

# Carla H Van Gils

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

3,425  
citations

159358

30  
h-index

161609

54  
g-index

99  
all docs

99  
docs citations

99  
times ranked

4850  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Indocyanine green versus technetium <sup>99m</sup> with blue dye for sentinel lymph node detection in early-stage cervical cancer: A systematic review and meta-analysis. <i>Cancer Reports</i> , 2022, 5, e1401.                        | 0.6 | 10        |
| 2  | Deep Learning for Automated Triaging of 4581 Breast MRI Examinations from the DENSE Trial. <i>Radiology</i> , 2022, 302, 29-36.  | 3.6 | 30        |
| 3  | Genome-wide association study meta-analysis identifies three novel loci for circulating anti-Müllerian hormone levels in women. <i>Human Reproduction</i> , 2022, 37, 1069-1082.   | 0.4 | 13        |
| 4  | The progressive relationship between increasing Breslow thickness and decreasing survival is lost in patients with ultrathick melanomas (≥15mm in thickness). <i>Journal of the American Academy of Dermatology</i> , 2022, 87, 298-305. | 0.6 | 3         |
| 5  | Interval Cancer Detection Using a Neural Network and Breast Density in Women with Negative Screening Mammograms. <i>Radiology</i> , 2022, 303, 269-275.  | 3.6 | 26        |
| 6  | Effect of the time interval between melanoma diagnosis and sentinel node biopsy on the size of metastatic tumour deposits in node-positive patients. <i>European Journal of Cancer</i> , 2022, 167, 133-141.                             | 1.3 | 3         |
| 7  | Time interval between diagnostic excision-biopsy of a primary melanoma and sentinel node biopsy: effects on the sentinel node positivity rate and survival outcomes. <i>European Journal of Cancer</i> , 2022, 167, 123-132.             | 1.3 | 4         |
| 8  | Population-based estimates of overtreatment with adjuvant systemic therapy in early breast cancer patients with data from the Netherlands and the USA. <i>Breast Cancer Research and Treatment</i> , 2022, 193, 161-173.                 | 1.1 | 7         |
| 9  | Association of histological features with laryngeal squamous cell carcinoma recurrences: a population-based study of 1502 patients in the Netherlands. <i>BMC Cancer</i> , 2022, 22, 444.  | 1.1 | 0         |
| 10 | The association of age at menarche and adult height with mammographic density in the International Consortium of Mammographic Density. <i>Breast Cancer Research</i> , 2022, 24, .   | 2.2 | 6         |
| 11 | Soluble Receptor for Advanced Glycation End-products (sRAGE) and Colorectal Cancer Risk: A Case-Control Study Nested within a European Prospective Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 182-192.     | 1.1 | 7         |
| 12 | Anti-Müllerian hormone levels and risk of type 2 diabetes in women. <i>Diabetologia</i> , 2021, 64, 375-384.   | 2.9 | 9         |
| 13 | Predicting recurrence in patients with sentinel node-negative melanoma: validation of the EORTC nomogram using population-based data. <i>British Journal of Surgery</i> , 2021, 108, 550-553.  | 0.1 | 7         |
| 14 | Long-term low-level ambient air pollution exposure and risk of lung cancer – A pooled analysis of 7 European cohorts. <i>Environment International</i> , 2021, 146, 106249.  | 4.8 | 79        |
| 15 | Oncology patients were found to understand and accept the Trials within Cohorts design. <i>Journal of Clinical Epidemiology</i> , 2021, 130, 135-142.  | 2.4 | 7         |
| 16 | Anti-Müllerian Hormone Levels and Risk of Cancer in Women. <i>Maturitas</i> , 2021, 143, 216-222.  | 1.0 | 1         |
| 17 | Association of Histologic Regression With a Favorable Outcome in Patients With Stage 1 and Stage 2 Cutaneous Melanoma. <i>JAMA Dermatology</i> , 2021, 157, 166.   | 2.0 | 21        |
| 18 | Long-term exposure to fine particle elemental components and lung cancer incidence in the ELAPSE pooled cohort. <i>Environmental Research</i> , 2021, 193, 110568.   | 3.7 | 32        |

