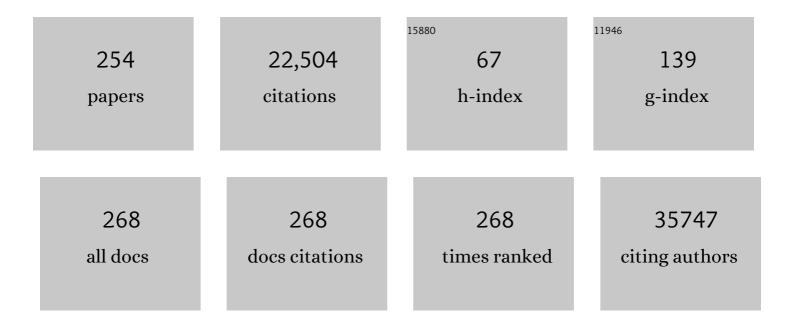
## John W M Martens

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4037184/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Apolipoprotein B mRNA-Editing Catalytic Polypeptide-Like–Induced Protein Changes in Estrogen<br>Receptor–Positive, Human Epidermal Growth Factor Receptor 2–Negative Breast Cancer Throughout<br>Disease Progression. JCO Precision Oncology, 2022, 6, e2100190. | 1.5 | 5         |
| 2  | ldentifying Transcripts with Tandem Duplications from RNA-Sequencing Data to Predict BRCA1-Type<br>Primary Breast Cancer. Cancers, 2022, 14, 753.  | 1.7 | 1         |
| 3  | Prognostic Value of Circulating Tumor Cell Characteristics May Be Biased by Their Quantity. Journal of Clinical Oncology, 2022, 40, 519-520.   | 0.8 | 2         |
| 4  | The prognostic and predictive value of ESR1 fusion gene transcripts in primary breast cancer. BMC Cancer, 2022, 22, 165.   | 1.1 | 8         |
| 5  | Abstract P3-09-18: The association between genomic alterations and body mass index in patients with early breast cancer. Cancer Research, 2022, 82, P3-09-18-P3-09-18.   | 0.4 | 0         |
| 6  | Abstract P2-01-17: Circulating tumor cell count and levels of circulating tumor DNA are<br>complementary prognostic biomarkers in metastatic breast cancer - A pilot study. Cancer Research,<br>2022, 82, P2-01-17-P2-01-17.                                     | 0.4 | 1         |
| 7  | Genomeâ€wide aneuploidy detected by mFastâ€SeqS in circulating cellâ€free DNA is associated with poor<br>response to pembrolizumab in patients with advanced urothelial cancer. Molecular Oncology, 2022,<br>16, 2086-2097.                                      | 2.1 | 8         |
| 8  | Circulating tumour cells to drive the use of neoadjuvant chemotherapy in patients with muscle-invasive bladder cancer. ESMO Open, 2022, 7, 100416.   | 2.0 | 10        |
| 9  | A pipeline for copy number profiling of single circulating tumour cells to assess intrapatient tumour heterogeneity. Molecular Oncology, 2022, 16, 2981-3000.  | 2.1 | 6         |
| 10 | Lost by Transcription: Fork Failures, Elevated Expression, and Clinical Consequences Related to<br>Deletions in Metastatic Colorectal Cancer. International Journal of Molecular Sciences, 2022, 23,<br>5080.  | 1.8 | 2         |
| 11 | ESR1 Methylation Measured in Cell-Free DNA to Evaluate Endocrine Resistance in Metastatic Breast<br>Cancer Patients. International Journal of Molecular Sciences, 2022, 23, 5631.  | 1.8 | 4         |
| 12 | Functional RECAP (REpair CAPacity) assay identifies homologous recombination deficiency undetected by DNA-based BRCAness tests. Oncogene, 2022, 41, 3498-3506.   | 2.6 | 9         |
| 13 | Uncovering the Contribution of Moderate-Penetrance Susceptibility Genes to Breast Cancer by<br>Whole-Exome Sequencing and Targeted Enrichment Sequencing of Candidate Genes in Women of<br>European Ancestry. Cancers, 2022, 14, 3363.                           | 1.7 | 2         |
| 14 | Liquid Biopsies to Select Patients for Perioperative Chemotherapy in Muscle-invasive Bladder Cancer: A<br>Systematic Review. European Urology Oncology, 2021, 4, 204-214.  | 2.6 | 20        |
| 15 | Comparison of variant allele frequency and number of mutant molecules as units of measurement for circulating tumor DNA. Molecular Oncology, 2021, 15, 57-66.  | 2.1 | 28        |
| 16 | CYP3A7*1C allele: linking premenopausal oestrone and progesterone levels with risk of hormone receptor-positive breast cancers. British Journal of Cancer, 2021, 124, 842-854.   | 2.9 | 5         |
