

# Overview of Next-Generation Sequencing Technology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The integration of emerging omics approaches to advance precision medicine: How can regulatory science help?. Journal of Clinical and Translational Science, 2018, 2, 295-300.	0.6	7
2	The Mutational Landscape of Pancreatic and Liver Cancers, as Represented by Circulating Tumor DNA. Frontiers in Oncology, 2019, 9, 952.	2.8	6
3	High-throughput DNA sequencing technologies for water and wastewater analysis. Science Progress, 2019, 102, 351-376.	1.9	16
4	Current and Promising Approaches to Identify Horizontal Gene Transfer Events in Metagenomes. Genome Biology and Evolution, 2019, 11, 2750-2766.	2.5	70
5	Back to the Colorectal Cancer Consensus Molecular Subtype Future. Current Gastroenterology Reports, 2019, 21, 5.	2.5	50
6	Miniaturized and Automated Synthesis of Biomolecules—Overview and Perspectives. Advanced Materials, 2019, 31, 1806656.	21.0	15
7	Illumina and Nanopore methods for whole genome sequencing of hepatitis B virus (HBV). Scientific Reports, 2019, 9, 7081.	3.3	75
8	Normal serum ApoB48 and red cells vitamin E concentrations after supplementation in a novel compound heterozygous case of abetalipoproteinemia. Atherosclerosis, 2019, 284, 75-82.	0.8	10
9	Analysis of Transcriptome and Epitranscriptome in Plants Using PacBio Iso-Seq and Nanopore-Based Direct RNA Sequencing. Frontiers in Genetics, 2019, 10, 253.	2.3	127
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11	Rapid, Unbiased PRRSV Strain Detection Using MinION Direct RNA Sequencing and Bioinformatics Tools. Viruses, 2019, 11, 1132.	3.3	23
12	Age estimation in a long-lived seabird ( <i>Ardenna tenuirostris</i> ) using DNA methylation-based biomarkers. Molecular Ecology Resources, 2019, 19, 411-425.	4.8	44
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15	Next-Generation Sequencing: An Eye-Opener for the Surveillance of Antiviral Resistance in Influenza. Trends in Biotechnology, 2020, 38, 360-367.	9.3	37
16	Beyond bulk single-chain sequencing: Getting at the whole receptor. Current Opinion in Systems Biology, 2020, 24, 93-99.	2.6	10
17	Strategies and advancements in human microbiome description and the importance of culturomics. Microbial Pathogenesis, 2020, 149, 104460.	2.9	11
18	Outcome of Targeted Therapy Recommendations for Metastatic and Recurrent Head and Neck Cancers. Cancers, 2020, 12, 3381.	3.7	2

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19	Genetic counselling and testing for inherited dementia: single-centre evaluation of the consensus Italian DIAfN protocol. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 152.	6.2	7
20	Microbiomes for All. <i>Frontiers in Microbiology</i> , 2020, 11, 593472.	3.5	4
21	Identification of microRNAs and their targets in inflorescences of an Ogura-type cytoplasmic male-sterile line and its maintainer fertile line of turnip ( <i>Brassica rapa</i> ssp. <i>rapifera</i> ) via high-throughput sequencing and degradome analysis. <i>PLoS ONE</i> , 2020, 15, e0236829.	2.5	5
22	Digitalization in microbiology â€“ Paving the path to sustainable circular bioeconomy. <i>New Biotechnology</i> , 2020, 59, 88-96.	4.4	21
23	Advantages and Limitations of 16S rRNA Next-Generation Sequencing for Pathogen Identification in the Diagnostic Microbiology Laboratory: Perspectives from a Middle-Income Country. <i>Diagnostics</i> , 2020, 10, 816.	2.6	39
24	Advances in Genetic Characterization and Genotypeâ€“Phenotype Correlation of Duchenne and Becker Muscular Dystrophy in the Personalized Medicine Era. <i>Journal of Personalized Medicine</i> , 2020, 10, 111.	2.5	21
25	Metabarcoding From Microbes to Mammals: Comprehensive Bioassessment on a Global Scale. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	49
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29	A Streamlined Protocol for Wheat ( <i>Triticum aestivum</i> ) Protoplast Isolation and Transformation With CRISPR-Cas Ribonucleoprotein Complexes. <i>Frontiers in Plant Science</i> , 2020, 11, 769.	3.6	29
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58	Monitoring COVID-19 Transmission Risks by Quantitative Real-Time PCR Tracing of Droplets in Hospital and Living Environments. <i>MSphere</i> , 2021, 6, .	2.9	22
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