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|----|---|-----|-----------|
| 19 | Abstract S02-02: The impact of resuming the breast cancer screening program in the Netherlands on breast cancer incidence and stage after its discontinuation due to the COVID-19 pandemic. , 2021, , .   |     | 0         |
| 20 | Development and Validation of Nomograms to Predict Local, Regional, and Distant Recurrence in Patients With Thin (T1) Melanomas. <i>Journal of Clinical Oncology</i> , 2021, 39, 1243-1252.   | 0.8 | 28        |
| 21 | Predicting sentinel node positivity in patients with melanoma: external validation of a riskâ€prediction calculator (the Melanoma Institute Australia nomogram) using a large European populationâ€based patient cohort*. <i>British Journal of Dermatology</i> , 2021, 185, 412-418. | 1.4 | 14        |
| 22 | High discordance rate in assessing sentinel node positivity in cutaneous melanoma: Expert review may reduce unjustified adjuvant treatment. <i>European Journal of Cancer</i> , 2021, 149, 105-113.   | 1.3 | 4         |
| 23 | Supplemental Breast MRI for Women with Extremely Dense Breasts: Results of the Second Screening Round of the DENSE Trial. <i>Radiology</i> , 2021, 299, 278-286.  | 3.6 | 66        |
| 24 | Longâ€term exposure to air pollution and liver cancer incidence in six European cohorts. <i>International Journal of Cancer</i> , 2021, 149, 1887-1897.   | 2.3 | 35        |
| 25 | Effects of exercise in breast cancer patients: implications of the trials within cohorts (TwiCs) design in the UMBRELLA Fit trial. <i>Breast Cancer Research and Treatment</i> , 2021, 190, 89-101.   | 1.1 | 14        |
| 26 | Reducing False-Positive Screening MRI Rate in Women with Extremely Dense Breasts Using Prediction Models Based on Data from the DENSE Trial. <i>Radiology</i> , 2021, 301, 283-292.   | 3.6 | 9         |
| 27 | Cost-Effectiveness of Magnetic Resonance Imaging Screening for Women With Extremely Dense Breast Tissue. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1476-1483.  | 3.0 | 39        |
| 28 | Impact of the suspension and restart of the Dutch breast cancer screening program on breast cancer incidence and stage during the COVID-19 pandemic. <i>Preventive Medicine</i> , 2021, 151, 106602.  | 1.6 | 48        |
| 29 | Association of Pre-diagnostic Antibody Responses to Escherichia coli and Bacteroides fragilis Toxin Proteins with Colorectal Cancer in a European Cohort. <i>Gut Microbes</i> , 2021, 13, 1-14.   | 4.3 | 19        |
| 30 | The changing microRNA landscape by color and cloudiness: a cautionary tale for nipple aspirate fluid biomarker analysis. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 1339-1349.  | 2.1 | 4         |
| 31 | Lessons Learned from Setting Up a Prospective, Longitudinal, Multicenter Study with Women at High Risk for Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 441-449.   | 1.1 | 10        |
| 32 | Healthy lifestyle and the risk of pancreatic cancer in the EPIC study. <i>European Journal of Epidemiology</i> , 2020, 35, 975-986.   | 2.5 | 42        |
| 33 | Prediagnostic Plasma Bile Acid Levels and Colon Cancer Risk: A Prospective Study. <i>Journal of the National Cancer Institute</i> , 2020, 112, 516-524.   | 3.0 | 69        |
| 34 | Patient-reported cosmetic satisfaction and the long-term association with quality of life in irradiated breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2020, 179, 479-489.   | 1.1 | 15        |
| 35 | The Physiological MicroRNA Landscape in Nipple Aspirate Fluid: Differences and Similarities with Breast Tissue, Breast Milk, Plasma and Serum. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8466.   | 1.8 | 4         |
| 36 | Menstrual Factors, Reproductive History, Hormone Use, and Urothelial Carcinoma Risk: A Prospective Study in the EPIC Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 1654-1664.  | 1.1 | 3         |