| 17 | A case-only study to identify genetic modifiers of breast cancer risk for BRCA1/BRCA2 mutation carriers. Nature Communications, 2021, 12, 1078.  | 5.8 | 19        |
| 18 | Differential reprogramming of breast cancer subtypes in 3D cultures and implications for sensitivity to targeted therapy. Scientific Reports, 2021, 11, 7259.  | 1.6 | 20        |

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|----|--|-----|-----------|
| 19 | Detection of tumor-derived extracellular vesicles in plasma from patients with solid cancer. BMC Cancer, 2021, 21, 315.  | 1.1 | 18        |
| 20 | Splicing factors control triple-negative breast cancer cell mitosis through SUN2 interaction and sororin intron retention. Journal of Experimental and Clinical Cancer Research, 2021, 40, 82.   | 3.5 | 20        |
| 21 | Circular RNA in Chemonaive Lymph Node Negative Colon Cancer Patients. Cancers, 2021, 13, 1903.   | 1.7 | 1         |
| 22 | A Systematic Review of the Use of Circulating Cell-Free DNA Dynamics to Monitor Response to Treatment in Metastatic Breast Cancer Patients. Cancers, 2021, 13, 1811.   | 1.7 | 6         |
| 23 | Optimizing Nanopore sequencing-based detection of structural variants enables individualized circulating tumor DNA-based disease monitoring in cancer patients. Genome Medicine, 2021, 13, 86.   | 3.6 | 14        |
| 24 | Estrogens and Progestogens in Triple Negative Breast Cancer: Do They Harm?. Cancers, 2021, 13, 2506.   | 1.7 | 17        |
| 25 | A panel of DNA methylation markers for the classification of consensus molecular subtypes 2 and 3 in patients with colorectal cancer Journal of Clinical Oncology, 2021, 39, 3545-3545.  | 0.8 | 0         |
| 26 | Circulating tumor cell-driven use of neoadjuvant chemotherapy in patients with muscle-invasive bladder cancer Journal of Clinical Oncology, 2021, 39, 4523-4523.   | 0.8 | 2         |
| 27 | Prospective Evaluation of a Circulating Tumor Cell Sensitivity Profile to Predict Response to Cisplatin Chemotherapy in Metastatic Breast Cancer Patients. Frontiers in Oncology, 2021, 11, 697572.  | 1.3 | 0         |
| 28 | Generating human prostate cancer organoids from leukapheresis enriched circulating tumour cells.<br>European Journal of Cancer, 2021, 150, 179-189.  | 1.3 | 47        |
| 29 | Evaluation of multiple transcriptomic gene risk signatures in male breast cancer. Npj Breast Cancer,<br>2021, 7, 98.   | 2.3 | 4         |
| 30 | Association of germline genetic variants with breast cancer-specific survival in patient subgroups<br>defined by clinic-pathological variables related to tumor biology and type of systemic treatment.<br>Breast Cancer Research, 2021, 23, 86. | 2.2 | 7         |
| 31 | Transcriptomic Properties of HER2+ Ductal Carcinoma In Situ of the Breast Associate with Absence of<br>Immune Cells. Biology, 2021, 10, 768.   | 1.3 | 1         |
| 32 | Liquid biopsy in esophageal cancer: a case report of false-positive circulating tumor DNA detection due to clonal hematopoiesis. Annals of Translational Medicine, 2021, 9, 1264-1264.   | 0.7 | 12        |
| 33 | Spatial immunophenotypes predict response to anti-PD1 treatment and capture distinct paths of T cell evasion in triple negative breast cancer. Nature Communications, 2021, 12, 5668.  | 5.8 | 91        |
| 34 | A panel of DNA methylation markers for the classification of consensus molecular subtypes 2 and 3 in patients with colorectal cancer. Molecular Oncology, 2021, 15, 3348-3362.   | 2.1 | 3         |
| 35 | Detection of Aneuploidy in Cerebrospinal Fluid from Patients with Breast Cancer Can Improve<br>Diagnosis of Leptomeningeal Metastases. Clinical Cancer Research, 2021, 27, 2798-2806.  | 3.2 | 14        |
