Journal of Materials Chemistry B, 2022, 10, 6338-6350.	2.9	4
610	Invited Review: Automated seed identification with computer vision: challenges and opportunities. Seed Science and Technology, 2022, , .	0.6	4
611	Informing Coral Reef Conservation Through Metabolomic Approaches. Coral Reefs of the World, 2022, , 179-202.	0.3	2
612	The R2R3-MYB gene family in Cicer arietinum: genome-wide identification and expression analysis leads to functional characterization of proanthocyanidin biosynthesis regulators in the seed coat. Planta, 2022, 256, .	1.6	7

#	ARTICLE	IF	CITATIONS
613	CRISPR/Cas9 mediated knocking out of OPN gene enhances radiosensitivity in MDA-MB-231 breast cancer cell line. Journal of Cancer Research and Clinical Oncology, 2023, 149, 4117-4130.	1.2	2
614	Repair of Double-Stranded DNA Breaks Generated by CRISPR–Cas9 in Pseudomonas putida KT2440. Molecular Biology, 2022, 56, 842-853.	0.4	1
616	Fluorescence of Hoechst 33258 Complexes with Serum Albumin and DNA. Journal of Applied Spectroscopy, 2022, 89, 684-688.	0.3	1
617	A curated data resource of 214K metagenomes for characterization of the global antimicrobial resistome. PLoS Biology, 2022, 20, e3001792.	2.6	6
618	Agreement among rapid diagnostic tests, urine malaria tests, and microscopy in malaria diagnosis of adult patients in southwestern Nigeria. Journal of International Medical Research, 2022, 50, 030006052211227.	0.4	2
619	Imaging and spectral analysis of autofluorescence patterns in larval head structures of mosquito vectors. European Journal of Histochemistry, 2022, 66, .	0.6	2
621	Ctenophore Mnemiopsis leidyi A. Agassiz, 1865 Population and Its Impact on Zooplankton in Open Areas of the Black Sea in July–August 2017. Russian Journal of Biological Invasions, 2022, 13, 361-374.	0.2	2
623	Learning enhances encoding of time and temporal surprise in mouse primary sensory cortex. Nature Communications, 2022, 13, .	5.8	7
624	QuasAr Odyssey: the origin of fluorescence and its voltage sensitivity in microbial rhodopsins. Nature Communications, 2022, 13 , .	5.8	13
629	Organization of the parallel antennal-lobe tracts in the moth. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2022, 208, 707-721.	0.7	2
630	A Systematic Review on Biomarker Identification for Cancer Diagnosis and Prognosis in Multi-omics: From Computational Needs to Machine Learning and Deep Learning. Archives of Computational Methods in Engineering, 2023, 30, 917-949.	6.0	25
631	Leaf Curl Disease a Significant Constraint in the Production of Tomato: Impact, Challenges, and Management., 0, , .		0
635	TraB family proteins are components of ER-mitochondrial contact sites and regulate ER-mitochondrial interactions and mitophagy. Nature Communications, 2022, 13, .	5.8	18
637	An Open MRI Dataset For Multiscale Neuroscience. Scientific Data, 2022, 9, .	2.4	24
641	Sensory attenuation from action observation. Experimental Brain Research, 0, , .	0.7	1
642	The multiple functions of PrPC in physiological, cancer, and neurodegenerative contexts. Journal of Molecular Medicine, 2022, 100, 1405-1425.	1.7	5
644	The Mitochondrial Enzyme 17Î ² HSD10 Modulates Ischemic and Amyloid-Î ² -Induced Stress in Primary Mouse Astrocytes. ENeuro, 2022, 9, ENEURO.0040-22.2022.	0.9	3
645	Gene Pyramiding in Transgenic Plant Development: Approaches and Challenges. Journal of Plant Growth Regulation, 2023, 42, 6038-6056.	2.8	6

