

Jochen B Geigl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1993048/publications.pdf>

Version: 2024-02-01

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 | Circulating Tumor DNA as a Liquid Biopsy for Cancer. <i>Clinical Chemistry</i> , 2015, 61, 112-123. | 3.2 | 654 |
| 2 | Complex Tumor Genomes Inferred from Single Circulating Tumor Cells by Array-CGH and Next-Generation Sequencing. <i>Cancer Research</i> , 2013, 73, 2965-2975. | 0.9 | 497 |
| 3 | Tumor-associated copy number changes in the circulation of patients with prostate cancer identified through whole-genome sequencing. <i>Genome Medicine</i> , 2013, 5, 30. | 8.2 | 306 |
| 4 | Inferring expressed genes by whole-genome sequencing of plasma DNA. <i>Nature Genetics</i> , 2016, 48, 1273-1278. | 21.4 | 295 |
| 5 | Defining "chromosomal instability". <i>Trends in Genetics</i> , 2008, 24, 64-69. | 6.7 | 268 |
| 6 | Hematogenous dissemination of glioblastoma multiforme. <i>Science Translational Medicine</i> , 2014, 6, 247ra101. | 12.4 | 264 |
| 7 | Changes in Colorectal Carcinoma Genomes under Anti-EGFR Therapy Identified by Whole-Genome Plasma DNA Sequencing. <i>PLoS Genetics</i> , 2014, 10, e1004271. | 3.5 | 157 |
| 8 | Inference of transcription factor binding from cell-free DNA enables tumor subtype prediction and early detection. <i>Nature Communications</i> , 2019, 10, 4666. | 12.8 | 146 |
| 9 | Whole-genome plasma sequencing reveals focal amplifications as a driving force in metastatic prostate cancer. <i>Nature Communications</i> , 2016, 7, 12008. | 12.8 | 134 |
| 10 | The potential of liquid biopsies for the early detection of cancer. <i>Npj Precision Oncology</i> , 2017, 1, 36. | 5.4 | 126 |
| 11 | Circulating tumor cells and DNA as liquid biopsies. <i>Genome Medicine</i> , 2013, 5, 73. | 8.2 | 116 |
| 12 | The dynamic range of circulating tumor DNA in metastatic breast cancer. <i>Breast Cancer Research</i> , 2014, 16, 421. | 5.0 | 113 |
| 13 | Identification of small gains and losses in single cells after whole genome amplification on tiling oligo arrays. <i>Nucleic Acids Research</i> , 2009, 37, e105-e105. | 14.5 | 65 |
| 14 | Noninvasive detection of genome-wide somatic copy number alterations by liquid biopsies. <i>Molecular Oncology</i> , 2016, 10, 494-502. | 4.6 | 63 |
| 15 | Single-cell isolation from cell suspensions and whole genome amplification from single cells to provide templates for CGH analysis. <i>Nature Protocols</i> , 2007, 2, 3173-3184. | 12.0 | 60 |
| 16 | Germline variants in the SEMA4A gene predispose to familial colorectal cancer type X. <i>Nature Communications</i> , 2014, 5, 5191. | 12.8 | 51 |
| 17 | Patient monitoring through liquid biopsies using circulating tumor DNA. <i>International Journal of Cancer</i> , 2017, 141, 887-896. | 5.1 | 46 |
| 18 | Multiplex-fluorescence in situ hybridization for chromosome karyotyping. <i>Nature Protocols</i> , 2006, 1, 1172-1184. | 12.0 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Acute myeloid leukemia with TP53 germ line mutations. <i>Blood</i> , 2016, 128, 2270-2272. | 1.4 | 39 |
| 20 | Exploring chromosomal abnormalities and genetic changes in uterine smooth muscle tumors. <i>Modern Pathology</i> , 2016, 29, 1262-1277. | 5.5 | 39 |
| 21 | Genomic alterations in plasma DNA from patients with metastasized prostate cancer receiving abiraterone or enzalutamide. <i>International Journal of Cancer</i> , 2018, 143, 1236-1248. | 5.1 | 37 |
| 22 | Comparison of three commercial decision support platforms for matching of next-generation sequencing results with therapies in patients with cancer. <i>ESMO Open</i> , 2020, 5, e000872. | 4.5 | 26 |
| 23 | Cell-free DNA analysis reveals POLR1D-mediated resistance to bevacizumab in colorectal cancer. <i>Genome Medicine</i> , 2020, 12, 20. | 8.2 | 25 |
| 24 | mFast-SeqS as a Monitoring and Pre-screening Tool for Tumor-Specific Aneuploidy in Plasma DNA. <i>Advances in Experimental Medicine and Biology</i> , 2016, 924, 147-155. | 1.6 | 23 |
| 25 | A novel mutation in <i>ATRX</i> associated with intellectual disability, syndromic features, and osteosarcoma. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26522. | 1.5 | 18 |
| 26 | Multiplex genetic cancer testing identifies pathogenic mutations in TP53 and CDH1 in a patient with bilateral breast and endometrial adenocarcinoma. <i>BMC Medical Genetics</i> , 2013, 14, 129. | 2.1 | 17 |
| 27 | On-treatment measurements of circulating tumor DNA during FOLFOX therapy in patients with colorectal cancer. <i>Npj Precision Oncology</i> , 2020, 4, 30. | 5.4 | 13 |