| 36 | Whole genome sequencing of metastatic colorectal cancer reveals prior treatment effects and specific metastasis features. Nature Communications, 2021, 12, 574.  | 5.8 | 39        |

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|----|---|-----|-----------|
| 37 | High-throughput and affordable genome-wide methylation profiling of circulating cell-free DNA by<br>methylated DNA sequencing (MeD-seq) of LpnPI digested fragments. Clinical Epigenetics, 2021, 13, 196.           | 1.8 | 10        |
| 38 | SPEN is required for Xist upregulation during initiation of X chromosome inactivation. Nature Communications, 2021, 12, 7000.   | 5.8 | 16        |
| 39 | Fusion transcripts and their genomic breakpoints in polyadenylated and ribosomal RNA–minus RNA sequencing data. GigaScience, 2021, 10, .  | 3.3 | 10        |
| 40 | Clonality, Antigen Recognition, and Suppression of CD8+ T Cells Differentially Affect Prognosis of<br>Breast Cancer Subtypes. Clinical Cancer Research, 2020, 26, 505-517.  | 3.2 | 26        |
| 41 | High ctDNA molecule numbers relate with poor outcome in advanced ER+, HER2â^' postmenopausal<br>breast cancer patients treated with everolimus and exemestane. Molecular Oncology, 2020, 14, 490-503.               | 2.1 | 14        |
| 42 | Deubiquitinase Activity Profiling Identifies UCHL1 as a Candidate Oncoprotein That Promotes TGFβ-Induced Breast Cancer Metastasis. Clinical Cancer Research, 2020, 26, 1460-1473.                                   | 3.2 | 92        |
| 43 | DPHL: A DIA Pan-human Protein Mass Spectrometry Library for Robust Biomarker Discovery. Genomics,<br>Proteomics and Bioinformatics, 2020, 18, 104-119.  | 3.0 | 51        |
| 44 | Interconnectivity between molecular subtypes and tumor stage in colorectal cancer. BMC Cancer, 2020, 20, 850.   | 1.1 | 14        |
| 45 | Fundamentals of liquid biopsies in metastatic prostate cancer: from characterization to stratification. Current Opinion in Oncology, 2020, 32, 527-534.   | 1.1 | 5         |
| 46 | Intratumoral heterogeneity of second-harmonic generation scattering from tumor collagen and its effects on metastatic risk prediction. BMC Cancer, 2020, 20, 1217.  | 1.1 | 10        |
| 47 | Pan-cancer landscape of homologous recombination deficiency. Nature Communications, 2020, 11, 5584.   | 5.8 | 262       |
| 48 | Estrogen Receptor Pathway Activity Score to Predict Clinical Response or Resistance to Neoadjuvant<br>Endocrine Therapy in Primary Breast Cancer. Molecular Cancer Therapeutics, 2020, 19, 680-689.                 | 1.9 | 44        |
| 49 | Germline HOXB13 mutations p.G84E and p.R217C do not confer an increased breast cancer risk.<br>Scientific Reports, 2020, 10, 9688.  | 1.6 | 2         |
| 50 | Loss of Y-Chromosome during Male Breast Carcinogenesis. Cancers, 2020, 12, 631.   | 1.7 | 10        |
| 51 | Integrative analysis of genomic amplification-dependent expression and loss-of-function screen<br>identifies ASAP1 as a driver gene in triple-negative breast cancer progression. Oncogene, 2020, 39,<br>4118-4131. | 2.6 | 19        |
| 52 | Transcriptomeâ€wide association study of breast cancer risk by estrogenâ€receptor status. Genetic<br>Epidemiology, 2020, 44, 442-468.   | 0.6 | 32        |
| 53 | ER and PI3K Pathway Activity in Primary ER Positive Breast Cancer Is Associated with Progression-Free<br>Survival of Metastatic Patients under First-Line Tamoxifen. Cancers, 2020, 12, 802.                        | 1.7 | 20        |
| 54 | Metabotropic glutamate receptor 1 is associated with unfavorable prognosis in ER-negative and triple-negative breast cancer. Scientific Reports, 2020, 10, 22292.   | 1.6 | 11        |