#	ARTICLE	IF	CITATIONS
646	Prostate cancer in omics era. Cancer Cell International, 2022, 22, .	1.8	1
647	Extreme conditions affect neuronal oscillations of cerebral cortices in humans in the China Space Station and on Earth. Communications Biology, 2022, 5, .	2.0	2
648	Metabolomics: Going Deeper, Going Broader, Going Further. Methods in Molecular Biology, 2023, , 155-178.	0.4	8
649	Local immune recognition of trophoblast in early human pregnancy: controversies and questions. Nature Reviews Immunology, 2023, 23, 222-235.	10.6	29
650	Endometrial stromal PRMT5 plays a crucial role in decidualization by regulating NF- \hat{l}° B signaling in endometriosis. Cell Death Discovery, 2022, 8, .	2.0	1
651	Environmental complexity is more important than mutation in driving the evolution of latent novel traits in E. coli. Nature Communications, 2022, 13, .	5.8	3
653	Assessing the mechanisms of brain plasticity by transcranial magnetic stimulation. Neuropsychopharmacology, 2023, 48, 191-208.	2.8	37
654	A framework for dissecting affinities of multidrug efflux transporter AcrB to fluoroquinolones. Communications Biology, 2022, 5, .	2.0	5
656	Theranostic Nanoparticles in Cancer Diagnosis and Treatment. , 2022, , 179-223.		1
657	Peripheral Arterial Atherogenesis. Contemporary Cardiology, 2022, , 1-48.	0.0	0
658	Artificial Intelligence in Keratoconus Diagnosis. , 2022, , 215-228.		1
660	Measurement of Protein and Nucleic Acid Diffusion Coefficients Within Biomolecular Condensates Using In-Droplet Fluorescence Correlation Spectroscopy. Methods in Molecular Biology, 2023, , 199-213.	0.4	0
662	Challenges to Ensure a Better Translation of Metabolic Engineering for Industrial Applications. Methods in Molecular Biology, 2023, , 1-20.	0.4	1
663	Opportunities and challenges with CRISPR-Cas mediated homologous recombination based precise editing in plants and animals. Plant Molecular Biology, 2023, 111, 1-20.	2.0	11
665	Translating Organoids into Artificial Kidneys. Current Transplantation Reports, 2022, 9, 276-286.	0.9	1
668	Connecting Biology With Biotechnology. Resonance - Journal of Science Education, 2022, 27, 1741-1759.	0.2	0
670	Rewiring of the protein–protein–metabolite interactome during the diauxic shift in yeast. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	3
673	The pediatric oncology exercise field speeds up to address important issues regarding chemotherapy-related cardiotoxicity. Frontiers in Pediatrics, 0, 10, .	0.9	2

#	Article	IF	CITATIONS
674	Global distribution of soil fauna functional groups and their estimated litter consumption across biomes. Scientific Reports, 2022, 12 , .	1.6	14
675	Contrasting life-history responses to climate variability in eastern and western North Pacific sardine populations. Nature Communications, 2022, 13, .	5.8	7
676	Microsatellite markers of the major histocompatibility complex genomic region of domestic camels. Frontiers in Genetics, $0,13,13$	1.1	0
677	Health Monitoring for Laboratory Salamanders. Methods in Molecular Biology, 2023, , 41-74.	0.4	0
678	Novel strategies for designing regenerative skin products for accelerated wound healing. 3 Biotech, 2022, 12, .	1.1	3
679	Benthic exometabolites and their ecological significance on threatened Caribbean coral reefs. ISME Communications, 2022, 2, .	1.7	10
683	Multiple tissue-specific epigenetic alterations regulate persistent gene expression changes following developmental DES exposure in mouse reproductive tissues. Epigenetics, 2023, 18, .	1.3	4
684	The C-terminal region of phytoene synthase is a key element to control carotenoid biosynthesis in the haloarchaeon <i>Haloferax volcanii</i> . Biochemical Journal, 2022, 479, 2365-2377.	1.7	1
685	Catalytic DxD motif caged in Asx-turn and Met–aromatic interaction attenuates the pathogenic glycosylation of SseK2/NleB2 effectors. Scientific Reports, 2022, 12, .	1.6	1
686	Neuroprotective effect of Bis(Indolyl)phenylmethane in Alzheimer's disease rat model through inhibition of hen Lysozyme amyloid fibril-induced neurotoxicity. Journal of the Iranian Chemical Society, 0, , .	1.2	0
688	Encapsulated salts in velvet worm slime drive its hardening. Scientific Reports, 2022, 12, .	1.6	0
689	Multi-omics HeCaToS dataset of repeated dose toxicity for cardiotoxic & mp; hepatotoxic compounds. Scientific Data, 2022, 9, .	2.4	1
691	Microfluidics-integrated spaceflight hardware for measuring muscle strength of Caenorhabditis elegans on the International Space Station. Npj Microgravity, 2022, 8, .	1.9	4
692	Deep autoencoder for interpretable tissue-adaptive deconvolution and cell-type-specific gene analysis. Nature Communications, 2022, 13, .	5.8	16
694	Chapter 12. Artificial Photosynthesis for Production of Solar Fuels and Chemicals. RSC Green Chemistry, 2022, , 254-284.	0.0	0
695	Distinguishing the nanoplastic–cell membrane interface by polymer type and aging properties: translocation, transformation and perturbation. Environmental Science: Nano, 2023, 10, 440-453.	2.2	14
696	Synthesis and degradation mechanism of renally excretable gold core–shell nanoparticles for combined photothermal and photodynamic therapy. Nanoscale, 2023, 15, 1273-1288.	2.8	5
697	Genome EditingÂand miRNA-Based Approaches in Cereals under Abiotic Stress. , 2022, , 647-673.		1

