

# Frank Diehl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10661329/publications.pdf>

Version: 2024-02-01

20  
papers

6,827  
citations

394421

19  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

9668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating mutant DNA to assess tumor dynamics. <i>Nature Medicine</i> , 2008, 14, 985-990.	30.7	2,207
2	Detection and quantification of mutations in the plasma of patients with colorectal tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16368-16373.	7.1	1,049
3	Comparative lesion sequencing provides insights into tumor evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4283-4288.	7.1	720
4	Development of Personalized Tumor Biomarkers Using Massively Parallel Sequencing. <i>Science Translational Medicine</i> , 2010, 2, 20ra14.	12.4	447
5	BEAMing: single-molecule PCR on microparticles in water-in-oil emulsions. <i>Nature Methods</i> , 2006, 3, 551-559.	19.0	435
6	Sensitive digital quantification of DNA methylation in clinical samples. <i>Nature Biotechnology</i> , 2009, 27, 858-863.	17.5	317
7	Detection of Tumor <i>PIK3CA</i> Status in Metastatic Breast Cancer Using Peripheral Blood. <i>Clinical Cancer Research</i> , 2012, 18, 3462-3469.	7.0	296
8	BEAMing up for detection and quantification of rare sequence variants. <i>Nature Methods</i> , 2006, 3, 95-97.	19.0	249
9	Identification of the Binding Site for a Novel Class of CCR2b Chemokine Receptor Antagonists. <i>Journal of Biological Chemistry</i> , 2000, 275, 25562-25571.	3.4	232
10	Analysis of Mutations in DNA Isolated From Plasma and Stool of Colorectal Cancer Patients. <i>Gastroenterology</i> , 2008, 135, 489-498.e7.	1.3	202
11	Performance of Streck cfDNA Blood Collection Tubes for Liquid Biopsy Testing. <i>PLoS ONE</i> , 2016, 11, e0166354.	2.5	150
12	Serial Assessment of Human Tumor Burdens in Mice by the Analysis of Circulating DNA. <i>Cancer Research</i> , 2007, 67, 9364-9370.	0.9	147
13	Identification of Surface Residues of the Monocyte Chemotactic Protein 1 That Affect Signaling through the Receptor CCR2. <i>Biochemistry</i> , 1999, 38, 16167-16177.	2.5	103
14	Actionable mutations in plasma cell-free DNA in patients with advanced cancers referred for experimental targeted therapies. <i>Oncotarget</i> , 2015, 6, 12809-12821.	1.8	86
15	Digital quantification of mutant DNA in cancer patients. <i>Current Opinion in Oncology</i> , 2007, 19, 36-42.	2.4	45
16	Human Papillomavirus Type 16 E6 Promotes Retinoblastoma Protein Phosphorylation and Cell Cycle Progression. <i>Journal of Virology</i> , 2004, 78, 13769-13778.	3.4	42
17	Detection of Tumor DNA at the Margins of Colorectal Cancer Liver Metastasis. <i>Clinical Cancer Research</i> , 2011, 17, 3551-3557.	7.0	42
18	Manufacturing DNA microarrays from unpurified PCR products. <i>Nucleic Acids Research</i> , 2002, 30, 79e-79.	14.5	33

#	ARTICLE	IF	CITATIONS
19	Multicolor in vitro translation. <i>Nature Biotechnology</i> , 2003, 21, 1093-1097.	17.5	24
20	High-throughput in vitro translation. <i>Discovery Medicine</i> , 2003, 3, 44-5.	0.5	0