

Marco Gerlinger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

9,718
citations

26
h-index

61
g-index

61
ext. papers

11,362
ext. citations

12.6
avg, IF

5.4
L-index

#	Paper	IF	Citations
52	Intratumor heterogeneity and branched evolution revealed by multiregion sequencing. <i>New England Journal of Medicine</i> , 2012 , 366, 883-892	59.2	5559
51	Genomic architecture and evolution of clear cell renal cell carcinomas defined by multiregion sequencing. <i>Nature Genetics</i> , 2014 , 46, 225-233	36.3	866
50	Spatial and temporal diversity in genomic instability processes defines lung cancer evolution. <i>Science</i> , 2014 , 346, 251-6	33.3	752
49	Intratumor heterogeneity: seeing the wood for the trees. <i>Science Translational Medicine</i> , 2012 , 4, 127ps107.5	10.5	375
48	How Darwinian models inform therapeutic failure initiated by clonal heterogeneity in cancer medicine. <i>British Journal of Cancer</i> , 2010 , 103, 1139-43	8.7	312
47	Classifying the evolutionary and ecological features of neoplasms. <i>Nature Reviews Cancer</i> , 2017 , 17, 605-619	51.9	208
46	Cancer Evolution and the Limits of Predictability in Precision Cancer Medicine. <i>Trends in Cancer</i> , 2016 , 2, 49-63	12.5	157
45	Cancer: evolution within a lifetime. <i>Annual Review of Genetics</i> , 2014 , 48, 215-36	14.5	146
44	Systematic evaluation of the prognostic impact and intratumour heterogeneity of clear cell renal cell carcinoma biomarkers. <i>European Urology</i> , 2014 , 66, 936-48	10.2	109
43	Assessment of an RNA interference screen-derived mitotic and ceramide pathway metagene as a predictor of response to neoadjuvant paclitaxel for primary triple-negative breast cancer: a retrospective analysis of five clinical trials. <i>Lancet Oncology</i> , 2010 , 11, 358-65	21.7	97
42	Genomic and Transcriptomic Determinants of Therapy Resistance and Immune Landscape Evolution during Anti-EGFR Treatment in Colorectal Cancer. <i>Cancer Cell</i> , 2019 , 36, 35-50.e9	24.3	94
41	Intratumour heterogeneity in urologic cancers: from molecular evidence to clinical implications. <i>European Urology</i> , 2015 , 67, 729-37	10.2	86
40	Ultra-deep T cell receptor sequencing reveals the complexity and intratumour heterogeneity of T cell clones in renal cell carcinomas. <i>Journal of Pathology</i> , 2013 , 231, 424-32	9.4	83
39	Genome-wide RNA interference analysis of renal carcinoma survival regulators identifies MCT4 as a Warburg effect metabolic target. <i>Journal of Pathology</i> , 2012 , 227, 146-56	9.4	79
38	Egr-1 induces the expression of its corepressor nab2 by activation of the nab2 promoter thereby establishing a negative feedback loop. <i>Journal of Biological Chemistry</i> , 2005 , 280, 42785-93	5.4	72
37	Parallel evolution of tumour subclones mimics diversity between tumours. <i>Journal of Pathology</i> , 2013 , 230, 356-64	9.4	70
36	Anti-cancer drug resistance: understanding the mechanisms through the use of integrative genomics and functional RNA interference. <i>European Journal of Cancer</i> , 2010 , 46, 2166-77	7.5	62