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|----|--|-----|-----------|
| 55 | Characterization of the mechanism by which the RB/E2F pathway controls expression of the cancer genomic DNA deaminase APOBEC3B. ELife, 2020, 9, .  | 2.8 | 25        |
| 56 | Multi-targeted kinase inhibition alleviates mTOR inhibitor resistance in triple-negative breast cancer.<br>Breast Cancer Research and Treatment, 2019, 178, 263-274.   | 1.1 | 26        |
| 57 | Uncovering the signaling landscape controlling breast cancer cell migration identifies novel metastasis driver genes. Nature Communications, 2019, 10, 2983.   | 5.8 | 58        |
| 58 | APOBEC3B Gene Expression in Ductal Carcinoma In Situ and Synchronous Invasive Breast Cancer.<br>Cancers, 2019, 11, 1062.   | 1.7 | 9         |
| 59 | A kinase inhibitor screen identifies a dual cdc7/CDK9 inhibitor to sensitise triple-negative breast cancer to EGFR-targeted therapy. Breast Cancer Research, 2019, 21, 77.   | 2.2 | 48        |
| 60 | 5-Fluorouracil treatment induces characteristic T>G mutations in human cancer. Nature Communications, 2019, 10, 4571.  | 5.8 | 143       |
| 61 | Circulating Tumor Cell Enumeration and Characterization in Metastatic Castration-Resistant<br>Prostate Cancer Patients Treated with Cabazitaxel. Cancers, 2019, 11, 1212.  | 1.7 | 21        |
| 62 | Cancer-associated fibroblast-derived Gremlin 1 promotes breast cancer progression. Breast Cancer<br>Research, 2019, 21, 109.   | 2.2 | 94        |
| 63 | The genomic landscape of metastatic breast cancer highlights changes in mutation and signature frequencies. Nature Genetics, 2019, 51, 1450-1458.  | 9.4 | 250       |
| 64 | Associations between AR-V7 status in circulating tumour cells, circulating tumour cell count and survival in men with metastatic castration-resistant prostate cancer. European Journal of Cancer, 2019, 121, 48-54. | 1.3 | 20        |
| 65 | An increased cell cycle gene network determines MEK and Akt inhibitor double resistance in triple-negative breast cancer. Scientific Reports, 2019, 9, 13308.  | 1.6 | 15        |
| 66 | The circular RNome of primary breast cancer. Genome Research, 2019, 29, 356-366.   | 2.4 | 85        |
| 67 | Proteome-wide onco-proteogenomic somatic variant identification in ER-positive breast cancer.<br>Clinical Biochemistry, 2019, 66, 63-75.   | 0.8 | 3         |
| 68 | Incorporating liquid biopsies into treatment decision-making: obstacles and possibilities. Drug Discovery Today, 2019, 24, 1715-1719.  | 3.2 | 10        |
| 69 | <i>AR</i> splice variants in circulating tumor cells of patients with castrationâ€resistant prostate cancer: relation with outcome to cabazitaxel. Molecular Oncology, 2019, 13, 1795-1807.                          | 2.1 | 23        |
| 70 | MicroRNAs as possible indicators of drug sensitivity in breast cancer cell lines. PLoS ONE, 2019, 14, e0216400.  | 1.1 | 54        |
| 71 | Partially methylated domains are hypervariable in breast cancer and fuel widespread CpG island hypermethylation. Nature Communications, 2019, 10, 1749.  | 5.8 | 46        |
| 72 | The role of mitochondrial DNA in breast tumors. Drug Discovery Today, 2019, 24, 1202-1208.   | 3.2 | 15        |

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|----|--|-----|-----------|
| 73 | Co-regulated gene expression of splicing factors as drivers of cancer progression. Scientific Reports, 2019, 9, 5484.  | 1.6 | 22        |
| 74 | Polyomavirus T Antigen Induces <i>APOBEC3B</i> Expression Using an LXCXE-Dependent and TP53-Independent Mechanism. MBio, 2019, 10, .   | 1.8 | 35        |