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|----|--|------|-----------|
| 37 | Computer-Aided Diagnosis in Multiparametric Magnetic Resonance Imaging Screening of Women With Extremely Dense Breasts to Reduce False-Positive Diagnoses. <i>Investigative Radiology</i> , 2020, 55, 438-444.   | 3.5  | 23        |
| 38 | Nutrient-wide association study of 92 foods and nutrients and breast cancer risk. <i>Breast Cancer Research</i> , 2020, 22, 5.   | 2.2  | 30        |
| 39 | Theoretical potential for endometrial cancer prevention through primary risk factor modification: Estimates from the EPIC cohort. <i>International Journal of Cancer</i> , 2020, 147, 1325-1333.   | 2.3  | 6         |
| 40 | Anti-Müllerian hormone levels and risk of cancer: A systematic review. <i>Maturitas</i> , 2020, 135, 53-67.  | 1.0  | 4         |
| 41 | Subtyping Cutaneous Melanoma Matters. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa097.  | 1.4  | 17        |
| 42 | Reproductive and Lifestyle Factors and Circulating sRANKL and OPG Concentrations in Women: Results from the EPIC Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1746-1754.   | 1.1  | 8         |
| 43 | The Trials within Cohorts design faced methodological advantages and disadvantages in the exercise oncology setting. <i>Journal of Clinical Epidemiology</i> , 2019, 113, 137-146.   | 2.4  | 32        |
| 44 | Knowledge-based and deep learning-based automated chest wall segmentation in magnetic resonance images of extremely dense breasts. <i>Medical Physics</i> , 2019, 46, 4405-4416.   | 1.6  | 6         |
| 45 | High Levels of C-Reactive Protein Are Associated with an Increased Risk of Ovarian Cancer: Results from the Ovarian Cancer Cohort Consortium. <i>Cancer Research</i> , 2019, 79, 5442-5451.  | 0.4  | 36        |
| 46 | Prospective analysis of circulating metabolites and breast cancer in EPIC. <i>BMC Medicine</i> , 2019, 17, 178.  | 2.3  | 79        |
| 47 | Antibody Responses to <i>Fusobacterium nucleatum</i> Proteins in Prediagnostic Blood Samples are not Associated with Risk of Developing Colorectal Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1552-1555.   | 1.1  | 17        |
| 48 | Socioeconomic Effect of Education on Pancreatic Cancer Risk in Western Europe: An Update on the EPIC Cohorts Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 1089-1092.  | 1.1  | 6         |
| 49 | Change in mammographic density across birth cohorts of Dutch breast cancer screening participants. <i>International Journal of Cancer</i> , 2019, 145, 2954-2962.  | 2.3  | 4         |
| 50 | Physical activity levels of women with breast cancer during and after treatment, a comparison with the Dutch female population. <i>Acta Oncologica</i> , 2019, 58, 673-681.  | 0.8  | 24        |
| 51 | Application of Nipple Aspirate Fluid miRNA Profiles for Early Breast Cancer Detection and Management. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5814.   | 1.8  | 6         |
| 52 | Adherence to the World Cancer Research Fund/American Institute for Cancer Research cancer prevention recommendations and risk of in situ breast cancer in the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. <i>BMC Medicine</i> , 2019, 17, 221. | 2.3  | 18        |
| 53 | Supplemental MRI Screening for Women with Extremely Dense Breast Tissue. <i>New England Journal of Medicine</i> , 2019, 381, 2091-2102.  | 13.9 | 388       |
| 54 | Gallstones and incident colorectal cancer in a large pan-European cohort study. <i>International Journal of Cancer</i> , 2019, 145, 1510-1516.   | 2.3  | 17        |