35	The effect of VEGF-targeted therapy on biomarker expression in sequential tissue from patients with metastatic clear cell renal cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 6924-34	12.9	54
34	Development of synchronous VHL syndrome tumors reveals contingencies and constraints to tumor evolution. <i>Genome Biology</i> , 2014 , 15, 433	18.3	53
33	Dissecting cancer evolution at the macro-heterogeneity and micro-heterogeneity scale. <i>Current Opinion in Genetics and Development</i> , 2015 , 30, 1-6	4.9	52
32	Immunopeptidomics of colorectal cancer organoids reveals a sparse HLA class I neoantigen landscape and no increase in neoantigens with interferon or MEK-inhibitor treatment 2019 , 7, 309		46
31	CEA expression heterogeneity and plasticity confer resistance to the CEA-targeting bispecific immunotherapy antibody cibisatamab (CEA-TCB) in patient-derived colorectal cancer organoids 2019 , 7, 101		41
30	The promise of circulating tumor cell analysis in cancer management. <i>Genome Biology</i> , 2014 , 15, 448	18.3	38
29	Predictive biomarker discovery through the parallel integration of clinical trial and functional genomics datasets. <i>Genome Medicine</i> , 2010 , 2, 53	14.4	36
28	Ultra-Sensitive Mutation Detection and Genome-Wide DNA Copy Number Reconstruction by Error-Corrected Circulating Tumor DNA Sequencing. <i>Clinical Chemistry</i> , 2018 , 64, 1626-1635	5.5	31
27	Circulating tumour DNA, a promising biomarker for the management of colorectal cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 122, 72-82	7	29
26	Spontaneous CD8 T cell responses against the melanocyte differentiation antigen RAB38/NY-MEL-1 in melanoma patients. <i>Journal of Immunology</i> , 2006 , 177, 8212-8	5.3	23
25	Defining the true impact of coronavirus disease 2019 in the at-risk population of patients with cancer. <i>European Journal of Cancer</i> , 2020 , 136, 99-106	7.5	23
24	Extreme intratumour heterogeneity and driver evolution in mismatch repair deficient gastro-oesophageal cancer. <i>Nature Communications</i> , 2020 , 11, 139	17.4	22
23	Heterogeneous response and progression patterns reveal phenotypic heterogeneity of tyrosine kinase inhibitor response in metastatic renal cell carcinoma. <i>BMC Medicine</i> , 2016 , 14, 185	11.4	21
22	Computational optimisation of targeted DNA sequencing for cancer detection. <i>Scientific Reports</i> , 2013 , 3, 3309	4.9	20
21	Identifying key questions in the ecology and evolution of cancer. <i>Evolutionary Applications</i> , 2021 , 14, 877-892	4.8	17
20	Elevated LDH predicts poor outcome of recurrent germ cell tumours treated with dose dense chemotherapy. <i>European Journal of Cancer</i> , 2010 , 46, 2913-8	7.5	13
19	Multiplexed single cell protein expression analysis in solid tumours using a miniaturised microfluidic assay. <i>Convergent Science Physical Oncology</i> , 2017 , 3, 024003		9
18	Detecting and Tracking Circulating Tumour DNA Copy Number Profiles during First Line Chemotherapy in Oesophagogastric Adenocarcinoma. <i>Cancers</i> , 2019 , 11,	6.6	9

17	Surveillance investigations after high-dose therapy with stem cell rescue for recurrent follicular lymphoma have no impact on management. <i>Haematologica</i> , 2010 , 95, 1130-5	6.6	8
16	Computational Image Analysis of T-Cell Infiltrates in Resectable Gastric Cancer: Association with Survival and Molecular Subtypes. <i>Journal of the National Cancer Institute</i> , 2021 , 113, 88-98	9.7	8
15	Targeted drugs ramp up cancer mutability. <i>Science</i> , 2019 , 366, 1452-1453	33.3	7
14	Cancer (r)evolution. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1051-1052	12.3	5
13	Prognostic and predictive markers in metastatic renal cell carcinoma. <i>Journal of Clinical Oncology</i> , 2013 , 31, 971-2	2.2	5
12	Efficacy and Cardiotoxic Safety Profile of Raltitrexed in Fluoropyrimidines-Pretreated or High-Risk Cardiac Patients With GI Malignancies: Large Single-Center Experience. <i>Clinical Colorectal Cancer</i> , 2019 , 18, 64-71.e1	3.8	5
11	Immunotherapy Sensitivity of Mismatch Repair-Deficient Cancer: Mutation Load Is Not Enough. <i>Cancer Cell</i> , 2021 , 39, 16-18	24.3	5
10	Metastasis Seeding Cells: Lone Invaders or Mass Migrators?. <i>Clinical Cancer Research</i> , 2018 , 24, 2032-2034.e2	4.9	3
9	Mutational signatures impact the evolution of anti-EGFR antibody resistance in colorectal cancer. <i>Nature Ecology and Evolution</i> , 2021 , 5, 1024-1032	12.3	2
8	Genetic Intratumor Heterogeneity 2015 , 571-593		1
7	Genomic and transcriptomic determinants of therapy resistance and immune landscape evolution during anti-EGFR treatment in colorectal cancer		1
6	Ultra-sensitive mutation detection and genome-wide DNA copy number reconstruction by error corrected circulating tumour DNA sequencing		1
5	Diagnostic Accuracy and Safety of Coaxial System in Oncology Patients Treated in a Specialist Cancer Center With Prospective Validation Within Clinical Trial Data. <i>Frontiers in Oncology</i> , 2020 , 10, 1634	5.3	1
4	Circulating Tumour DNA Sequencing Identifies a Genetic Resistance-Gap in Colorectal Cancers with Acquired Resistance to EGFR-Antibodies and Chemotherapy. <i>Cancers</i> , 2020 , 12,	6.6	1
3	Active Surveillance Strategies Have Neither Clinical or Survival Benefit Following High-Dose Chemotherapy and Progenitor Cell Rescue in Follicular Lymphoma.. <i>Blood</i> , 2008 , 112, 3251-3251	2.2	
2	Abstract PR012: Genetic and immune landscape evolution defines subtypes of MMR deficient colorectal cancer. <i>Cancer Research</i> , 2022 , 82, PR012-PR012	10.1	
1	Abstract A002: Genetic and immune landscape evolution defines subtypes of MMR deficient colorectal cancer. <i>Cancer Research</i> , 2022 , 82, A002-A002	10.1	