Mark J Rutherford

List of Publications by Year
in descending order

62	2,301	331670 21	233421 45
papers	citations	h-index	g-index

63	63	63	3511
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Progress in cancer survival, mortality, and incidence in seven high-income countries 1995â€“2014 (ICBP) Tj ETQq1 1 0.784314 rgBT /Ov	10.7	634
2	Personalized Detection of Circulating Tumor DNA Antedates Breast Cancer Metastatic Recurrence. Clinical Cancer Research, 2019, 25, 4255-4263.	7.0	281
3	Sex Differences in Treatments, Relative Survival, and Excess Mortality Following Acute Myocardial Infarction: National Cohort Study Using the SWEDEHEART Registry. Journal of the American Heart Association, 2017, 6, .	3.7	134
4	Plasma cell-free DNA (cfDNA) as a predictive and prognostic marker in patients with metastatic breast cancer. Breast Cancer Research, 2019, 21, 149.	5.0	89
5	The use of restricted cubic splines to approximate complex hazard functions in the analysis of time-to-event data: a simulation study. Journal of Statistical Computation and Simulation, 2015, 85, 777-793.	1.2	80
6	Colon and rectal cancer survival in seven high-income countries 2010â€“2014: variation by age and stage at diagnosis (the ICBP SURVMARK-2 project). Gut, 2021, 70, 114-126.	12.1	71
7	Ageâ€“periodâ€“cohort Modeling. The Stata Journal, 2010, 10, 606-627.	2.2	68
8	Comparison of methods for calculating relative survival in population-based studies. Cancer Epidemiology, 2012, 36, 16-21.	1.9	62
9	Comparison of different approaches to estimating age standardized net survival. BMC Medical Research Methodology, 2015, 15, 64.	3.1	57
10	How much of the deprivation gap in cancer survival can be explained by variation in stage at diagnosis: An example from breast cancer in the East of England. International Journal of Cancer, 2013, 133, 2192-2200.	5.1	48
11	Estimating the impact of a cancer diagnosis on life expectancy by socio-economic group for a range of cancer types in England. British Journal of Cancer, 2017, 117, 1419-1426.	6.4	41
12	Understanding the impact of socioeconomic differences in colorectal cancer survival: potential gain in life-years. British Journal of Cancer, 2019, 120, 1052-1058.	6.4	37
13	Minimum sample size calculations for external validation of a clinical prediction model with a timeâ€toâ€event outcome. Statistics in Medicine, 2022, 41, 1280-1295.	1.6	34
14	Robustness of individual and marginal model-based estimates: A sensitivity analysis of flexible parametric models. Cancer Epidemiology, 2019, 58, 17-24.	1.9	31
15	Statistics on mortality following acute myocardial infarction in 842â€‰897 Europeans. Cardiovascular Research, 2020, 116, 149-157.	3.8	31
16	Regional variations in German mesothelioma mortality rates: 2000â€“2010. Cancer Causes and Control, 2014, 25, 615-624.	1.8	30
17	Comparison of liver cancer incidence and survival by subtypes across seven highâ€income countries. International Journal of Cancer, 2021, 149, 2020-2031.	5.1	30
18	A Flexible Parametric Competing-risks Model Using a Direct Likelihood Approach for the Cause-specific Cumulative Incidence Function. The Stata Journal, 2017, 17, 462-489.	2.2	29

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19	International trends in oesophageal cancer survival by histological subtype between 1995 and 2014. Gut, 2021, 70, gutjnl-2020-321089.	12.1	29
20	Exploring variations in ovarian cancer survival by age and stage (ICBP SurvMark-2): A population-based study. Gynecologic Oncology, 2020, 157, 234-244.	1.4	27
21	Temporal recalibration for improving prognostic model development and risk predictions in settings where survival is improving over time. International Journal of Epidemiology, 2020, 49, 1316-1325.	1.9	26
22	Estimating net survival in populationâ€based cancer studies. International Journal of Cancer, 2013, 133, 519-521.	5.1	24
23	Understanding the impact of sex and stage differences on melanoma cancer patient survival: a SEER-based study. British Journal of Cancer, 2021, 124, 671-677.	6.4	23
24	International differences in lung cancer survival by sex, histological type and stage at diagnosis: an ICBP SURVMARK-2 Study. Thorax, 2022, 77, 378-390.	5.6	23
25	A comprehensive assessment of the impact of errors in the cancer registration process on 1- and 5-year relative survival estimates. British Journal of Cancer, 2013, 108, 691-698.	6.4	20
26	Immortal time bias for life-long conditions in retrospective observational studies using electronic health records. BMC Medical Research Methodology, 2022, 22, 86.	3.1	20
27	Capturing simple and complex time-dependent effects using flexible parametric survival models: A simulation study. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 3777-3793.	1.2	19
28	Understanding the impact of socioeconomic differences in breast cancer survival in England and Wales: Avoidable deaths and potential gain in expectation of life. Cancer Epidemiology, 2015, 39, 118-125.	1.9	18
29	Assessment of lead-time bias in estimates of relative survival for breast cancer. Cancer Epidemiology, 2017, 46, 50-56.	1.9	17
30	Illustration of different modelling assumptions for estimation of loss in expectation of life due to cancer. BMC Medical Research Methodology, 2019, 19, 145.	3.1	17
31	Direct likelihood inference on the causeâ€specific cumulative incidence function: A flexible parametric regression modelling approach. Statistics in Medicine, 2018, 37, 82-97.	1.6	16
32	Loss in life expectancy and gain in life years as measures of cancer impact. Cancer Epidemiology, 2019, 60, 168-173.	1.9	15
33	Projecting Cancer Incidence using Age-period-cohort Models Incorporating Restricted Cubic Splines. International Journal of Biostatistics, 2012, 8, 33.	0.7	14
34	Exploring the impact of cancer registry completeness on international cancer survival differences: a simulation study. British Journal of Cancer, 2021, 124, 1026-1032.	6.4	12
35	Mortality disparities and deprivation among people with intellectual disabilities in England: 2000â€“2019. Journal of Epidemiology and Community Health, 2022, 76, 168-174.	3.7	12
36	The impact of reclassifying cancers of unspecified histology on international differences in survival for small cell and nonâ€small cell lung cancer (<scp>ICBP SurvMark</scp>â€2 project). International Journal of Cancer, 2021, 149, 1013-1020.	5.1	11