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|----|---|-----|-----------|
| 55 | Receptor Conversion in Distant Breast Cancer Metastases: A Systematic Review and Meta-analysis. <i>Journal of the National Cancer Institute</i> , 2018, 110, 568-580.   | 3.0 | 198       |
| 56 | Influence of Risk Category and Screening Round on the Performance of an MR Imaging and Mammography Screening Program in Carriers of the <i>BRCA</i> Mutation and Other Women at Increased Risk. <i>Radiology</i> , 2018, 286, 443-451.  | 3.6 | 48        |
| 57 | Severe depression more common in patients with ductal carcinoma in situ than early-stage invasive breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2018, 167, 205-213.   | 1.1 | 14        |
| 58 | A comprehensive analysis of polymorphic variants in steroid hormone and insulin-like growth factor metabolism and risk of <i>in situ</i> breast cancer: Results from the Breast and Prostate Cancer Cohort Consortium. <i>International Journal of Cancer</i> , 2018, 142, 1182-1188. | 2.3 | 0         |
| 59 | Comprehensive Proteomic Profiling-derived Immunohistochemistry-based Prediction Models for <i>BRCA1</i> and <i>BRCA2</i> Germline Mutation-related Breast Carcinomas. <i>American Journal of Surgical Pathology</i> , 2018, 42, 1262-1272.  | 2.1 | 3         |
| 60 | Receptor activator of nuclear factor $\kappa$ B ligand, osteoprotegerin, and risk of death following a breast cancer diagnosis: results from the EPIC cohort. <i>BMC Cancer</i> , 2018, 18, 1010.   | 1.1 | 9         |
| 61 | Reasons for (non)participation in supplemental population-based MRI breast screening for women with extremely dense breasts. <i>Clinical Radiology</i> , 2018, 73, 759.e1-759.e9.   | 0.5 | 23        |
| 62 | The combined effect of mammographic texture and density on breast cancer risk: a cohort study. <i>Breast Cancer Research</i> , 2018, 20, 36.  | 2.2 | 28        |
| 63 | Nonsteroidal anti-inflammatory drug use and breast cancer risk in a European prospective cohort study. <i>International Journal of Cancer</i> , 2018, 143, 1688-1695.   | 2.3 | 11        |
| 64 | The cohort multiple randomized controlled trial design: a valid and efficient alternative to pragmatic trials?. <i>International Journal of Epidemiology</i> , 2017, 46, dyw050.  | 0.9 | 49        |
| 65 | Pre-adult famine exposure and subsequent colorectal cancer risk in women. <i>International Journal of Epidemiology</i> , 2017, 46, dyw121.  | 0.9 | 6         |
| 66 | Volumetric breast density affects performance of digital screening mammography. <i>Breast Cancer Research and Treatment</i> , 2017, 162, 95-103.  | 1.1 | 114       |
| 67 | Redefining radiotherapy for early-stage breast cancer with single dose ablative treatment: a study protocol. <i>BMC Cancer</i> , 2017, 17, 181.   | 1.1 | 35        |
| 68 | Osteoprotegerin and breast cancer risk by hormone receptor subtype: a nested case-control study in the EPIC cohort. <i>BMC Medicine</i> , 2017, 15, 26.   | 2.3 | 21        |
| 69 | Quantification of masking risk in screening mammography with volumetric breast density maps. <i>Breast Cancer Research and Treatment</i> , 2017, 162, 541-548.  | 1.1 | 32        |
| 70 | The Utrecht cohort for Multiple BREast cancer intervention studies and Long-term evaluation (UMBRELLA): objectives, design, and baseline results. <i>Breast Cancer Research and Treatment</i> , 2017, 164, 445-450.   | 1.1 | 42        |
| 71 | Biomarkers of folate and vitamin B12 and breast cancer risk: report from the EPIC cohort. <i>International Journal of Cancer</i> , 2017, 140, 1246-1259.  | 2.3 | 36        |
| 72 | Evaluation of a Stratified National Breast Screening Program in the United Kingdom: An Early Model-Based Cost-Effectiveness Analysis. <i>Value in Health</i> , 2017, 20, 1100-1109.   | 0.1 | 46        |

