Jochen B Geigl

List of Publications by Year
in descending order

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27 papers	3,645 citations	304743 22 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	6442 citing authors

#	Article	IF	Citations
1	Comparison of three commercial decision support platforms for matching of next-generation sequencing results with therapies in patients with cancer. ESMO Open, 2020, 5, e000872.	4.5	26
2	On-treatment measurements of circulating tumor DNA during FOLFOX therapy in patients with colorectal cancer. Npj Precision Oncology, 2020, 4, 30.	5.4	13
3	Cell-free DNA analysis reveals POLR1D-mediated resistance to bevacizumab in colorectal cancer. Genome Medicine, 2020, 12, 20.	8.2	25
4	Inference of transcription factor binding from cell-free DNA enables tumor subtype prediction and early detection. Nature Communications, 2019, 10, 4666.	12.8	146
5	Genomic alterations in plasma DNA from patients with metastasized prostate cancer receiving abiraterone or enzalutamide. International Journal of Cancer, 2018, 143, 1236-1248.	5.1	37
6	Patient monitoring through liquid biopsies using circulating tumor DNA. International Journal of Cancer, 2017, 141, 887-896.	5.1	46
7	A novel mutation in ATRX associated with intellectual disability, syndromic features, and osteosarcoma. Pediatric Blood and Cancer, 2017, 64, e26522.	1.5	18
8	The potential of liquid biopsies for the early detection of cancer. Npj Precision Oncology, 2017, 1, 36.	5.4	126
9	Inferring expressed genes by whole-genome sequencing of plasma DNA. Nature Genetics, 2016, 48, 1273-1278.	21.4	295
10	Whole-genome plasma sequencing reveals focal amplifications as a driving force in metastatic prostate cancer. Nature Communications, 2016, 7, 12008.	12.8	134
11	mFast-SeqS as a Monitoring and Pre-screening Tool for Tumor-Specific Aneuploidy in Plasma DNA. Advances in Experimental Medicine and Biology, 2016, 924, 147-155.	1.6	23
12	Acute myeloid leukemia with TP53 germ line mutations. Blood, 2016, 128, 2270-2272.	1.4	39
13	Nonâ€invasive detection of genomeâ€wide somatic copy number alterations by liquid biopsies. Molecular Oncology, 2016, 10, 494-502.	4.6	63
14	Exploring chromosomal abnormalities and genetic changes in uterine smooth muscle tumors. Modern Pathology, 2016, 29, 1262-1277.	5.5	39
15	Circulating Tumor DNA as a Liquid Biopsy for Cancer. Clinical Chemistry, 2015, 61, 112-123.	3.2	654
16	Germline variants in the SEMA4A gene predispose to familial colorectal cancer type X. Nature Communications, 2014, 5, 5191.	12.8	51
17	Changes in Colorectal Carcinoma Genomes under Anti-EGFR Therapy Identified by Whole-Genome Plasma DNA Sequencing. PLoS Genetics, 2014, 10, e1004271.	3.5	157
18	Hematogenous dissemination of glioblastoma multiforme. Science Translational Medicine, 2014, 6, 247ra101.	12.4	264

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19	The dynamic range of circulating tumor DNA in metastatic breast cancer. Breast Cancer Research, 2014, 16, 421.	5.0	113
20	Tumor-associated copy number changes in the circulation of patients with prostate cancer identified through whole-genome sequencing. Genome Medicine, 2013, 5, 30.	8.2	306
21	Circulating tumor cells and DNA as liquid biopsies. Genome Medicine, 2013, 5, 73.	8.2	116
22	Complex Tumor Genomes Inferred from Single Circulating Tumor Cells by Array-CGH and Next-Generation Sequencing. Cancer Research, 2013, 73, 2965-2975.	0.9	497
23	Multiplex genetic cancer testing identifies pathogenic mutations in TP53 and CDH1in a patient with bilateral breast and endometrial adenocarcinoma. BMC Medical Genetics, 2013, 14, 129.	2.1	17
24	Identification of small gains and losses in single cells after whole genome amplification on tiling oligo arrays. Nucleic Acids Research, 2009, 37, e105-e105.	14.5	65
25	Defining â€˜chromosomal instabilityâ€™. Trends in Genetics, 2008, 24, 64-69.	6.7	268
26	Single-cell isolation from cell suspensions and whole genome amplification from single cells to provide templates for CGH analysis. Nature Protocols, 2007, 2, 3173-3184.	12.0	60
27	Multiplex-fluorescence in situ hybridization for chromosome karyotyping. Nature Protocols, 2006, 1, 1172-1184.	12.0	42