

Mark Sausen

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

9,513
citations

346980

22
h-index

563245

28
g-index

29
all docs

29
docs citations

29
times ranked

17367
citing authors

#	ARTICLE	IF	CITATIONS
1	Homologous Recombination Deficiency: Concepts, Definitions, and Assays. <i>Oncologist</i> , 2022, 27, 167-174.	1.9	69
2	Automated next-generation profiling of genomic alterations in human cancers. <i>Nature Communications</i> , 2022, 13, .	5.8	8
3	Noninvasive Detection of Microsatellite Instability and High Tumor Mutation Burden in Cancer Patients Treated with PD-1 Blockade. <i>Clinical Cancer Research</i> , 2019, 25, 7024-7034.	3.2	104
4	A machine learning approach for somatic mutation discovery. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	80
5	Whole-Exome Sequencing of Salivary Gland Mucoepidermoid Carcinoma. <i>Clinical Cancer Research</i> , 2017, 23, 283-288.	3.2	70
6	Clinical study of genomic drivers in pancreatic ductal adenocarcinoma. <i>British Journal of Cancer</i> , 2017, 117, 572-582.	2.9	26
7	Direct detection of early-stage cancers using circulating tumor DNA. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	808
8	The Effect of Preservative and Temperature on the Analysis of Circulating Tumor DNA. <i>Clinical Cancer Research</i> , 2017, 23, 2471-2477.	3.2	154
9	Genomic and Immunological Tumor Profiling Identifies Targetable Pathways and Extensive CD8+/PDL1+ Immune Infiltration in Inflammatory Breast Cancer Tumors. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1746-1756.	1.9	45
10	Whole-Genome Sequencing of Salivary Gland Adenoid Cystic Carcinoma. <i>Cancer Prevention Research</i> , 2016, 9, 265-274.	0.7	80
11	Clinical implications of genomic alterations in the tumour and circulation of pancreatic cancer patients. <i>Nature Communications</i> , 2015, 6, 7686.	5.8	393
12	Detection of somatic mutations and HPV in the saliva and plasma of patients with head and neck squamous cell carcinomas. <i>Science Translational Medicine</i> , 2015, 7, 293ra104.	5.8	372
13	Personalized genomic analyses for cancer mutation discovery and interpretation. <i>Science Translational Medicine</i> , 2015, 7, 283ra53.	5.8	347
14	The genomic landscape of response to EGFR blockade in colorectal cancer. <i>Nature</i> , 2015, 526, 263-267.	13.7	398
15	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. <i>Science Translational Medicine</i> , 2014, 6, 224ra24.	5.8	3,665
16	Circulating tumor DNA analysis as a real-time method for monitoring tumor burden in melanoma patients undergoing treatment with immune checkpoint blockade. , 2014, 2, 42.		186
17	Circulating tumor DNA moves further into the spotlight. <i>Genome Medicine</i> , 2014, 6, 35.	3.6	23
18	Genomic analyses of gynaecologic carcinosarcomas reveal frequent mutations in chromatin remodelling genes. <i>Nature Communications</i> , 2014, 5, 5006.	5.8	149

#	ARTICLE	IF	CITATIONS
19	Somatic mutations of SUZ12 in malignant peripheral nerve sheath tumors. <i>Nature Genetics</i> , 2014, 46, 1170-1172.	9.4	247
20	Integrated genomic analyses identify ARID1A and ARID1B alterations in the childhood cancer neuroblastoma. <i>Nature Genetics</i> , 2013, 45, 12-17.	9.4	374
21	Exomic Sequencing of Medullary Thyroid Cancer Reveals Dominant and Mutually Exclusive Oncogenic Mutations in RET and RAS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E364-E369.	1.8	213
22	Amplification of the <i>MET</i> Receptor Drives Resistance to Anti-EGFR Therapies in Colorectal Cancer. <i>Cancer Discovery</i> , 2013, 3, 658-673.	7.7	585
23	Cancer detection using whole-genome sequencing of cell free DNA. <i>Oncotarget</i> , 2013, 4, 1119-1120.	0.8	11
24	Insights into therapeutic resistance from whole-genome analyses of circulating tumor DNA. <i>Oncotarget</i> , 2013, 4, 1856-1857.	0.8	39
25	Detection of Chromosomal Alterations in the Circulation of Cancer Patients with Whole-Genome Sequencing. <i>Science Translational Medicine</i> , 2012, 4, 162ra154.	5.8	557
26	Identification of a HMGA2-EFCAB6 gene rearrangement following next-generation sequencing in a patient with a t(12;22)(q14.3;q13.2) and JAK2V617F-positive myeloproliferative neoplasm. <i>Cancer Genetics</i> , 2012, 205, 295-303.	0.2	10
27	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. <i>Science</i> , 2011, 333, 1453-1455.	6.0	485
28	Chronic myeloid leukemia with e19a2 atypical transcript: early imatinib resistance and complete response to dasatinib. <i>Cancer Genetics and Cytogenetics</i> , 2010, 201, 133-134.	1.0	11
29	BRCA1 E1644X: a deleterious mutation in an African American individual with early onset breast cancer. <i>Breast Cancer Research and Treatment</i> , 2009, 113, 393-395.	1.1	4