

Johannes Berkhof

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

4,858
citations

147566

31
h-index

98622

67
g-index

89
all docs

89
docs citations

89
times ranked

5392
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of HPV-based screening for prevention of invasive cervical cancer: follow-up of four European randomised controlled trials. <i>Lancet, The</i> , 2014, 383, 524-532.	6.3	1,282
2	Human papillomavirus testing for the detection of high-grade cervical intraepithelial neoplasia and cancer: final results of the POBASCAM randomised controlled trial. <i>Lancet Oncology, The</i> , 2012, 13, 78-88.	5.1	431
3	Loss of Muscle Mass During Chemotherapy Is Predictive for Poor Survival of Patients With Metastatic Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2016, 34, 1339-1344.	0.8	279
4	Subjective cognitive decline and rates of incident Alzheimer's disease and non-Alzheimer's disease dementia. <i>Alzheimer's and Dementia</i> , 2019, 15, 465-476.	0.4	232
5	Population-level impact, herd immunity, and elimination after human papillomavirus vaccination: a systematic review and meta-analysis of predictions from transmission-dynamic models. <i>Lancet Public Health, The</i> , 2016, 1, e8-e17.	4.7	210
6	Lichen Sclerosus: Incidence and Risk of Vulvar Squamous Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 1224-1230.	1.1	172
7	Performance of human papillomavirus testing on self-collected versus clinician-collected samples for the detection of cervical intraepithelial neoplasia of grade 2 or worse: a randomised, paired screen-positive, non-inferiority trial. <i>Lancet Oncology, The</i> , 2019, 20, 229-238.	5.1	129
8	The IARC Perspective on Cervical Cancer Screening. <i>New England Journal of Medicine</i> , 2021, 385, 1908-1918.	13.9	125
9	Methylation Analysis of the <i>FAM19A4</i> Gene in Cervical Scrapes Is Highly Efficient in Detecting Cervical Carcinomas and Advanced CIN2/3 Lesions. <i>Cancer Prevention Research</i> , 2014, 7, 1251-1257.	0.7	97
10	Biomarker-based prognosis for people with mild cognitive impairment (ABIDE): a modelling study. <i>Lancet Neurology, The</i> , 2019, 18, 1034-1044.	4.9	85
11	Validation of the <i>FAM19A4</i> / <i>mir124-2</i> DNA methylation test for both lavage- and brush-based self-samples to detect cervical (pre)cancer in HPV-positive women. <i>Gynecologic Oncology</i> , 2016, 141, 341-347.	0.6	80
12	Interpreting Biomarker Results in Individual Patients With Mild Cognitive Impairment in the Alzheimer's Biomarkers in Daily Practice (ABIDE) Project. <i>JAMA Neurology</i> , 2017, 74, 1481.	4.5	77
13	Cervical cancer risk in HPV-positive women after a negative <i>FAM19A4/mir124-2</i> methylation test: A post hoc analysis in the POBASCAM trial with 14 year follow-up. <i>International Journal of Cancer</i> , 2018, 143, 1541-1548.	2.3	63
14	Comparing the performance of <i>FAM19A4</i> methylation analysis, cytology and HPV16/18 genotyping for the detection of cervical (pre)cancer in high-risk HPV-positive women of a gynecologic outpatient population (COMETH study). <i>International Journal of Cancer</i> , 2016, 138, 992-1002.	2.3	60
15	Predictive Value of C-Reactive Protein for Major Complications after Major Abdominal Surgery: A Systematic Review and Pooled-Analysis. <i>PLoS ONE</i> , 2015, 10, e0132995.	1.1	59
16	Methylation markers <i>FAM19A4</i> and <i>miR124-2</i> as triage strategy for primary human papillomavirus screen positive women: A large European multicenter study. <i>International Journal of Cancer</i> , 2021, 148, 396-405.	2.3	56
17	<i>FAM19A4</i> methylation analysis in self-samples compared with cervical scrapes for detecting cervical (pre)cancer in HPV-positive women. <i>British Journal of Cancer</i> , 2016, 115, 579-587.	2.9	55
18	Identification and Validation of a 3-Gene Methylation Classifier for HPV-Based Cervical Screening on Self-Samples. <i>Clinical Cancer Research</i> , 2018, 24, 3456-3464.	3.2	55