#	Article	IF	CITATIONS
698	Disruption of marine habitats by artificial light at night from global coastal megacities. Elementa, 2022, 10, .	1.1	2
700	The Paleoneurology of Ichthyopterygia and Sauropterygia: Diverse Endocranial Anatomies of Secondarily Aquatic Diapsids., 2023,, 29-77.		0
702	A cross-cohort replicable and heritable latent dimension linking behaviour to multi-featured brain structure. Communications Biology, 2022, 5, .	2.0	1
703	Euphorbia tirucalli latex loaded polymer nanoparticles: Synthesis, characterization, in vitro release and in vivo antinociceptive action. PLoS ONE, 2022, 17, e0274432.	1.1	0
705	Spatially resolved proteomics via tissue expansion. Nature Communications, 2022, 13, .	5.8	16
708	Organotypic stromal cells impact endothelial cell transcriptome in 3D microvessel networks. Scientific Reports, 2022, 12, .	1.6	7
710	Look twice: A generalist computational model predicts return fixations across tasks and species. PLoS Computational Biology, 2022, 18, e1010654.	1.5	7
712	Analysis of brain and spinal MRI measures in a common domain to investigate directional neurodegeneration in motor neuron disease. Journal of Neurology, 0, , .	1.8	1
715	Quantitative environmental DNA metabarcoding shows high potential as a novel approach to quantitatively assess fish community. Scientific Reports, 2022, 12, .	1.6	7
716	Natural sea salt in diet ameliorates better protection compared to table salt in the doxorubicin-induced cardiac remodeling. Journal of Taibah University for Science, 2022, 16, 1213-1224.	1.1	2
717	MicroRNA Profiling of Root Meristematic Zone in Contrasting Genotypes Reveals Novel Insight into in Rice Response to Water Deficiency. Journal of Plant Growth Regulation, 2023, 42, 3814-3834.	2.8	4
718	A comprehensive review on RNA interference-mediated targeting of interleukins and its potential therapeutic implications in colon cancer. 3 Biotech, 2023, 13, .	1.1	0
719	Accessory Chromosomes of the Fusarium oxysporum Species Complex and Their Contribution to Host Niche Adaptation., 2023,, 371-388.		2
720	Mycelial differentiation linked avermectin production in Streptomyces avermitilis studied with Raman imaging. Applied Microbiology and Biotechnology, 2023, 107, 369-378.	1.7	1
721	Alibertia patinoi (Cuatrec.) Delprete & amp; C.H.Perss. (Boroj \tilde{A}^3): food safety, phytochemicals, and aphrodisiac potential. SN Applied Sciences, 2023, 5, .	1.5	2
722	Identifying antibiotics based on structural differences in the conserved allostery from mitochondrial heme-copper oxidases. Nature Communications, 2022, 13, .	5.8	2
724	Structuralâ€"functional aberrations of erythrocytes in the northern red-backed vole (Clethrionomys) Tj ETQq0 0 0 BioMetals, 0, , .	rgBT /Ove	erlock 10 Tf 5 1
726	Immune Checkpoints and targeted agents in relapse and graft-versus-host disease after hematopoietic stem cell transplantation. Molecular Biology Reports, 0, , .	1.0	1

