

# DNA sequencing at 40: past, present and future

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The future of DNA sequencing. <i>Nature</i> , 2017, 550, 179-181.	13.7	54
2	Topological Line Defects Around Graphene Nanopores for DNA Sequencing. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7094-7099.	1.5	24
3	Looking back and looking forward. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2018, 6, 3-8.	0.6	1
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6	The Personal Genome Project Canada: findings from whole genome sequences of the inaugural 56 participants. <i>Cmaj</i> , 2018, 190, E126-E136.	0.9	57
7	Combinatorial Probes for High-Throughput Electrochemical Analysis of Circulating Nucleic Acids in Clinical Samples. <i>Angewandte Chemie</i> , 2018, 130, 3773-3778.	1.6	14
8	Clinical pharmacogenetics: how do we ensure a favorable future for patients?. <i>Pharmacogenomics</i> , 2018, 19, 553-562.	0.6	5
9	Getting Momentum: From Biocatalysis to Advanced Synthetic Biology. <i>Trends in Biochemical Sciences</i> , 2018, 43, 180-198.	3.7	70
10	Personalised genome editing – The future for corneal dystrophies. <i>Progress in Retinal and Eye Research</i> , 2018, 65, 147-165.	7.3	31
11	Combinatorial Probes for High-Throughput Electrochemical Analysis of Circulating Nucleic Acids in Clinical Samples. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3711-3716.	7.2	59
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13	Analysis of DNA modifications in aging research. <i>GeroScience</i> , 2018, 40, 11-29.	2.1	39
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17	Using the SVM Method for Lung Adenocarcinoma Prognosis Based on Expression Level. , 2018, , .		0
18	History, Current State, and Emerging Applications of Industrial Biotechnology. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2018, 173, 13-51.	0.6	2

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20	Identification of four single-stranded DNA homopolymers with a solid-state nanopore in alkaline CsCl solution. <i>Nanoscale</i> , 2018, 10, 20844-20850.	2.8	25
21	Cancer Genome Sequencing by Next-Generation Sequencing Methods. <i>Seibutsu Butsuri</i> , 2018, 58, 149-151.	0.0	0
22	Precision in personalized prediction-based medicine. <i>Personalized Medicine</i> , 2018, 15, 467-470.	0.8	0
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26	The Site Frequency/Dosage Spectrum of Autopolyploid Populations. <i>Frontiers in Genetics</i> , 2018, 9, 480.	1.1	8
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35	DNA-based memory devices for recording cellular events. <i>Nature Reviews Genetics</i> , 2018, 19, 718-732.	7.7	107
36	The value of environmental DNA biobanking for long-term biomonitoring. <i>Nature Ecology and Evolution</i> , 2018, 2, 1192-1193.	3.4	78
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65	Toward Clinical Implementation of Next-Generation Sequencing-Based Genetic Testing in Rare Diseases: Where Are We?. Trends in Genetics, 2019, 35, 852-867.	2.9	65
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