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19	Economic Evaluation of Population-Based BRCA1/BRCA2 Mutation Testing across Multiple Countries and Health Systems. <i>Cancers</i> , 2020, 12, 1929.	1.7	49
20	Vulvar intraepithelial neoplasia: Incidence and long-term risk of vulvar squamous cell carcinoma. <i>International Journal of Cancer</i> , 2021, 148, 90-98.	2.3	49
21	Experience with HPV self-sampling and clinician-based sampling in women attending routine cervical screening in the Netherlands. <i>Preventive Medicine</i> , 2019, 125, 5-11.	1.6	48
22	Methylation marker analysis and HPV16/18 genotyping in high-risk HPV positive self-sampled specimens to identify women with high grade CIN or cervical cancer. <i>Gynecologic Oncology</i> , 2014, 135, 58-63.	0.6	45
23	Management of high-risk HPV-positive women for detection of cervical (pre)cancer. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 961-974.	1.5	45
24	p16/Ki-67 dual-stained cytology for detecting cervical (pre)cancer in a HPV-positive gynecologic outpatient population. <i>Modern Pathology</i> , 2016, 29, 870-878.	2.9	43
25	Precision prevention of Alzheimer's and other dementias: Anticipating future needs in the control of risk factors and implementation of disease-modifying therapies. <i>Alzheimer's and Dementia</i> , 2020, 16, 1457-1468.	0.4	43
26	Combined <i>CADM1</i> / <i>MAL</i> Methylation and Cytology Testing for Colposcopy Triage of High-Risk HPV-Positive Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 1933-1937.	1.1	39
27	Presence of human papillomavirus in semen in relation to semen quality. <i>Human Reproduction</i> , 2016, 31, dev317.	0.4	39
28	HPV E4 expression and DNA hypermethylation of <i>CADM1</i> , <i>MAL</i> , and <i>miR124-2</i> genes in cervical cancer and precursor lesions. <i>Modern Pathology</i> , 2018, 31, 1842-1850.	2.9	37
29	AMYPAD Diagnostic and Patient Management Study: Rationale and design. <i>Alzheimer's and Dementia</i> , 2019, 15, 388-399.	0.4	37
30	Clinical performance of high-risk HPV testing on self-samples versus clinician samples in routine primary HPV screening in the Netherlands: An observational study. <i>Lancet Regional Health - Europe</i> , The, 2021, 11, 100235.	3.0	36
31	Natural history and screening model for high-risk human papillomavirus infection, neoplasia and cervical cancer in the Netherlands. <i>International Journal of Cancer</i> , 2005, 115, 268-275.	2.3	35
32	Mood in Daily Contexts: Relationship With Risk in Early Adolescence. <i>Journal of Research on Adolescence</i> , 2007, 17, 697-722.	1.9	35
33	Three-tiered score for Ki-67 and p16 ^{ink4a} improves accuracy and reproducibility of grading CIN lesions. <i>Journal of Clinical Pathology</i> , 2018, 71, 981-988.	1.0	33
34	Long-term CIN3+ risk of HPV positive women after triage with <i>FAM19A4</i> / <i>miR124-2</i> methylation analysis. <i>Gynecologic Oncology</i> , 2019, 154, 368-373.	0.6	32
35	Optimized dual-time-window protocols for quantitative [18F]flutemetamol and [18F]florbetaben PET studies. <i>EJNMMI Research</i> , 2019, 9, 32.	1.1	31
36	Personalized risk for clinical progression in cognitively normal subjects—the ABIDE project. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 33.	3.0	30

