

# Tamar Shahal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4297530/publications.pdf>

Version: 2024-02-01

11  
papers

304  
citations

1163117

8  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical detection of epigenetic marks: sensitive quantification and direct imaging of individual hydroxymethylcytosine bases. <i>Chemical Communications</i> , 2013, 49, 8599.	4.1	66
2	Single-molecule quantification of 5-hydroxymethylcytosine for diagnosis of blood and colon cancers. <i>Clinical Epigenetics</i> , 2017, 9, 70.	4.1	50
3	Epigenetic Optical Mapping of 5-Hydroxymethylcytosine in Nanochannel Arrays. <i>ACS Nano</i> , 2018, 12, 7148-7158.	14.6	46
4	Spectroscopic Quantification of 5-Hydroxymethylcytosine in Genomic DNA. <i>Analytical Chemistry</i> , 2014, 86, 8231-8237.	6.5	32
5	One-Pot Chemoenzymatic Cascade for Labeling of the Epigenetic Marker 5-Hydroxymethylcytosine. <i>ChemBioChem</i> , 2015, 16, 1857-1860.	2.6	32
6	Hypersensitive quantification of global 5-hydroxymethylcytosine by chemoenzymatic tagging. <i>Analytica Chimica Acta</i> , 2018, 1038, 87-96.	5.4	22
7	5-Hydroxymethylcytosine as a clinical biomarker: Fluorescence-based assay for high-throughput epigenetic quantification in human tissues. <i>International Journal of Cancer</i> , 2020, 146, 115-122.	5.1	22
8	Global modulation in DNA epigenetics during pro-inflammatory macrophage activation. <i>Epigenetics</i> , 2019, 14, 1183-1193.	2.7	21
9	Simple and cost-effective fluorescent labeling of 5-hydroxymethylcytosine. <i>Methods and Applications in Fluorescence</i> , 2016, 4, 044003.	2.3	8
10	Deconvolution of the epigenetic age discloses distinct inter-personal variability in epigenetic aging patterns. <i>Epigenetics and Chromatin</i> , 2022, 15, 9.	3.9	5
11	SUN-LB009 Epigenetic Changes in Response to Metabolic Modifiers in Late Life: Exercise, High Fat Diet, and Angiotensin1-7 Effects on Metabolic Health and DNA Methylation in Frail Old Mice. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0