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|----|--|-----|-----------|
| 73 | The effect of volumetric breast density on the risk of screen-detected and interval breast cancers: a cohort study. <i>Breast Cancer Research</i> , 2017, 19, 67.  | 2.2 | 56        |
| 74 | Influence of breast compression pressure on the performance of population-based mammography screening. <i>Breast Cancer Research</i> , 2017, 19, 126.  | 2.2 | 39        |
| 75 | The effects of exercise on the quality of life of patients with breast cancer (the UMBRELLA Fit study): study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 504.   | 0.7 | 16        |
| 76 | Mammographic density and ageing: A collaborative pooled analysis of cross-sectional data from 22 countries worldwide. <i>PLoS Medicine</i> , 2017, 14, e1002335.   | 3.9 | 108       |
| 77 | Adjuvant systemic therapy in early breast cancer: impact of guideline changes and clinicopathological factors associated with nonadherence at a nation-wide level. <i>Breast Cancer Research and Treatment</i> , 2016, 159, 357-365. | 1.1 | 7         |
| 78 | Consistency of breast density categories in serial screening mammograms: A comparison between automated and human assessment. <i>Breast</i> , 2016, 29, 49-54.   | 0.9 | 21        |
| 79 | Mammographic density assessed on paired raw and processed digital images and on paired screen-film and digital images across three mammography systems. <i>Breast Cancer Research</i> , 2016, 18, 130.                               | 2.2 | 17        |
| 80 | International Consortium on Mammographic Density: Methodology and population diversity captured across 22 countries. <i>Cancer Epidemiology</i> , 2016, 40, 141-151.   | 0.8 | 19        |
| 81 | Vegetable and fruit consumption and the risk of hormone receptorâ€defined breast cancer in the EPIC cohort. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 168-177.   | 2.2 | 48        |
| 82 | SU-C-207B-04: Automated Segmentation of Pectoral Muscle in MR Images of Dense Breasts. <i>Medical Physics</i> , 2016, 43, 3330-3330.   | 1.6 | 1         |
| 83 | Patientsâ€™ and Health Care Providersâ€™ Opinions on a Supportive Health App During Breast Cancer Treatment: A Qualitative Evaluation. <i>JMIR Cancer</i> , 2016, 2, e8.   | 0.9 | 24        |
| 84 | The effect of weight change on changes in breast density measures over menopause in a breast cancer screening cohort. <i>Breast Cancer Research</i> , 2015, 17, 74.  | 2.2 | 12        |
| 85 | Mortality and cancer incidence in the EPIC-NL cohort: impact of the healthy volunteer effect. <i>European Journal of Public Health</i> , 2015, 25, 144-149.  | 0.1 | 19        |
| 86 | Pre-diagnostic polyphenol intake and breast cancer survival: the European Prospective Investigation into Cancer and Nutrition (EPIC) cohort. <i>Breast Cancer Research and Treatment</i> , 2015, 154, 389-401.                       | 1.1 | 31        |
| 87 | Alcohol intake and breast cancer in the European prospective investigation into cancer and nutrition. <i>International Journal of Cancer</i> , 2015, 137, 1921-1930.   | 2.3 | 65        |
| 88 | MR Imaging as an Additional Screening Modality for the Detection of Breast Cancer in Women Aged 50â€“75 Years with Extremely Dense Breasts: The DENSE Trial Study Design. <i>Radiology</i> , 2015, 277, 527-537.                     | 3.6 | 89        |
| 89 | Pre-diagnostic concordance with the WCRF/AICR guidelines and survival in European colorectal cancer patients: a cohort study. <i>BMC Medicine</i> , 2015, 13, 107.   | 2.3 | 66        |
| 90 | Geographic variation in volumetric breast density between screening regions in the Netherlands. <i>European Radiology</i> , 2015, 25, 3328-3337.   | 2.3 | 16        |

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|----|---|-----|-----------|
| 91 | Age-related Changes in Mammographic Density and Breast Cancer Risk. American Journal of Epidemiology, 2013, 178, 101-109.   | 1.6 | 57        |
| 92 | Detection of Breast Cancer by Surface-enhanced Laser Desorption/Ionization Time-of-flight Mass Spectrometry Tissue and Serum Protein Profiling. International Journal of Biological Markers, 2009, 24, 130-141.                         | 0.7 | 10        |
| 93 | Influence of sample storage duration on serum protein profiles assessed by surface-enhanced laser desorption/ionisation time-of-flight mass spectrometry (SELDI-TOF MS). Clinical Chemistry and Laboratory Medicine, 2009, 47, 694-705. | 1.4 | 31        |
| 94 | Physical Activity and Endogenous Sex Hormone Levels in Postmenopausal Women: a Cross-Sectional Study in the Prospect-EPIC Cohort. Cancer Epidemiology Biomarkers and Prevention, 2009, 18, 377-383.                                     | 1.1 | 41        |
| 95 | Mammographic density, breast cancer risk and risk prediction. Breast Cancer Research, 2007, 9, 217.   | 2.2 | 270       |
| 96 | Consumption of Vegetables and Fruits and Risk of Breast Cancer. JAMA - Journal of the American Medical Association, 2005, 293, 183.   | 3.8 | 227       |
| 97 | Heritable Aspects of Dysplastic Breast Glandular Tissue (DY). Breast Cancer Research and Treatment, 2004, 87, 149-156.  | 1.1 | 8         |
| 98 | The V89L polymorphism in the 5-alpha-reductase type 2 gene and risk of breast cancer. Cancer Epidemiology Biomarkers and Prevention, 2003, 12, 1194-9.  | 1.1 | 2         |