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37	HPV-positive women with normal cytology remain at increased risk of CIN3 after a negative repeat HPV test. <i>British Journal of Cancer</i> , 2017, 117, 1557-1561.	2.9	28
38	Health and Economic Impact of a Tender-Based, Sex-Neutral Human Papillomavirus 16/18 Vaccination Program in the Netherlands. <i>Journal of Infectious Diseases</i> , 2017, 216, 210-219.	1.9	26
39	Classification of high-grade cervical intraepithelial neoplasia by p16 ^{ink4a} , Ki67, HPV E4 and <i>FAM19A4</i> / <i>miR124</i> -2 methylation status demonstrates considerable heterogeneity with potential consequences for management. <i>International Journal of Cancer</i> , 2021, 149, 707-716.	2.3	26
40	Long-Term Impact of the Dutch Colorectal Cancer Screening Program on Cancer Incidence and Mortality—Model-Based Exploration of the Serrated Pathway. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 135-144.	1.1	25
41	Clinical Regression of High-Grade Cervical Intraepithelial Neoplasia Is Associated With Absence of <i>FAM19A4</i> / <i>miR124-2</i> DNA Methylation (CONCERVE Study). <i>Journal of Clinical Oncology</i> , 2022, 40, 3037-3046.	0.8	25
42	Five-Year Cervical (Pre)Cancer Risk of Women Screened by HPV and Cytology Testing. <i>Cancer Prevention Research</i> , 2015, 8, 502-508.	0.7	24
43	A New and Validated Clinical Prognostic Model (EPI) for Enteropathy-Associated T-cell Lymphoma. <i>Clinical Cancer Research</i> , 2015, 21, 3013-3019.	3.2	23
44	Follow-up of high-risk HPV positive women by combined cytology and bi-marker <i>CADM1</i> / <i>MAL</i> methylation analysis on cervical scrapes. <i>Gynecologic Oncology</i> , 2015, 137, 55-59.	0.6	22
45	Disease burden of human papillomavirus infection in the Netherlands, 1989–2014: the gap between females and males is diminishing. <i>Cancer Causes and Control</i> , 2017, 28, 203-214.	0.8	22
46	Primary human papillomavirus DNA screening for cervical cancer prevention: Can the screening interval be safely extended?. <i>International Journal of Cancer</i> , 2015, 137, 420-427.	2.3	21
47	The potential of imaging techniques as a screening tool for colorectal cancer: a cost-effectiveness analysis. <i>British Journal of Radiology</i> , 2016, 89, 20150910.	1.0	21
48	Presence of human papillomavirus in semen of healthy men is firmly associated with HPV infections of the penile epithelium. <i>Fertility and Sterility</i> , 2015, 104, 838-844.e8.	0.5	20
49	Comparing triage algorithms using HPV DNA genotyping, HPV E7 mRNA detection and cytology in high-risk HPV DNA-positive women. <i>Journal of Clinical Virology</i> , 2015, 67, 59-66.	1.6	20
50	Inflammation and remission in older patients with depression treated with electroconvulsive therapy; findings from the MODECT study. <i>Journal of Affective Disorders</i> , 2019, 256, 509-516.	2.0	20
51	Accuracy of the Delirium Observational Screening Scale (DOS) as a screening tool for delirium in patients with advanced cancer. <i>BMC Cancer</i> , 2019, 19, 160.	1.1	20
52	Pricing of HPV vaccines in European tender-based settings. <i>European Journal of Health Economics</i> , 2019, 20, 271-280.	1.4	18
53	<i>DNA</i> methylation markers for cancer risk prediction of vulvar intraepithelial neoplasia. <i>International Journal of Cancer</i> , 2021, 148, 2481-2488.	2.3	17
54	Performance of <i>DNA</i> methylation analysis of <i>ASCL1</i> , <i>LHX8</i> , <i>ST6GALNAC5</i> , <i>GHSR</i> , <i>ZIC1</i> and <i>SST</i> for the triage of HPV-positive women: Results from a Dutch primary HPV-based screening cohort. <i>International Journal of Cancer</i> , 2022, 150, 440-449.	2.3	17

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55	Good performance of p16/ki67 dual-stained cytology for surveillance of women treated for high-grade CIN. <i>International Journal of Cancer</i> , 2017, 140, 423-430.	2.3	16
56	The cost-effectiveness profile of sex-neutral HPV immunisation in European tender-based settings: a model-based assessment. <i>Lancet Public Health</i> , The, 2020, 5, e592-e603.	4.7	16
57	The effect of individualized Nutritional counseling on muscle mass and treatment outcome in patients with metastatic Colorectal cancer undergoing chemotherapy: a randomized controlled trial protocol. <i>BMC Cancer</i> , 2015, 15, 98.	1.1	14
58	Risk-stratification of HPV-positive women with low-grade cytology by FAM19A4/miR124-2 methylation and HPV genotyping. <i>British Journal of Cancer</i> , 2022, 126, 259-264.	2.9	13
59	Identification of patients with cancer with a high risk to develop delirium. <i>Cancer Medicine</i> , 2017, 6, 1861-1870.	1.3	12
60	Role of FAM19A4/miR124-2 methylation analysis in predicting regression or non-regression of CIN2/3 lesions: a protocol of an observational longitudinal cohort study. <i>BMJ Open</i> , 2019, 9, e029017.	0.8	12
61	Why follow-back studies should be interpreted cautiously: The case of an HPV-negative cervical lesion. <i>Cancer Cytopathology</i> , 2016, 124, 66-67.	1.4	10
62	Optimal treatment of opioid induced constipation in daily clinical practice – an observational study. <i>BMC Palliative Care</i> , 2019, 18, 31.	0.8	10
63	Olanzapine Versus Haloperidol for Treatment of Delirium in Patients with Advanced Cancer: A Phase III Randomized Clinical Trial. <i>Oncologist</i> , 2020, 25, e570-e577.	1.9	10
64	Estimating the Human Papillomavirus Genotype Attribution in Screen-detected High-grade Cervical Lesions. <i>Epidemiology</i> , 2019, 30, 590-596.	1.2	9
65	Management of HPV-positive women in cervical screening using results from two consecutive screening rounds. <i>International Journal of Cancer</i> , 2019, 144, 2339-2346.	2.3	9
66	Resilience of a FIT screening programme against screening fatigue: a modelling study. <i>BMC Public Health</i> , 2016, 16, 1009.	1.2	8
67	Added value of amyloid PET in individualized risk predictions for MCI patients. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 529-537.	1.2	8
68	New Insights in Mechanisms Involved in Apoptosis Resistance in Acute Myeloid Leukemia. <i>Blood</i> , 2005, 106, 1215-1215.	0.6	8
69	Metoclopramide, Dexamethasone, or Palonosetron for Prevention of Delayed Chemotherapy-Induced Nausea and Vomiting After Moderately Emetogenic Chemotherapy (MEDEA): A Randomized, Phase III, Noninferiority Trial. <i>Oncologist</i> , 2021, 26, e173-e181.	1.9	7
70	Estimating the direct effect of human papillomavirus vaccination on the lifetime risk of screen-detected cervical precancer. <i>International Journal of Cancer</i> , 2021, 148, 320-328.	2.3	7
71	Vaccine Effectiveness Following Routine Immunization With Bivalent Human Papillomavirus (HPV) Vaccine: Protection Against Incident Genital HPV Infections From a Reduced-Dosing Schedule. <i>Journal of Infectious Diseases</i> , 2022, 226, 634-643.	1.9	7
72	Fast approximate computation of cervical cancer screening outcomes by a deterministic multiple-type HPV progression model. <i>Mathematical Biosciences</i> , 2019, 309, 92-106.	0.9	6