| 75 | Androgen receptor expression in circulating tumor cells of patients with metastatic breast cancer.<br>International Journal of Cancer, 2019, 145, 1083-1089.                                   | 2.3 | 27        |
| 76 | The genomic landscape of metastatic castration-resistant prostate cancers reveals multiple distinct genotypes with potential clinical impact. Nature Communications, 2019, 10, 5251.           | 5.8 | 130       |
| 77 | JNK-Dependent cJun Phosphorylation Mitigates TGFÎ2- and EGF-Induced Pre-Malignant Breast Cancer Cell<br>Invasion by Suppressing AP-1-Mediated Transcriptional Responses. Cells, 2019, 8, 1481. | 1.8 | 11        |
| 78 | Characterizing the invasion of different breast cancer cell lines with distinct E-cadherin status in 3D using a microfluidic system. Biomedical Microdevices, 2019, 21, 101.                   | 1.4 | 17        |
| 79 | Comprehensive evaluation of methods to assess overall and cell-specific immune infiltrates in breast cancer. Breast Cancer Research, 2019, 21, 151.  | 2.2 | 30        |
| 80 | Polygenic Risk Scores for Prediction of Breast Cancer and Breast Cancer Subtypes. American Journal of Human Genetics, 2019, 104, 21-34.  | 2.6 | 711       |
| 81 | Novel methods to diagnose leptomeningeal metastases in breast cancer. Neuro-Oncology, 2019, 21, 428-439.   | 0.6 | 10        |
| 82 | Highâ€ŧhroughput isolation of circulating tumor <scp>DNA</scp> : aÂcomparison of automated<br>platforms. Molecular Oncology, 2019, 13, 392-402.  | 2.1 | 37        |
| 83 | An Optimized Workflow to Evaluate Estrogen Receptor Gene Mutations in Small Amounts of Cell-Free<br>DNA. Journal of Molecular Diagnostics, 2019, 21, 123-137.                                  | 1.2 | 15        |
| 84 | PIK3CA mutations in ductal carcinoma in situ and adjacent invasive breast cancer. Endocrine-Related<br>Cancer, 2019, 26, 471-482.  | 1.6 | 17        |
| 85 | The molecular genetic make-up of male breast cancer. Endocrine-Related Cancer, 2019, 26, 779-794.  | 1.6 | 27        |
| 86 | An In-Depth Evaluation of the Validity and Logistics Surrounding the Testing of AR-V7 mRNA Expression in Circulating Tumor Cells. Journal of Molecular Diagnostics, 2018, 20, 316-325.         | 1.2 | 15        |
| 87 | Interferon-Stimulated Genes Are Involved in Cross-resistance to Radiotherapy in Tamoxifen-Resistant<br>Breast Cancer. Clinical Cancer Research, 2018, 24, 3397-3408.                           | 3.2 | 68        |
| 88 | Characterizing steroid hormone receptor chromatin binding landscapes in male and female breast cancer. Nature Communications, 2018, 9, 482.  | 5.8 | 50        |
| 89 | Sensitive detection of mitochondrial DNA variants for analysis of mitochondrial DNA-enriched extracts from frozen tumor tissue. Scientific Reports, 2018, 8, 2261.                             | 1.6 | 12        |
| 90 | T lymphocytes facilitate brain metastasis of breast cancer by inducing Guanylate-Binding Protein 1<br>expression. Acta Neuropathologica, 2018, 135, 581-599.                                   | 3.9 | 63        |

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|-----|--|------|-----------|
| 91  | IGF1R signaling drives antiestrogen resistance through PAK2/PIX activation in luminal breast cancer.<br>Oncogene, 2018, 37, 1869-1884.   | 2.6  | 34        |
| 92  | E-cadherin breast tumor expression, risk factors and survival: Pooled analysis of 5,933 cases from 12 studies in the Breast Cancer Association Consortium. Scientific Reports, 2018, 8, 6574.                  | 1.6  | 51        |
| 93  | Confirmation of a metastasis-specific microRNA signature in primary colon cancer. Scientific Reports, 2018, 8, 5242.   | 1.6  | 33        |