#	ARTICLE	IF	CITATIONS
727	Two types of fairy circles coexist in a vegetation–water model. Nonlinear Dynamics, 2023, 111, 7883-7898.	2.7	2
728	Monocyte distribution width as a pragmatic screen for SARS-CoV-2 or influenza infection. Scientific Reports, 2022, 12, .	1.6	4
729	Meiotic Bottlenecks Compromises Reproductive Success by Impairing Pollen Fertility and Seed Set in <i>Swertia thomsonii</i> C. B. Clarke—An Important Endemic Medicinal Herb of Western Himalaya. Cytologia, 2022, 87, 323-330.	0.2	2
730	Extending resolution within a single imaging frame. Nature Communications, 2022, 13, .	5.8	11
732	Antenna-enhanced mid-infrared detection of extracellular vesicles derived from human cancer cell cultures. Journal of Nanobiotechnology, 2022, 20, .	4.2	3
733	Metagenomic insights into antibiotic resistance-related changes in microbial communities, resistome and mobilome under a modified A2/O treatment process for hospital sewage. Journal of Environmental Chemical Engineering, 2022, , 109216.	3.3	1
734	Caenorhabditis Elegans Detection Using YOLOv5 andÂFaster R-CNN Networks. Communications in Computer and Information Science, 2022, , 776-787.	0.4	3
736	Primate Tourism. Developments in Primatology, 2023, , 183-201.	0.7	2
744	Parabrachial-to-parasubthalamic nucleus pathway mediates fear-induced suppression of feeding in male mice. Nature Communications, 2022, 13 , .	5.8	9
746	Long-term Consequences, Chances of Re-infection, and Outcomes among Cases Recovered with Severe COVID-19 at a Tertiary Care Centre in Central India. Indonesian Journal of Tropical and Infectious Disease, 2022, 10, 144-149.	0.1	0
747	Neurodynamical Computing at the Information Boundaries of Intelligent Systems. Cognitive Computation, $0, \dots$	3.6	1
749	Aedes albopictus host odor preference does not drive observed variation in feeding patterns across field populations. Scientific Reports, 2023, 13, .	1.6	1
751	Epigenetics of Abiotic Stress Tolerance in Legumes. , 2023, , 89-114.		0
752	NF-YAl drives EMT in Claudinlow tumours. Cell Death and Disease, 2023, 14, .	2.7	3
753	Spatial Transcriptomic Approaches for Understanding the Tumor Microenvironment (TME)., 2023,,.		0
755	The promise of probiotics in honeybee health and disease management. Archives of Microbiology, 2023, 205, .	1.0	5
756	Suspicions of two bridgehead invasions of Xylella fastidiosa subsp. multiplex in France. Communications Biology, 2023, 6, .	2.0	9
757	Identification of novel anti-ZIKV drugs from viral-infection temporal gene expression profiles. Emerging Microbes and Infections, 2023, 12, .	3.0	3

#	Article	IF	Citations
758	Cyanobacteria for Marine-Based Biomolecules. , 2023, , 189-209.		2
762	A new phase model of the spatiotemporal relationships between three circadian oscillators in the brainstem. Scientific Reports, 2023, 13 , .	1.6	1
764	Signatures of purifying selection and site-specific positive selection on the mitochondrial DNA of dromedary camels (Camelus dromedarius). Mitochondrion, 2023, 69, 36-42.	1.6	2
765	Toxicity of tributyltin to the European flat oyster Ostrea edulis: Metabolomic responses indicate impacts to energy metabolism, biochemical composition and reproductive maturation. PLoS ONE, 2023, 18, e0280777.	1.1	1
766	Low-stress livestock handling protects cattle in a five-predator habitat. PeerJ, 0, 11, e14788.	0.9	1
768	Reconstruction of the tumor spatial microenvironment along the malignant-boundary-nonmalignant axis. Nature Communications, 2023, 14 , .	5.8	18
769	Spatially associated or composite life traces from Holocene paleosols and dune sands provide evidence for past biotic interactions. Die Naturwissenschaften, 2023, 110 , .	0.6	0
771	Integrating multiple plant functional traits to predict ecosystem productivity. Communications Biology, 2023, 6, .	2.0	7
773	High prevalence of parasitic chytrids infection of glacier algae in cryoconite holes in Alaska. Scientific Reports, 2023, 13, .	1.6	5
774	Neural oscillatory characteristics of feedback-associated activity in globus pallidus interna. Scientific Reports, 2023, 13, .	1.6	0
775	Risk assessment of the antibiotic amoxicillin on non-toxin-producing strains and toxin-producing strains of Microcystis. Environmental Science and Pollution Research, 2023, 30, 56398-56409.	2.7	2
777	Granule Cells and Parallel Fibers. , 2023, , 149-153.		0
778	Marine ecosystem shifts with deglacial sea-ice loss inferred from ancient DNA shotgun sequencing. Nature Communications, 2023, 14 , .	5.8	11
781	Fluorescence-based super-resolution-microscopy strategies for chromatin studies. Chromosoma, 2023, 132, 191-209.	1.0	4
782	Nicotinic Acid Catabolism Modulates Bacterial Mycophagy in Burkholderia gladioli Strain NGJ1. Microbiology Spectrum, 2023, 11 , .	1.2	2
783	Functional Synthetic Biology. Synthetic Biology, 2023, 8, .	1.2	3
784	Fluorescence Spectroscopy for the Assessment of Microbial Load in UVC Treated Water. Journal of Fluorescence, 2023, 33, 2339-2347.	1.3	3
796	Advances in Therapeutic Targeting of the Tumor Necrosis Factor Receptor Superfamily Members for Cancer Immunotherapy. , 2023, , 1-73.		0

#	Article	IF	CITATIONS
801	Development of polymerase chain reaction for identification of phytopathogenic fungi Fusarium oxysporum. AIP Conference Proceedings, 2023, , .	0.3	0
809	Nonlinear effects basal to the best place manifest in the reticular lamina's response due to its low impedance relative to the basilar membrane. AIP Conference Proceedings, 2024, , .	0.3	0