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73	Population Impact of Girls-Only Human Papillomavirus 16/18 Vaccination in The Netherlands: Cross-Protective and Second-Order Herd Effects. <i>Clinical Infectious Diseases</i> , 2021, 72, e103-e111.	2.9	6
74	Biomarker testing in MCI patientsâ€”deciding who to test. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 14.	3.0	6
75	Bayesian adaptive decision-theoretic designs for multi-arm multi-stage clinical trials. <i>Statistical Methods in Medical Research</i> , 2021, 30, 717-730.	0.7	4
76	The important role of cisplatin in the treatment of HPV-positive oropharyngeal cancer assessed by real-world data analysis. <i>Oral Oncology</i> , 2021, 121, 105454.	0.8	4
77	An EM algorithm for nonparametric estimation of the cumulative incidence function from repeated imperfect test results. <i>Statistics in Medicine</i> , 2017, 36, 3412-3421.	0.8	2
78	Comparing the sensitivities of two screening tests in nonblinded randomized paired screenâ€”positive trials with differential screening uptake. <i>Statistics in Medicine</i> , 2021, 40, 6873-6884.	0.8	2
79	O5-07-02: Personalized Risk Estimates for MCI Patients: Taking Biomarkers Into the Clinic. , 2016, 12, P393-P393.		1
80	Identification of patients at risk for delirium on a medical oncology hospital ward.. <i>Journal of Clinical Oncology</i> , 2014, 32, 130-130.	0.8	1
81	Efficacy and side effect profile of olanzapine versus haloperidol for symptoms of delirium in hospitalized patients with advanced cancer: A multicenter, investigator-blinded, randomized, controlled trial (RCT).. <i>Journal of Clinical Oncology</i> , 2017, 35, 231-231.	0.8	1
82	Pricing of HPV tests in Italian tender-based settings. <i>Journal of Medical Economics</i> , 2022, 25, 762-768.	1.0	1
83	Determinants of Neonatal Abstinence after in Utero Exposure to Serotonin Reuptake Inhibitors. <i>Tijdschrift Voor Kindergeneeskunde</i> , 2013, 81, 64-64.	0.0	0
84	[F1â€”03â€”04]: BIOMARKER-BASED PERSONALIZED RISK ESTIMATES FOR PATIENTS WITH SUBJECTIVE COGNITIVE DECLINE. <i>Alzheimer's and Dementia</i> , 2017, 13, P177.	0.4	0
85	O3â€”13â€”06: TAKING AMYLOID PET INTO THE CLINIC: INDIVIDUALIZED RISK PREDICTION IN MCI PATIENTS â€” THE ABIDE PROJECT. <i>Alzheimer's and Dementia</i> , 2018, 14, P1058.	0.4	0
86	O2â€”15â€”04: ROBUST INDIVIDUALIZED PREDICTION MODELS WHICH ARE APPLICABLE ACROSS DIFFERENT COHORTS. <i>Alzheimer's and Dementia</i> , 2018, 14, P661.	0.4	0
87	Biomarker testing in MCI patients: Deciding who to tap. <i>Alzheimer's and Dementia</i> , 2020, 16, e042735.	0.4	0
88	Risk of Cervical Intraepithelial Neoplasia Grade 3 or Worse in HPV-Positive Women with Normal Cytology and Five-Year Type Concordance: A Randomized Comparison. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 485-491.	1.1	0
89	Predicting institutionalization and mortality across the spectrum of Alzheimerâ€™s disease. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0