| 94  | Performance of <i><scp>BRCA1</scp>/</i> 2 mutation prediction models in male breast cancer patients.<br>Clinical Genetics, 2018, 93, 52-59.  | 1.0  | 5         |
| 95  | Estrogen receptor mutations and splice variants determined in liquid biopsies from metastatic breast cancer patients. Molecular Oncology, 2018, 12, 48-57.   | 2.1  | 52        |
| 96  | Steps forward for cancer precision medicine. Nature Reviews Drug Discovery, 2018, 17, 1-2.   | 21.5 | 37        |
| 97  | Breast cancer genomics and immuno-oncological markers to guide immune therapies. Seminars in Cancer Biology, 2018, 52, 178-188.  | 4.3  | 111       |
| 98  | Clinical performance of an analytically validated assay in comparison to microarray technology to assess PITX2 DNA-methylation in breast cancer. Scientific Reports, 2018, 8, 16861.                           | 1.6  | 10        |
| 99  | Mitochondrial RNA Expression and Single Nucleotide Variants in Association with Clinical Parameters in Primary Breast Cancers. Cancers, 2018, 10, 500.   | 1.7  | 7         |
| 100 | Clinical Validation of PITX2 DNA Methylation to Predict Outcome in High-Risk Breast Cancer Patients<br>Treated with Anthracycline-Based Chemotherapy. Breast Care, 2018, 13, 425-433.                          | 0.8  | 8         |
| 101 | Elucidating the Underlying Functional Mechanisms of Breast Cancer Susceptibility Through<br>Post-GWAS Analyses. Frontiers in Genetics, 2018, 9, 280.   | 1.1  | 11        |
| 102 | Tumor-Specific Mitochondrial DNA Variants Are Rarely Detected in Cell-Free DNA. Neoplasia, 2018, 20,<br>687-696.   | 2.3  | 28        |
| 103 | Association of microRNA-7 and its binding partner CDR1-AS with the prognosis and prediction of 1st-line tamoxifen therapy in breast cancer. Scientific Reports, 2018, 8, 9657.                                 | 1.6  | 32        |
| 104 | Gene length corrected trimmed mean of M-values (GeTMM) processing of RNA-seq data performs<br>similarly in intersample analyses while improving intrasample comparisons. BMC Bioinformatics, 2018,<br>19, 236. | 1.2  | 105       |
| 105 | Dendritic Cells Actively Limit Interleukin-10 Production Under Inflammatory Conditions via DC-SCRIPT and Dual-Specificity Phosphatase 4. Frontiers in Immunology, 2018, 9, 1420.                               | 2.2  | 16        |
| 106 | The Prevalence of CD146 Expression in Breast Cancer Subtypes and Its Relation to Outcome. Cancers, 2018, 10, 134.  | 1.7  | 18        |
| 107 | Functional <i>Ex Vivo</i> Assay Reveals Homologous Recombination Deficiency in Breast Cancer<br>Beyond BRCA Gene Defects. Clinical Cancer Research, 2018, 24, 6277-6287.                                       | 3.2  | 53        |
| 108 | Interrogation of transcriptomic changes associated with drug-induced hepatic sinusoidal dilatation in colorectal cancer. PLoS ONE, 2018, 13, e0198099.   | 1.1  | 9         |

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|-----|---|------|-----------|
| 109 | MicroRNA expression in pre-treatment plasma of patients with benign breast diseases and breast cancer. Oncotarget, 2018, 9, 24335-24346.  | 0.8  | 11        |
| 110 | The complete genomic landscape of metastatic prostate cancer pinpoints clinically targetable subgroups Journal of Clinical Oncology, 2018, 36, 5014-5014.   | 0.8  | 0         |
| 111 | A somatic-mutational process recurrently duplicates germline susceptibility loci and tissue-specific super-enhancers in breast cancers. Nature Genetics, 2017, 49, 341-348.   | 9.4  | 75        |
| 112 | Proteomic characterization of microdissected breast tissue environment provides a proteinâ€level overview of malignant transformation. Proteomics, 2017, 17, 1600213.   | 1.3  | 7         |