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37	InterPreT cancer survival: A dynamic web interactive prediction cancer survival tool for health-care professionals and cancer epidemiologists. Cancer Epidemiology, 2018, 56, 46-52.	1.9	10
38	Potential gain in life years for Swedish women with breast cancer if stage and survival differences between education groups could be eliminated â€“ Three what-if scenarios. Breast, 2019, 45, 75-81.	2.2	10
39	Reference-adjusted and standardized all-cause and crude probabilities as an alternative to net survival in population-based cancer studies. International Journal of Epidemiology, 2020, 49, 1614-1623.	1.9	10
40	Marginal measures and causal effects using the relative survival framework. International Journal of Epidemiology, 2020, 49, 619-628.	1.9	10
41	Estimation of age-standardized net survival, even when age-specific data are sparse. Cancer Epidemiology, 2020, 67, 101745.	1.9	10
42	stpm2cr: A flexible parametric competing risks model using a direct likelihood approach for the cause-specific cumulative incidence function. The Stata Journal, 2017, 17, 462-489.	2.2	10
43	International variation in oesophageal and gastric cancer survival 2012â€“2014: differences by histological subtype and stage at diagnosis (an ICBP SURVMARK-2 population-based study). Gut, 2021, , gutjnl-2021-325266.	12.1	10
44	Impact on survival of modelling increased surgical resection rates in patients with non-small-cell lung cancer and cardiovascular comorbidities: a VICORI study. British Journal of Cancer, 2020, 123, 471-479.	6.4	9
45	Estimating restricted mean survival time and expected life-years lost in the presence of competing risks within flexible parametric survival models. BMC Medical Research Methodology, 2021, 21, 52.	3.1	9
46	The impact of excluding or including Death Certificate Initiated (DCI) cases on estimated cancer survival: A simulation study. Cancer Epidemiology, 2021, 71, 101881.	1.9	9
47	Conditional crude probabilities of death for English cancer patients. British Journal of Cancer, 2019, 121, 883-889.	6.4	8
48	Mortality, predictors and causes among people with intellectual disabilities: A systematic narrative review supplemented by machine learning. Journal of Intellectual and Developmental Disability, 2021, 46, 102-114.	1.6	8
49	Can different definitions of date of cancer incidence explain observed international variation in cancer survival? An ICBP SURVMARK-2 study. Cancer Epidemiology, 2020, 67, 101759.	1.9	7
50	Data Resource Profile: The Virtual Cardio-Oncology Research Initiative (VICORI) linking national English cancer registration and cardiovascular audits. International Journal of Epidemiology, 2021, , .	1.9	7
51	Understanding disparities in cancer prognosis: An extension of mediation analysis to the relative survival framework. Biometrical Journal, 2021, 63, 341-353.	1.0	7
52	Pancreatic cancer survival by stage and age in seven high-income countries (ICBP SURVMARK-2): a population-based study. British Journal of Cancer, 2022, 126, 1774-1782.	6.4	7
53	Generating high-fidelity synthetic time-to-event datasets to improve data transparency and accessibility. BMC Medical Research Methodology, 2022, 22, .	3.1	6
54	Case-ascertainment of acute myocardial infarction hospitalizations in cancer patients: a cohort study using English linked electronic health data. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 86-95.	4.0	5

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55	Reference-Adjusted Loss in Life Expectancy for Population-Based Cancer Patient Survival Comparisonsâ€"with an Application to Colon Cancer in Sweden. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 1720-1726.	2.5	4
56	A way to explore the existence of â€œimmortalsâ€•in cancer registry data â€“ An illustration using data from ICBP SURVMARK-2. Cancer Epidemiology, 2022, 76, 102085.	1.9	3
57	Five ways to improve international comparisons of cancer survival: lessons learned from ICBP SURVMARK-2. British Journal of Cancer, 2022, 126, 1224-1228.	6.4	3
58	Non-parametric estimation of reference adjusted, standardised probabilities of all-cause death and death due to cancer for population group comparisons. BMC Medical Research Methodology, 2022, 22, 2.	3.1	3
59	Care needed in interpretation of cancer survival measures. Lancet, The, 2015, 385, 1162-1163.	13.7	2
60	Health Needs and Their Relationship with Life Expectancy in People with and without Intellectual Disabilities in England. International Journal of Environmental Research and Public Health, 2022, 19, 6602.	2.6	2
61	Inverse probability weighting and doubly robust standardization in the relative survival framework. Statistics in Medicine, 2021, 40, 6069-6092.	1.6	1
62	Obtaining long-term stage-specific relative survival estimates in the presence of incomplete historical stage information. British Journal of Cancer, 0, , .	6.4	0