

# Assaf Grunwald

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11609315/publications.pdf>

Version: 2024-02-01

10  
papers

518  
citations

1163117

8  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-emitting self-assembled peptide nucleic acids exhibit both stacking interactions and Watson-Crick base pairing. <i>Nature Nanotechnology</i> , 2015, 10, 353-360.	31.5	136
2	Single-Molecule DNA Methylation Quantification Using Electro-optical Sensing in Solid-State Nanopores. <i>ACS Nano</i> , 2016, 10, 8861-8870.	14.6	72
3	Optical detection of epigenetic marks: sensitive quantification and direct imaging of individual hydroxymethylcytosine bases. <i>Chemical Communications</i> , 2013, 49, 8599.	4.1	66
4	Bacteriophage strain typing by rapid single molecule analysis. <i>Nucleic Acids Research</i> , 2015, 43, e117-e117.	14.5	61
5	Super-Resolution Genome Mapping in Silicon Nanochannels. <i>ACS Nano</i> , 2016, 10, 9823-9830.	14.6	49
6	Long-read single-molecule maps of the functional methylome. <i>Genome Research</i> , 2019, 29, 646-656.	5.5	48
7	Toward Single-Molecule Optical Mapping of the Epigenome. <i>ACS Nano</i> , 2014, 8, 14-26.	14.6	42
8	The Structure of Anthracycline Derivatives Determines Their Subcellular Localization and Cytotoxic Activity. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 323-328.	2.8	32
9	Microfluidic DNA combing for parallel single-molecule analysis. <i>Nanotechnology</i> , 2019, 30, 045101.	2.6	8
10	Long-Read Single-Molecule Optical Maps. , 2022, , 49-64.		0