| 113 | Male breast cancer precursor lesions: analysis of the EORTC 10085/TBCRC/BIG/NABCG International<br>Male Breast Cancer Program. Modern Pathology, 2017, 30, 509-518.   | 2.9  | 32        |
| 114 | Application of circulating tumor DNA in prospective clinical oncology trials – standardization of preanalytical conditions. Molecular Oncology, 2017, 11, 295-304.  | 2.1  | 123       |
| 115 | Low Tumor Mitochondrial DNA Content Is Associated with Better Outcome in Breast Cancer Patients<br>Receiving Anthracycline-Based Chemotherapy. Clinical Cancer Research, 2017, 23, 4735-4743.                                       | 3.2  | 14        |
| 116 | A Systematic Analysis of Oncogenic Gene Fusions in Primary Colon Cancer. Cancer Research, 2017, 77, 3814-3822.  | 0.4  | 76        |
| 117 | Somatic Tumor Mutations Detected by Targeted Next Generation Sequencing in Minute Amounts of Serum-Derived Cell-Free DNA. Scientific Reports, 2017, 7, 2136.  | 1.6  | 7         |
| 118 | Improved diagnosis and prognostication of patients with pleural malignant mesothelioma using<br>biomarkers in pleural effusions and peripheral blood samples – a short report. Cellular Oncology<br>(Dordrecht), 2017, 40, 511-519. | 2.1  | 5         |
| 119 | Phosphoserine aminotransferase 1 is associated to poor outcome on tamoxifen therapy in recurrent breast cancer. Scientific Reports, 2017, 7, 2099.  | 1.6  | 33        |
| 120 | HRDetect is a predictor of BRCA1 and BRCA2 deficiency based on mutational signatures. Nature Medicine, 2017, 23, 517-525.   | 15.2 | 769       |
| 121 | Somatic mutations reveal asymmetric cellular dynamics in the early human embryo. Nature, 2017, 543, 714-718.  | 13.7 | 229       |
| 122 | Stem cell-like transcriptional reprogramming mediates metastatic resistance to mTOR inhibition. Oncogene, 2017, 36, 2737-2749.  | 2.6  | 34        |
| 123 | Identification of ten variants associated with risk of estrogen-receptor-negative breast cancer.<br>Nature Genetics, 2017, 49, 1767-1778.   | 9.4  | 289       |
| 124 | Increased MAPK1/3 Phosphorylation in Luminal Breast Cancer Related with PIK3CA Hotspot Mutations and Prognosis. Translational Oncology, 2017, 10, 854-866.  | 1.7  | 5         |
| 125 | Genomic Evolution of Breast Cancer Metastasis and Relapse. Cancer Cell, 2017, 32, 169-184.e7.   | 7.7  | 534       |
| 126 | Genetic modifiers of CHEK2*1100delC-associated breast cancer risk. Genetics in Medicine, 2017, 19, 599-603.   | 1.1  | 67        |

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| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 127 | ESR1 mutations: Moving towards guiding treatment decision-making in metastatic breast cancer patients. Cancer Treatment Reviews, 2017, 52, 33-40.                                       | 3.4  | 75        |
| 128 | Body mass index and breast cancer survival: a Mendelian randomization analysis. International<br>Journal of Epidemiology, 2017, 46, 1814-1822.  | 0.9  | 45        |
| 129 | The Predictive Value of <i>PITX2</i> DNA Methylation for High-Risk Breast Cancer Therapy: Current<br>Guidelines, Medical Needs, and Challenges. Disease Markers, 2017, 2017, 1-14.      | 0.6  | 18        |
| 130 | High mRNA expression of splice variant SYK short correlates with hepatic disease progression in chemonaive lymph node negative colon cancer patients. PLoS ONE, 2017, 12, e0185607.     | 1.1  | 14        |
| 131 | Prospects of Targeting the Gastrin Releasing Peptide Receptor and Somatostatin Receptor 2 for<br>Nuclear Imaging and Therapy in Metastatic Breast Cancer. PLoS ONE, 2017, 12, e0170536. | 1.1  | 8         |
