

# Yael Michaeli

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

666  
citations

623734

14  
h-index

677142

22  
g-index

31  
all docs

31  
docs citations

31  
times ranked

768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Quantification of Epigenetic DNA Modifications and DNA Damage on Multi-Well Slides. Springer Protocols, 2022, , 31-44.	0.3	0
2	Long-Read Single-Molecule Optical Maps. , 2022, , 49-64.		0
3	Chemoenzymatic labeling of DNA methylation patterns for single-molecule epigenetic mapping. Nucleic Acids Research, 2022, 50, e92-e92.	14.5	16
4	Single-molecule optical genome mapping in nanochannels: multidisciplinary at the nanoscale. Essays in Biochemistry, 2021, 65, 51-66.	4.7	25
5	From single-molecule to genome-wide mapping of DNA lesions: repair-assisted damage detection sequencing. Biophysical Reports, 2021, 1, 100017.	1.2	2
6	5-Hydroxymethylcytosine as a clinical biomarker: Fluorescence-based assay for high-throughput epigenetic quantification in human tissues. International Journal of Cancer, 2020, 146, 115-122.	5.1	22
7	Label as you fold: methyltransferase-assisted functionalization of DNA nanostructures. Nanoscale, 2020, 12, 20287-20291.	5.6	9
8	Rapid Quantification of Oxidation and UV Induced DNA Damage by Repair Assisted Damage Detection-(Rapid RADD). Analytical Chemistry, 2020, 92, 9887-9894.	6.5	12
9	Global modulation in DNA epigenetics during pro-inflammatory macrophage activation. Epigenetics, 2019, 14, 1183-1193.	2.7	21
10	Simultaneous detection of multiple DNA damage types by multi-colour fluorescent labelling. Chemical Communications, 2019, 55, 11414-11417.	4.1	24
11	Long-read single-molecule maps of the functional methylome. Genome Research, 2019, 29, 646-656.	5.5	48
12	Analytical epigenetics: single-molecule optical detection of DNA and histone modifications. Current Opinion in Biotechnology, 2019, 55, 151-158.	6.6	19
13	Selective nanopore sequencing of human BRCA1 by Cas9-assisted targeting of chromosome segments (CATCH). Nucleic Acids Research, 2018, 46, e87-e87.	14.5	98
14	Epigenetic Optical Mapping of 5-Hydroxymethylcytosine in Nanochannel Arrays. ACS Nano, 2018, 12, 7148-7158.	14.6	46
15	Single-molecule quantification of 5-hydroxymethylcytosine for diagnosis of blood and colon cancers. Clinical Epigenetics, 2017, 9, 70.	4.1	50
16	Simple and cost-effective fluorescent labeling of 5-hydroxymethylcytosine. Methods and Applications in Fluorescence, 2016, 4, 044003.	2.3	8
17	Lighting Up Individual DNA Damage Sites by In Vitro Repair Synthesis. Journal of the American Chemical Society, 2014, 136, 7771-7776.	13.7	63
18	Spectroscopic Quantification of 5-Hydroxymethylcytosine in Genomic DNA. Analytical Chemistry, 2014, 86, 8231-8237.	6.5	32

#	ARTICLE	IF	CITATIONS
19	Optical detection of epigenetic marks: sensitive quantification and direct imaging of individual hydroxymethylcytosine bases. <i>Chemical Communications</i> , 2013, 49, 8599.	4.1	66
20	Channeling DNA for optical mapping. <i>Nature Biotechnology</i> , 2012, 30, 762-763.	17.5	26
21	Melanoma cells present high levels of HLA-A2 tyrosinase in association with instability and aberrant intracellular processing of tyrosinase. <i>European Journal of Immunology</i> , 2012, 42, 842-850.	2.9	7
22	Expression Hierarchy of T Cell Epitopes from Melanoma Differentiation Antigens: Unexpected High Level Presentation of Tyrosinase-HLA-A2 Complexes Revealed by Peptide-Specific, MHC-Restricted, TCR-Like Antibodies. <i>Journal of Immunology</i> , 2009, 182, 6328-6341.	0.8	47
23	Optimised Fc variants with enhanced effector function. <i>Expert Opinion on Therapeutic Patents</i> , 2006, 16, 1449-1452.	5.0	1
24	T-cell receptor-like antibodies: novel reagents for clinical cancer immunology and immunotherapy. <i>Expert Review of Anticancer Therapy</i> , 2005, 5, 523-536.	2.4	14