| 132 | Progressive APOBEC3B mRNA expression in distant breast cancer metastases. PLoS ONE, 2017, 12, e0171343.   | 1.1  | 31        |
| 133 | Cell-free DNA mutations as biomarkers in breast cancer patients receiving tamoxifen. Oncotarget, 2016, 7, 43412-43418.  | 0.8  | 30        |
| 134 | Fine-Mapping of the 1p11.2 Breast Cancer Susceptibility Locus. PLoS ONE, 2016, 11, e0160316.  | 1.1  | 12        |
| 135 | The 29.5 kb APOBEC3B Deletion Polymorphism Is Not Associated with Clinical Outcome of Breast Cancer. PLoS ONE, 2016, 11, e0161731.  | 1.1  | 15        |
| 136 | Fineâ€scale mapping of 8q24 locus identifies multiple independent risk variants for breast cancer.<br>International Journal of Cancer, 2016, 139, 1303-1317.                            | 2.3  | 51        |
| 137 | The advantage of laser apture microdissection over whole tissue analysis in proteomic profiling studies. Proteomics, 2016, 16, 1474-1485.   | 1.3  | 38        |
| 138 | <i>PALB2</i> , <i>CHEK2</i> and <i>ATM</i> rare variants and cancer risk: data from COGS. Journal of<br>Medical Genetics, 2016, 53, 800-811.  | 1.5  | 174       |
| 139 | Recurrent HOXB13 mutations in the Dutch population do not associate with increased breast cancer risk. Scientific Reports, 2016, 6, 30026.  | 1.6  | 3         |
| 140 | A novel independence test for somatic alterations in cancer shows that biology drives mutual exclusivity but chance explains most co-occurrence. Genome Biology, 2016, 17, 261.         | 3.8  | 114       |
| 141 | BRCA1-deficient breast cancer cell lines are resistant to MEK inhibitors and show distinct sensitivities to 6-thioguanine. Scientific Reports, 2016, 6, 28217.                          | 1.6  | 23        |
| 142 | Endocrine therapy resistance in estrogen receptor (ER)-positive breast cancer. Drug Discovery Today, 2016, 21, 1181-1188.   | 3.2  | 53        |
| 143 | Molecular characterization of irinotecan (SN-38) resistant human breast cancer cell lines. BMC<br>Cancer, 2016, 16, 34.   | 1.1  | 35        |
| 144 | Landscape of somatic mutations in 560 breast cancer whole-genome sequences. Nature, 2016, 534, 47-54.   | 13.7 | 1,760     |

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| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 145 | mRNA expression profiles of colorectal liver metastases as a novel biomarker for early recurrence<br>after partial hepatectomy. Molecular Oncology, 2016, 10, 1542-1550.  | 2.1 | 9         |
| 146 | rs2735383, located at a microRNA binding site in the 3'UTR of NBS1, is not associated with breast cancer<br>risk. Scientific Reports, 2016, 6, 36874.   | 1.6 | 2         |
| 147 | Prognostic significance of nuclear expression of UMP-CMP kinase in triple negative breast cancer patients. Scientific Reports, 2016, 6, 32027.  | 1.6 | 19        |
| 148 | Identification of four novel susceptibility loci for oestrogen receptor negative breast cancer. Nature Communications, 2016, 7, 11375.  | 5.8 | 93        |
| 149 | The topography of mutational processes in breast cancer genomes. Nature Communications, 2016, 7, 11383.   | 5.8 | 235       |
| 150 | Breast cancer genome and transcriptome integration implicates specific mutational signatures with immune cell infiltration. Nature Communications, 2016, 7, 12910.  | 5.8 | 119       |
| 151 | Somatic mutation detection using various targeted detection assays in paired samples of circulating tumor DNA, primary tumor and metastases from patients undergoing resection of colorectal liver metastases. Molecular Oncology, 2016, 10, 1575-1584.     | 2.1 | 61        |
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